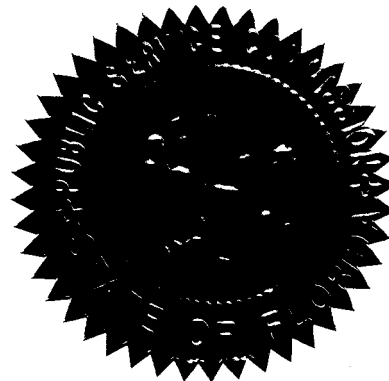


BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080002-EG

In the Matter of

ENERGY CONSERVATION COST  
RECOVERY CLAUSE.



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THE OFFICIAL TRANSCRIPT OF THE HEARING,  
THE .PDF VERSION INCLUDES PREFILED TESTIMONY.

PROCEEDINGS: HEARING

BEFORE: CHAIRMAN MATTHEW M. CARTER, II  
COMMISSIONER LISA POLAK EDGAR  
COMMISSIONER KATRINA J. McMURRIAN  
COMMISSIONER NANCY ARGENZIANO  
COMMISSIONER NATHAN A. SKOP

DATE: Tuesday, November 4, 2008

TIME: Commenced at 9:30 a.m.

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

REPORTED BY: JANE FAUROT, RPR  
Official FPSC Reporter  
(850) 413-6732

DOCUMENT NUMBER-DATE

FLORIDA PUBLIC SERVICE COMMISSION

10614 NOV 14 8

FPSC-COMMISSION CLERK

## 1 APPEARANCES:

2 LEE L. WILLIS, ESQUIRE and JAMES D. BEASLEY, ESQUIRE,  
3 Ausley Law Firm, P.O. Box 391, Tallahassee, 32302, appearing on  
4 behalf of Tampa Electric Company.

5 JEFFREY STONE, ESQUIRE, RUSSELL BADDERS, ESQUIRE and  
6 STEVE GRIFFIN, BEGGS & LANE LAW FIRM, P.O. BOX 12950,  
7 Pensacola, Florida 32591-2950, appearing on behalf of Gulf  
8 Power Company.

9 JOHN W. MCWHIRTER, JR., ESQUIRE, c/o McWhirter Law  
10 Firm, 400 North Tampa Street, Suite 2450, Tampa, Florida 33602,  
11 appearing on behalf of Florida Industrial Power Users Group.

12 R. WADE LITCHFIELD, ESQUIRE, JOHN BUTLER, ESQUIRE,  
13 and CARLA G. PETTUS, ESQUIRE, Florida Power & Light Company,  
14 700 Universe Blvd., Juno Beach, Florida 33408-0420, appearing  
15 on behalf of Florida Power & Light Company.

16 NORMAN H. HORTON, JR., ESQUIRE, Messer Caparello &  
17 Self, P.A., P.O. Box 15579, Tallahassee, Florida 32317,  
18 appearing on behalf of Florida Public Utilities Company.

19 PATTY CHRISTENSEN, ESQUIRE, JOE MCGLOTHLIN, ESQUIRE,  
20 and STEPHEN BURGESS, ESQUIRE, Office of Public Counsel, c/o The  
21 Florida Legislature, 111 W. Madison St., #812, Tallahassee,  
22 Florida 32399-1400, appearing on behalf of the Citizens of the  
23 State of Florida.

24

25

1 APPEARANCES (continued):

2                   JOHN T. BURNETT, Progress Energy Service Co., LLC, P.  
3 O. Box 14042, St. Petersburg, Florida 33733-4042, appearing on  
4 behalf of Progress Energy Florida, Inc.

5                   KATHERINE FLEMING, ESQUIRE, FPSC General Counsel's  
6 Office, 2540 Shumard Oak Boulevard, Tallahassee, Florida  
7 32399-0850, appearing on behalf of the Commission Staff.

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I N D E X

WITNESSES

NAME:	PAGE NO.
MARIA BESADA Prefiled Direct Testimony Inserted	7
C. DENNIS BRANDT Prefiled Direct Testimony Inserted	12
MARC S. SEAGRAVE Prefiled Direct Testimony Inserted	15
JOHN N. FLOYD Prefiled Direct Testimony Inserted	22
JOHN A. MASIELLO Prefiled Direct Testimony Inserted	39
HOWARD T. BRYANT Prefiled Direct Testimony Inserted	46



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EXHIBITS

NUMBER:		ID.	ADMTD.
1	Comprehensive Exhibit List	7	7
2	MB-1	7	7
3	DB-1	7	7
4	MSS-1	7	7
5	MSS-2	7	7
6	JNF-1	7	7
7	JNF-2	7	7
8	JAM-1T	7	7
9	JAM-1P	7	7
10	HTB-1	7	7
11	HTB-2	7	7

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

1  
2           **CHAIRMAN CARTER:** The next one, Commissioners, for  
3 your records will be Docket Number 080002-EG; 080002-EG.

4           Staff, you're recognized.

5           **MS. FLEMING:** With respect to the 02 docket, there  
6 are proposed stipulations on all issues, noting that OPC and  
7 FIPUG have taken no position, and all witnesses have been  
8 excused.

9           With that, staff would ask that the prefiled  
10 testimony of all witnesses on Page 4 be inserted into the  
11 record as though read, and this will include the errata sheet  
12 filed by FPUC at the prehearing conference which is in the  
13 docket file.

14           **CHAIRMAN CARTER:** Including the errata sheet, the  
15 prefiled testimony of the witnesses will be entered into the  
16 record as though read.

17           **MS. FLEMING:** Staff's Comprehensive Exhibit List has  
18 identified Exhibits 1 through 11, and staff would ask that  
19 Exhibits 1 through 11 be marked and moved into the record as  
20 though shown on the Comprehensive Exhibit List.

21           **CHAIRMAN CARTER:** Without objection, show it done.

22           (Exhibit Number 1 through 11 marked for  
23 identification and admitted into the record.)

24  
25

## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

## FLORIDA POWER &amp; LIGHT COMPANY

## TESTIMONY OF MARIA BESADA

DOCKET NO. 080002-EG

May 1, 2008

1 Q. Please state your name and business address.

2 A. My name is Maria Besada, and my business address is: 9250 West Flagler Street,  
3 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 Decision Support  
7 Manager.

8

9 Q. Please describe your educational and professional background and  
10 experience.

11 A. I have a Bachelor of Science Degree in Chemistry from Florida International  
12 University. I was hired by FPL in 1987 and have worked in several functional  
13 areas within FPL such as Power Generation, Internal Auditing, and Customer  
14 Service. I have been in a manager role for the past nine years, and my current  
15 position is in Customer Service, Product Management and Operations as a  
16 Decision Support Manager.

1 **Q. What are your responsibilities and duties as a Decision Support Manager?**

2 A. I am responsible for supervising and assisting in the development of the  
3 department's overall budget, which includes the budgets related to the Demand  
4 Side Management (DSM) Programs. I supervise other support functions such as  
5 end-use evaluation and performance reporting that relates to the DSM Programs  
6 and Energy Conservation Cost Recovery (ECCR), including monthly accounting  
7 reviews.

8 Also, I supervise and assist in the preparation of regulatory filings and reports  
9 related to ECCR, prepare responses to regulatory inquires and ensure timely  
10 response. I am also responsible for the ECCR True-Up and Projection.

11

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

13 A. The purposes of my testimony are (1) to present the conservation-related revenues  
14 and costs associated with FPL's energy conservation programs for the period  
15 January 2007 through December 2007, and (2) to present the net under recovery  
16 for the period January 2007 through December 2007 to be carried forward for  
17 calculation of FPL's 2009 ECCR factors.

18

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

21 A. Yes. I am sponsoring Exhibit MB-1, which is attached to my testimony and  
22 consists of Schedules CT-1 through CT-6 and Appendix A. Appendix A is the  
23 documentation required by Rule 25-17.015(5), Florida Administrative Code,  
24 regarding specific claims of energy savings in advertisements. While I am

1 sponsoring all of Exhibit MB-1, parts of the exhibit were prepared at my request  
2 by Ms. Korel M. Dubin, Manager of Regulatory Affairs, who is available to  
3 respond to any questions that the parties or the Commission may have regarding  
4 those parts. Exhibit MB-1, Table of Contents, Page 1 of 1, identifies the portions  
5 prepared by Ms. Dubin and me.

6

7 **Q. What is the actual net true-up amount which FPL is requesting for the**  
8 **January 2007 through December 2007 period?**

9 A. FPL has calculated and is requesting approval of an overrecovery of \$11,096,460  
10 as the actual net true-up amount for that period.

11

12 **Q. What is the adjusted net true-up amount which FPL is requesting for the**  
13 **January 2007 through December 2007 period which is to be carried over and**  
14 **collected in the January 2009 through December 2009 period?**

15 A. FPL has calculated and is requesting approval of an under recovery of \$4,682,957  
16 as the adjusted net true-up amount for that period. The adjusted net true-up under  
17 recovery of \$4,682,957 is the difference between the actual net true-up of an  
18 overrecovery of \$11,096,460 and the estimated/actual net true-up of an  
19 overrecovery of \$15,779,417 approved by the Commission at the November 2007  
20 Hearing, per Order No. PSC-07-0933-FOF-EG. This is shown on Exhibit (MB-1),  
21 Schedule CT-2, Page 1 of 5.

22

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

1 A. Yes.

2 **Q. During the January 2007 through December 2007 period, is FPL seeking**  
3 **recovery of any advertising which makes a specific claim of potential energy**  
4 **savings or states appliance efficiency ratings or savings?**

5 A. Yes. A copy of the advertising, data sources and calculations used to substantiate  
6 the savings are included in Appendix A, Pages 1A – 9C.

7

8 **Q. How did your actual program expenditures for January 2007 through**  
9 **December 2007 compare to the Estimated/Actual presented at the November**  
10 **2007 Hearing?**

11 A. At the November 2007 Hearing, total expenditures for January 2007 through  
12 December 2007 were estimated to be \$157,278,397 (CT-2, Page 1 of 5, Estimate  
13 Column, Line 13). The actual expenditures for the period were \$160,749,639  
14 (CT-2, Page 1 of 5, Actual Column, Line 13). This represents a period variance of  
15 \$3,471,242 more than projected. This variance is shown on Schedule CT-2, Page  
16 3 of 5, Line 25 and is explained in Schedule CT-6.

17

18 **Q. Was the calculation of the adjusted net true-up amount for the period**  
19 **January 2007 through December 2007 period performed consistently with**  
20 **the prior true-up calculations in this and the predecessor conservation cost**  
21 **recovery dockets?**

22 A. Yes. FPL's adjusted net true-up was calculated consistent with the methodology  
23 set forth in Schedule 1, page 2 of 2 attached to Order No. 10093, dated June 19,  
24 1981. The schedules prepared by Ms. Dubin detail this calculation.

1 **Q. What was the source of the data used in calculating the actual net true-up**  
2 **amount?**

3 A. Unless otherwise indicated, the data used in calculating the adjusted net true-up  
4 amount are taken from the books and records of FPL. The books and records are  
5 kept in the regular course of our business in accordance with generally accepted  
6 accounting principles and practices, and provisions of the Uniform System of  
7 Accounts as prescribed by this Commission. As directed in Rule 25-17.015,  
8 Florida Administrative Code, Schedules CT-2, Pages 4 and 5 of 5, provide a  
9 complete list of all account numbers used for conservation cost recovery during  
10 the period January 2007 through December 2007.

11

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

13 A. Yes.

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION****FLORIDA POWER & LIGHT COMPANY****TESTIMONY OF C. DENNIS BRANDT****DOCKET NO. 080002-EG****September 12, 2008**

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

2 A. My name is C. Dennis Brandt 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 Director in FPL's  
7 Customer Service business unit.

8

9 **Q. Please describe your educational and professional background and  
10 experience.**

11 A. I received a Bachelor of Science Degree in Industrial Engineering from the  
12 University of Miami in 1978. I received my Masters Degree in Industrial  
13 Engineering from the University of Miami in 1984. I am a certified Professional  
14 Engineer in the State of Florida. I was hired by FPL in 1979 in the Materials  
15 Management Department and have worked in positions of increasing  
16 responsibility in the areas of Load Management, Commercial and Industrial  
17 Marketing, Residential and General Business Marketing and Sales & Marketing  
18 Product Support.



1 In 1991, I was promoted to the position of Manager of Residential and General  
2 Business Marketing Support. I held this position until 1993, when I became the  
3 Manager of Commercial/Industrial Marketing Support. In late 1996, I became the  
4 Manager of Sales & Marketing Product Support and, in 1999 I became a  
5 Director.

6

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

8 A. The purpose of my testimony is to submit for Commission review and approval  
9 the projected ECCR costs to be incurred by FPL during the months of January  
10 2009 through December 2009, as well as the actual/estimated ECCR costs for  
11 January 2008 through December 2008, for our Demand Side Management  
12 (DSM) programs. I also present the total level of costs FPL seeks to recover  
13 through its Conservation Factors during the period January 2009 through  
14 December 2009, as well as the Conservation Factors which, when applied to our  
15 customers' bills during the period January 2009 through December 2009, will  
16 permit the recovery of total ECCR costs.

17

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

20 A. Yes, I am sponsoring Exhibit DB-1, which is attached to my testimony and  
21 consists of Schedules C-1 through C-5. While I am sponsoring all of Exhibit  
22 DB-1, parts of the exhibit are sponsored by Ms. Korel M. Dubin, Manager of  
23 Purchased Power, who is available to respond to any questions which the parties

1 or the Commission may have regarding those parts. Exhibit DB-1, Table of  
2 Contents, Page 1 of 1, identifies the portions sponsored by Ms. Dubin and me.

3

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

6 A. Yes.

7

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

10 A. The actual expenditures for the months January 2008 through June 2008 are  
11 taken from the books and records of FPL. Expenditures for the months of July  
12 2008 through December 2008, and January 2009 through December 2009 are  
13 projections based upon a detailed month-by-month analysis of the expenditures  
14 expected for each program at each location within FPL. These projections are  
15 developed by each FPL location where costs are incurred and take into  
16 consideration not only cost levels but also market penetrations. They have been  
17 subjected to FPL's budgeting process and an on-going cost-justification process.

18

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

20 A. Yes.

BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 080002-EG  
DETERMINATION OF CONSERVATION COSTS RECOVERY FACTOR

Direct Testimony of  
MARC S. SEAGRAVE

On Behalf of  
FLORIDA PUBLIC UTILITIES COMPANY

1 Q. Please state your name and business address.

2 A. Marc S. Seagrave: my business address is P.O. Box 3395 West  
3 Palm Beach, Florida 33402.

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

5 A. I am employed by Florida Public Utilities Company as  
6 Director of Marketing and Sales.

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

8 A. To advise the Commission of the actual over/under recovery  
9 of the Conservation Program costs for the period January 1,  
10 2007 through December 31, 2007 as compared to the true-up  
11 amounts previously reported for that period which were based  
12 on seven months actual and five months estimated data.

13 Q. Please state the actual amount of over/under recovery of  
14 Conservation Program costs for the Consolidated Electric  
15 Divisions of Florida Public Utilities Company for January 1,  
16 2007 through December 31, 2007.

1 A. The Company over-recovered \$18,012.00 during that period.

2 This amount is substantiated on Schedule CT-3, page 2 of 3,  
3 Energy Conservation Adjustment.

4 Q. How does this amount compare with the estimated true-up  
5 amount which was allowed by the Commission during the  
6 November 2007 hearing?

7 A. We had estimated that we would over-recover \$26,381.00 as of  
8 December 31, 2007.

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

10 A. We have prepared and pre-filled Schedules CT-1, CT-2, CT-3,  
11 CT-4, CT-5 and CT-6 (Composite Exhibit MSS-1).

12 Q. Does this conclude your testimony?

13 A. Yes.

14

15 Testimony Trueup 2007Seagrave.doc

BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 080002-EG  
DETERMINATION OF CONSERVATION COSTS RECOVERY FACTOR

000017

Direct Testimony of  
MARC S. SEAGRAVE  
On Behalf of  
FLORIDA PUBLIC UTILITIES COMPANY

- 1 Q. Please state your name and business address.
- 2 A. Marc S. Seagrave: my business address is 401
- 3 South Dixie Highway, West Palm Beach, Florida
- 4 33401.
- 5 Q. By whom are you employed and in what capacity?
- 6 A. I am employed by Florida Public Utilities
- 7 Company as Director of Marketing and Sales.
- 8 Q. What is the purpose of your testimony at this
- 9 time?
- 10 A. To Advise the Commission as to the Conservation
- 11 Cost Recovery Clause Calculation for the period
- 12 January, 2009 through December, 2009.
- 13 Q. What respectively are the total projected costs
- 14 for the period January 2009 through December,
- 15 2009 in the Consolidated Electric Division?
- 16 A. The total projected Conservation Program Costs
- 17 are \$554,331. Please see Schedule C-2, page 2,
- 18 for the programmatic and functional breakdown
- 19 of these total costs.
- 20 Q. What is the true-up amount to be applied to
- 21 determine the projected net total costs for the

- 1 period January, 2008 through December, 2008?
- 2 A. As reflected in the "C" Schedules, the true-up  
3 amount for Consolidated Electric Division is  
4 \$43,660. The amount is based upon seven months  
5 actual and five months estimated data.
- 6 Q. What are the resulting net total projected  
7 conservation costs to be recovered during this  
8 period?
- 9 A. The net total costs to be recovered are  
10 \$597,991.
- 11 Q. What is the Conservation Adjustment Factor  
12 necessary to recover these projected net total  
13 costs?
- 14 A. The Conservation Adjustment Factor is \$.00074  
15 per KWH.
- 16 Q. Are there any exhibits that you wish to  
17 sponsor in this proceeding?
- 18 A. Yes. I wish to sponsor as exhibits for each  
19 division Schedules C-1, C-2, C-3, C-4, and C-5  
20 (Composite Prehearing Identification Number  
21 MSS-2), which have been filed with this  
22 testimony.
- 23 Q. How does Florida Public Utilities plan to  
24 promote the Commission approved conservation  
25 programs to customers?
- 26 A. These programs will be promoted through the  
27 continued implementation of the company's "Good

1 Cents" branding.

2 Q. What is the "Good Cents" branding?

3 A. "Good Cents" is a nationally recognized,  
4 licensed energy conservation branding program.  
5 This program is fuel neutral by design and has  
6 been successfully utilized by approximately 300  
7 electric and natural gas utilities located  
8 across 38 states from Maine, to Florida to  
9 California and Washington.

10 Q. How does Florida Public Utilities utilize this  
11 branding?

12 A. Florida public utilities has successfully  
13 leveraged the Good Cents marketing by other  
14 utilities in northern Florida and southern  
15 Georgia since approximately 1980 and has built  
16 a high level of awareness within these electric  
17 territories. The Company uses the "Good Cents"  
18 branding to create an awareness of its energy  
19 conservation among consumers, businesses,  
20 builders and developers.

21 Florida Public Utilities will leverage the high  
22 visibility brand, well established national  
23 image of quality, value and savings,  
24 established public awareness, and proven  
25 promotional lift (average 11%) to build  
26 participation in our residential and commercial  
27 energy conservation programs. We will apply

1           the branding strategy to promote activities via  
2           broadcast and print media, educational events  
3           and collateral materials. Through this  
4           branding, end users and decision makers can  
5           readily identify where to obtain energy  
6           expertise to assist them with their energy  
7           decisions.

8           Q. Has Florida Public Utilities Company included  
9           the estimated cost of the campaign in the  
10          projected costs associated with the  
11          conservation programs?

12          A. Yes, the estimated cost of the campaign and  
13          services are included in the budget projections  
14          for 2009.

15          Q. Does this conclude your testimony?

16          A. Yes.

17



BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost )  
Recovery Clause )  
\_\_\_\_\_ )

Docket No. 080002-EG  
Filed: October 20,2008

ERRATA SHEET

Change the following:

Direct Testimony of Marc Seagrave filed Sept. 12, 2008, page 2, line 14 "\$.00074" should be  
"\$0.00078"

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

1 Gulf Power Company

2 Before the Florida Public Service Commission  
3 Prepared Direct Testimony and Exhibit of

4 John N. Floyd

5 Docket No. 080002-EG

6 May 2, 2008

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

9 A. My name is John N. Floyd and my business address is One  
10 Energy Place, Pensacola, Florida 32520. I am employed  
11 by Gulf Power Company as the Economic Evaluation and  
12 Market Reporting Team Leader.

13 Q. Mr. Floyd, please describe your educational background  
14 and business experience.

15 A. I received a Bachelor Degree in Electrical Engineering  
16 from Auburn University in 1985. After serving four  
17 years in the US Air Force, I began my career in the  
18 electric utility industry at Gulf Power in 1990 and have  
19 held various positions within the Company in Power  
20 Generation, Metering, Power Delivery Distribution, and  
21 Marketing. In my present position, I am responsible for  
22 Energy Conservation Cost Recovery (ECCR) filings,  
23 economic evaluations, market research, and other  
24 marketing services activities.

25

1 Q. Have you previously testified before this Commission in  
2 connection with the Energy Conservation Cost Recovery  
3 Clause?

4 A. No.

5

6 Q. Mr. Floyd, for what purpose are you appearing before  
7 this Commission today?

8 A. I am testifying before this Commission on behalf of Gulf  
9 Power regarding matters related to the Energy  
10 Conservation Cost Recovery Clause, specifically the  
11 approved programs and related expenses for  
12 January, 2007, through December, 2007.

13

14 Q. Are you familiar with the documents concerning the  
15 Energy Conservation Cost Recovery Clause and its related  
16 true-up and interest provisions?

17 A. Yes, I am.

18

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

21 A. Yes, I have.

22 Counsel: We ask that Mr. Floyd's exhibit consisting of  
23 6 Schedules, CT-1 through CT-6, be marked for  
24 identification as:

25 Exhibit No. \_\_\_\_\_ (JNF-1)

1

2 Q. Would you summarize for this Commission the deviations  
3 between the actual expenses for this recovery period and  
4 the estimated/actual estimate of expenses previously  
5 filed with this Commission?

6 A. The estimated/actual true-up net expenses for the entire  
7 recovery period January, 2007, through December, 2007,  
8 were \$10,244,582 while the actual expenses were  
9 \$9,107,192 resulting in a variance of (\$1,137,390) or  
10 11.1% under the estimated/actual true-up. See Schedule  
11 CT-2, Line 9.

12

13 Q. Mr. Floyd, would you explain the January, 2007, through  
14 December, 2007, variance?

15 A. Yes. The reasons for this variance are less expenses  
16 than estimated in the following programs: Residential  
17 Energy Surveys, under \$42,240; Residential Geothermal  
18 Heat Pump Program, under \$234,031; GoodCents *Select*,  
19 under \$566,235; Commercial/ Industrial Energy Analysis,  
20 under \$136,738; GoodCents Commercial Buildings, under  
21 \$41,558; Energy Services, under \$3,900; Renewable  
22 Energy, under \$95,980; and Conservation Demonstration  
23 and Development, under \$23,679. The underages  
24 experienced in these programs are offset by an increase  
25 of expenses in the following program: Commercial

1 Geothermal Heat Pump, over \$6,971. The resulting net  
2 variance is \$1,137,390 under the estimated/actual  
3 program expenses reported in September, 2007. A more  
4 detailed description of the deviations is contained in  
5 Schedule CT-6.

6

7 Q. Mr. Floyd, what was Gulf Power's adjusted net true-up  
8 for the period January, 2007 through December, 2007?

9 A. There was an over-recovery of \$1,341,449 as shown on  
10 Schedule CT-1.

11

12 Q. Would you describe the results of your programs during  
13 the recovery period?

14 A. A more detailed review of each of the programs is  
15 included in my Schedule CT-6. The following is a  
16 synopsis of program results during this recovery period.

17 (A) Residential Energy Surveys - During this period,  
18 the Company completed 5,650 surveys compared to the  
19 projection of 5,862 surveys.

20 (B) Residential Geothermal Heat Pump - During the 2007  
21 recovery period, a total of 180 geothermal heat  
22 pumps were installed compared to a projection of  
23 300.

24 (C) GoodCents Select - During this recovery period, a  
25 net total of 1,074 units were installed with a

1 total of 8,831 units on-line at December 31, 2007.  
2 Gulf had projected a net customer addition of 1,250  
3 units.

4 (D) Commercial/Industrial (C/I) Energy Analysis -  
5 During 2007, a total of 178 C/I Energy Analyses  
6 were completed compared to a projection of 200.

7 (E) GoodCents Commercial Buildings - During this  
8 recovery period, a total of 212 buildings were  
9 built or improved to GoodCents standards, compared  
10 to a projection of 180.

11 (F) Commercial Geothermal Heat Pump - During the 2007  
12 recovery period, there were 4 geothermal heat pump  
13 units installed compared to 8 units projected.

14 (G) Energy Services - For the 2007 recovery period, at  
15 the meter reductions of 653,905 kWh, winter kW of  
16 1,384 and summer kW of 1,834 were achieved. The  
17 projected results for this period were at the  
18 meter energy reductions of 1,178,470 kWh and at  
19 the meter demand reductions of 510 kW winter and  
20 275 kW summer.

21 (H) Renewable Energy - Costs associated with the  
22 Renewable Energy program are provided in Schedule  
23 CT-3, pages 1 through 3. Further description of  
24 these activities can be found in Schedule CT-6,  
25 pages 8 and 9.

1           (I) Conservation Demonstration and Development - Costs  
2           associated with the Conservation Demonstration and  
3           Development program are provided in Schedule CT-3,  
4           pages 1 through 3. Further description of these  
5           activities can be found in Schedule CT-6, page 10.

6

7   Q.    Mr. Floyd, does this conclude your testimony?

8   A.    Yes, it does.

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## 1 GULF POWER COMPANY

2 Before the Florida Public Service Commission  
3 Prepared Direct Testimony and Exhibit of  
4 John N. Floyd  
5 Docket No. 080002-EG  
6 Energy Conservation Cost Recovery Clause  
7 September 12, 2008

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

10 A. My name is John N. Floyd and my business address is One  
11 Energy Place, Pensacola, Florida 32520. I am employed  
12 by Gulf Power Company as the Economic Evaluation and  
13 Market Reporting Team Leader.

14 Q. Mr. Floyd, please describe your educational background  
15 and business experience.

16 A. I received a Bachelor Degree in Electrical Engineering  
17 from Auburn University in 1985. After serving four  
18 years in the U.S. Air Force, I began my career in the  
19 electric utility industry at Gulf Power in 1990 and have  
20 held various positions within the Company in Power  
21 Generation, Metering, Power Delivery Distribution, and  
22 Marketing. In my present position, I am responsible for  
23 Energy Conservation Cost Recovery (ECCR) filings,  
24 economic evaluations, market research, and other  
25 marketing services activities.



1 Q. Have you previously filed testimony before this  
2 Commission in connection with the Energy Conservation  
3 Cost Recovery Clause?

4 A. Yes.

5

6 Q. Mr. Floyd, for what purpose are you appearing before  
7 this Commission today?

8 A. I am testifying before this Commission on behalf of  
9 Gulf Power regarding matters related to the Energy  
10 Conservation Cost Recovery Clause and to answer any  
11 questions concerning the accounting treatment of  
12 recoverable conservation costs in this filing.  
13 Specifically, I will address projections for approved  
14 programs during the January 2009 through December 2009  
15 recovery period and the anticipated results of those  
16 programs during the current recovery period, January  
17 2008 through December 2008 (7 months actual, 5 months  
18 estimated). I have also included projections for two  
19 additional programs which have been filed for approval  
20 in Docket No. 080395-EG for the recovery period  
21 beginning January 2009 through December 2009.

22

23 Q. Have you prepared an exhibit that contains information  
24 to which you will refer in your testimony?

25 A. Yes. My exhibit consists of 6 schedules, each of which

1 was prepared under my direction, supervision, or  
2 review.

3 Counsel: We ask that Mr. Floyd's exhibit  
4 consisting of 6 Schedules be marked for  
5 identification as: Exhibit No. \_\_\_\_ (JNF-2).  
6

7 Q. Would you summarize for this Commission the deviations  
8 resulting from the actual costs for January through  
9 July of the current recovery period?

10 A. Projected expenses for the first seven months of the  
11 current period were \$6,160,327 compared to actual  
12 expenses of \$5,261,533 for a difference of \$898,794 or  
13 14.6% under budget. A detailed summary of all program  
14 expenses is contained in my Schedule C-3, pages 1 and 2  
15 and my Schedule C-5, pages 1 through 13.  
16

17 Q. Have you provided a description of the program results  
18 achieved during the period, January 2008 through July  
19 2008?

20 A. Yes. A detailed summary of year-to-date results for  
21 each program is contained in my Schedule C-5, pages 1  
22 through 13.  
23

24 Q. Would you summarize the conservation program cost  
25 projections for the January 2009 through December 2009

1 recovery period?

2 A. Program costs for the projection period are estimated  
3 to be \$12,277,075. These costs are broken down as  
4 follows: depreciation, return on investment and  
5 property taxes, \$1,976,991; payroll/benefits,  
6 \$3,937,404; materials/expenses, \$5,039,597;  
7 advertising, \$1,378,148; and incentives, \$817,600; all  
8 of which are partially offset by program revenues of  
9 \$872,665. More detail is contained in my Schedule C-2.

10

11 Q. Would you describe the expected results for your on-  
12 going and pending programs during the January 2009  
13 through December 2009 recovery period?

14 A. The following is a synopsis of each program goal:

15 (1) Residential Energy Surveys - During the recovery  
16 period, 6,823 surveys are projected to be  
17 completed. The objective of this program is to  
18 provide Gulf Power's existing residential  
19 customers, and individuals building new homes,  
20 with energy conservation advice that is specific  
21 to the particular building being surveyed. These  
22 measures result in energy savings for the customer  
23 as well as energy and peak demand reductions on  
24 Gulf's system.

25 (2) Residential Geothermal Heat Pump - The objective

1 of this program is to reduce the demand and energy  
2 requirements of new and existing residential  
3 customers through the promotion and installation  
4 of advanced and emerging geothermal systems.  
5 During the upcoming projection period, 300  
6 customers are expected to participate in the  
7 program.

8 (3) GoodCents Select - This program is designed to  
9 provide the customer with a means of conveniently and  
10 automatically controlling and monitoring energy  
11 purchases in response to prices that vary during the  
12 day and by season in relation to Gulf's cost of  
13 producing or purchasing energy. The GoodCents Select  
14 system includes field units utilizing a communication  
15 gateway, major appliance load control relays, and a  
16 programmable thermostat (Superstat), all operating at  
17 the customer's home. The Company projects 1,250  
18 installations in 2009.

19 (4) Commercial/Industrial (C/I) Energy Analysis -  
20 This is an interactive program that provides  
21 commercial and industrial customers assistance in  
22 identifying energy conservation opportunities.  
23 The program is a prime tool for the Gulf Power  
24 Company C/I Energy Specialists to personally  
25 introduce customers to conservation measures,

1 including low or no-cost improvements or new  
2 electro-technologies to replace old or inefficient  
3 equipment. Further, this program facilitates the  
4 load factor improvement process necessary to  
5 increase performance for both the customer and the  
6 Company. Gulf Power projects 300 participants in  
7 2009.

8 (5) GoodCents Commercial Buildings - The GoodCents  
9 Building program objective is to reduce peak  
10 electrical demand and annual energy consumption in  
11 commercial/industrial buildings. This program  
12 provides guidelines and assistance to ensure that  
13 buildings are constructed with energy efficiency  
14 levels above the Florida Energy Efficiency Code  
15 for Building Construction. For the projection  
16 period, 180 buildings are expected to meet program  
17 standards.

18 (6) Commercial Geothermal Heat Pump - The objective of  
19 this program is to reduce the demand and energy  
20 requirements of new and existing commercial/  
21 industrial customers through the promotion and  
22 installation of advanced and emerging geothermal  
23 systems. During the upcoming projection period,  
24 20 customers are expected to participate in the  
25 program.

- 1           (7) Energy Services - The Energy Services program is  
2           designed to establish the capability and process  
3           to offer advanced energy services and energy  
4           efficient end-use equipment that is customized to  
5           meet the individual needs of large customers.  
6           Potential projects are evaluated on a case-by-case  
7           basis and must be cost effective to qualify for  
8           incentives or rebates. Types of projects covered  
9           under this program would include demand reduction  
10          or efficiency improvement retrofits, such as  
11          lighting (fluorescent and incandescent), motor  
12          replacements, HVAC retrofit (including geothermal  
13          applications), and new electro-technologies. For  
14          2009, Gulf projects at the meter energy reductions  
15          of 1,178,470 kWh, and at the meter demand  
16          reductions of 510 kW winter and 275 kW summer.
- 17          (8) Renewable Energy - The Renewable Energy Program is  
18          designed to encompass a variety of voluntary  
19          renewable and green energy programs under  
20          development by Gulf Power Company. Programs  
21          include voluntary pricing options like the  
22          EarthCents Solar (Photovoltaic Rate Rider) and the  
23          Solar for Schools Program. Additionally, this  
24          program will include expenses necessary to prepare  
25          and implement a renewable energy pilot program

1           utilizing landfill gas, wind, solar and other  
2           renewable energy sources. Costs associated with  
3           the Renewable Energy program are provided in  
4           Schedule C-2.

5           (9) Conservation Demonstration and Development - A  
6           package of conservation programs was approved by  
7           the FPSC in Order No. 23561 for Gulf Power Company  
8           to explore and to pursue research, development, and  
9           demonstration projects designed to promote energy  
10          efficiency and conservation. This program serves  
11          as an umbrella program for the identification,  
12          development, demonstration and evaluation of new or  
13          emerging end-use technologies. Costs associated  
14          with the Conservation Demonstration and Development  
15          program are provided in Schedule C-2.

16          (10) Solar Thermal Water Heating Program Pilot - Gulf  
17          Power filed this program for approval with the  
18          Commission in June, 2008. The proposed program is  
19          a three-year pilot designed to gauge utility  
20          customer interest in, and acceptance of, solar  
21          thermal water heating. Gulf will offer a \$1,000  
22          rebate payable to customers after a qualifying  
23          system has been installed by the customer and  
24          inspected by Company personnel. Gulf projects a  
25          maximum of 75 participants each year of this pilot

1 phase.

2 (11) Energy Education Program - Gulf Power filed this  
3 program for approval with the Commission in June,  
4 2008. The objective of the proposed Energy  
5 Education Program is to raise awareness of energy  
6 efficiency and conservation and to increase  
7 participation in conservation opportunities  
8 including Gulf's existing and future energy  
9 efficiency and conservation programs.

10

11 Q. Mr. Floyd, have there been any developments in any  
12 existing program that will have a significant effect on  
13 the amount being requested for recovery in 2008 or 2009?

14 A. Yes. Overall participation in Gulf's voluntary  
15 programs for 2008 has been lower than projected. Gulf  
16 believes that this is due in part to several factors  
17 including lower than projected customer growth and  
18 general economic conditions. Expenses for 2008 have  
19 been less than projected primarily due to delays in  
20 equipment availability for new installations in the  
21 GoodCents *Select* program. The equipment manufacturer  
22 has experienced developmental issues as it attempts to  
23 deliver new and upgraded components. In order to  
24 conserve the existing inventory of equipment, Gulf has  
25 temporarily suspended active promotion of the program.



1           The manufacturer anticipates delivery of the new  
2           equipment beginning April 2009.  
3           Additional expenses are projected in 2009 primarily due  
4           to the two new conservation programs awaiting  
5           Commission approval in Docket No. 080395-EG. The new  
6           programs are the Solar Thermal Water Heating Program  
7           Pilot and Energy Education Program. Costs associated  
8           with these programs are provided in Schedule C-2.  
9           Further description of these activities can be found in  
10          Schedule C-5.

11

12   Q.    How does the proposed 2009 Energy Conservation Cost  
13          Recovery factor for Rate Schedule RS compare with the  
14          factor applicable to December 2008 and how would the  
15          change affect the cost of 1,000 kWh on Gulf Power's  
16          residential rate RS?

17   A.    The current Energy Conservation Cost Recovery factor  
18          for Rate Schedule RS applicable through December 2008  
19          is 0.097¢/kWh compared with the proposed factor of  
20          0.085¢/kWh. For a residential customer who uses 1,000  
21          kWh in January 2009 the conservation portion of the  
22          bill would decrease from \$0.97 to \$0.85.

23

24   Q.    When does Gulf propose to collect these Energy  
25          Conservation Cost Recovery charges?

1 A. The factors will be effective beginning with the first  
2 bill group for January 2009 and continue through the  
3 last bill group for December 2009.

4

5 Q. Are there any other issues that you wish to address at  
6 this time?

7 A. Yes. Beginning January 1, 2009, Gulf will change its  
8 account numbers for the ECCR programs. The accounting  
9 treatment will not be impacted but only results in a  
10 re-labeling of the account numbers associated with each  
11 program. The FERC and Sub segments of the account  
12 number formerly representing each program will be  
13 replaced by a corresponding EWO (Engineering Work  
14 Order) segment. The values established for these new  
15 EWO segments are presented in Schedule C-6.

16

17 Q. Mr. Floyd, does this conclude your testimony?

18 A. Yes, it does.

19

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25

**PROGRESS ENERGY FLORIDA****DOCKET No. 080002-EG****DIRECT TESTIMONY OF  
JOHN A. MASIELLO**

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

2 A. My name is John A. Masiello. My business address is 3300 Exchange  
3 Place, Lake Mary, Florida 32746.

4

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

6 A. I am employed by Progress Energy Florida, Inc. (Progress Energy or the  
7 Company), as Director of DSM & Alternative Energy Strategy.

8

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

11 A. Yes.

12

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

14 A. The purpose of my testimony is to compare Progress Energy's actual costs  
15 of implementing conservation programs with the actual revenues collected  
16 through the Company's Energy Conservation Cost Recovery Clause  
17 (ECCR) during the period January 2007 through December 2007.

1 **Q. For what programs does Progress Energy seek recovery?**

2 A. Progress Energy seeks recovery through the ECCR for the following  
3 conservation programs approved by the Commission as part of the  
4 Company's DSM Plan, as well as for Conservation Program Administration  
5 (i.e., those common administration expenses not specifically linked to an  
6 individual program).

- 7 • Home Energy Check
- 8 • Home Energy Improvement
- 9 • Residential New Construction
- 10 • Low-Income Weatherization Assistance Program
- 11 • Energy Management (Residential and Commercial)
- 12 • Business Energy Check
- 13 • Better Business
- 14 • Commercial/Industrial New Construction
- 15 • Innovation Incentive
- 16 • Standby Generation
- 17 • Interruptible Service
- 18 • Curtailable Service
- 19 • Technology Development
- 20 • Qualifying Facility
- 21 • Renewable Energy Saver
- 22 • Neighborhood Energy Saver

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

2 A. Yes, Exhibit No. (JAM-1T) entitled, "Progress Energy Florida Energy  
3 Conservation Adjusted Net True-Up for the Period January 2007 through  
4 December 2007." There are five (5) schedules to this exhibit.

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

7 A. Yes. Exhibit JAM-1T presents Schedules CT-1 through CT-5. These  
8 schedules set out the actual costs incurred for all programs during the period  
9 from January 2007 through December 2007. They also describe the variance  
10 between actual costs and previously projected values for the same time  
11 period. Schedule CT-5 provides a brief summary report for each program that  
12 includes a program description, annual program expenditures and program  
13 accomplishments over the twelve-month period ending December 2007.

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

16 A. Yes. Schedule CT-1 shows that Progress Energy's actual net ECCR true-up  
17 for the twelve months ending December 31, 2007 was an over-recovery of  
18 \$14,173,827 including principal and interest. This amount is \$1,646,440 more  
19 than the previous estimate in the Company's September 29, 2007 ECCR  
20 Projection Filing.

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

23 A. Yes.

**PROGRESS ENERGY FLORIDA**  
**DOCKET No. 080002-EG**  
**DIRECT TESTIMONY OF**  
**JOHN A. MASIELLO**

September 12, 2008

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

2 A. My name is John A. Masiello. My business address is Progress Energy,  
3 3300 Exchange Place, Lake Mary, FL 32746.

4

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

6 A. I am employed by Progress Energy Florida, Inc. (Progress Energy or the  
7 Company) as Director, DSM & Alternative Energy Strategy.

8

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

11 A. Yes.

12

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

14 A. The purpose of my testimony is to describe the components and costs of  
15 the Company's Demand-Side Management Plan as approved by the  
16 Commission. I will detail the projected costs for implementing each program  
17 in that plan, explain how these costs are presented in my attached exhibit,  
18 and show the resulting Energy Conservation Cost Recovery (ECCR) factors  
19 for customer billings in 2009.

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

2 A. Yes, Exhibit No. \_\_\_\_\_ (JAM-1P) consists of Schedules (C-1 through C-5),  
3 which support Progress Energy's ECCR calculations for the 2008  
4 actual/estimated period and the 2009 projection period.

5  
6 **Q. For what programs does Progress Energy seek recovery?**

7 A. Progress Energy is seeking to recover those costs allowed pursuant to Rule  
8 25-17.015, F.A.C., for each of the following Commission-approved  
9 conservation programs, as well as for Conservation Program Administration  
10 (those common administration expenses not specifically linked to an  
11 individual program).

- 12 • Home Energy Check
- 13 • Home Energy Improvement
- 14 • Residential New Construction
- 15 • Low-Income Weatherization Assistance
- 16 • Neighborhood Energy Saver
- 17 • Load Management (Residential and Commercial EnergyWise)
- 18 • Renewable Energy Saver
- 19 • Business Energy Check
- 20 • Better Business
- 21 • Commercial/Industrial New Construction
- 22 • Innovation Incentive
- 23 • Standby Generation
- 24 • Interruptible Service
- 25 • Curtailable Service

- 1 • Technology Development
- 2 • Qualifying Facilities
- 3

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

5 A. My exhibit consists of Schedules C-1 through C-5. Schedule C-1 provides a  
6 summary of cost recovery clause calculations and information by retail rate  
7 schedule. Schedule C-2 provides annual and monthly conservation  
8 program cost estimates for the 2009 projection period for each conservation  
9 program, as well as for common administration expenses. Additionally,  
10 Schedule C-2 presents program costs by specific category (i.e. payroll,  
11 materials, incentives, etc.) and includes a schedule of estimated capital  
12 investments, depreciation and return for the projection period.

13 Schedule C-3 contains a detailed breakdown of conservation program  
14 costs by specific category and by month for the actual/estimated period of  
15 January through July 2008 (actual) and August through December 2008  
16 (estimated). In addition, Schedule C-3 presents a schedule of capital  
17 investment, depreciation and return, an energy conservation adjustment  
18 calculation of true-up, and a calculation of interest provision for the 2008  
19 actual/estimated period.

20 Schedule C-4 projects ECCR revenues during the 2009 projection  
21 period. Schedule C-5 presents a brief description of each program, as well  
22 as a summary of progress and projected expenditures for each program for  
23 which Progress Energy seeks cost recovery through the ECCR clause.

24

25



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

2 A. Yes. Schedule C-2, Page 1 of 6, Line 22, shows total net program costs of  
 3 \$85,332,907 for the 2009 projection period. The following table presents  
 4 Progress Energy's proposed ECCR billing factors, expressed in dollars per  
 5 1,000 kilowatt-hours by retail rate class and voltage level for calendar year  
 6 2009, as contained in Schedule C-1, Page 2 of 2.

7 **2009 ECCR Billing Factors (\$/1,000 kWh)**

8	<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>	
9	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>	
9	<b><u>Retail Rate Schedule</u></b>			
10	Residential	\$2.23	N/A	N/A
11	General Service Non-Demand	\$2.02	\$2.00	\$1.98
12	General Service 100% Load Factor	\$1.64	N/A	N/A
13	General Service Demand	\$1.82	\$1.80	\$1.78
14	Curtaillable	\$1.53	\$1.51	\$1.50
15	Interruptible	\$1.69	\$1.67	\$1.66
16	Lighting	\$1.02	N/A	N/A

17  
 18 **Q. Does this conclude your testimony?**

19 A. Yes.

1                                   **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2                                   **PREPARED DIRECT TESTIMONY**

3                                   **OF**

4                                   **HOWARD T. BRYANT**

5  
6   **Q.**   Please state your name, address, occupation and employer.

7  
8   **A.**   My name is Howard T. Bryant. My business address is 702  
9           North Franklin Street, Tampa, Florida 33602. I am  
10           employed by Tampa Electric Company ("Tampa Electric" or  
11           "the company") as Manager, Rates in the Regulatory  
12           Affairs Department.

13  
14   **Q.**   Please provide a brief outline of your educational  
15           background and business experience.

16  
17   **A.**   I graduated from the University of Florida in June 1973  
18           with a Bachelor of Science degree in Business  
19           Administration. I have been employed at Tampa Electric  
20           since 1981. My work has included various positions in  
21           Customer Service, Energy Conservation Services, Demand  
22           Side Management ("DSM") Planning, Energy Management and  
23           Forecasting, and Regulatory Affairs. In my current  
24           position I am responsible for the company's Energy  
25           Conservation Cost Recovery ("ECCR") clause, Environmental

1 Cost Recovery Clause ("ECRC"), and retail rate design.

2

3 **Q.** Have you previously testified before the Florida Public  
4 Service Commission ("Commission")?

5

6 **A.** Yes. I have testified before this Commission on  
7 conservation and load management activities, DSM goals  
8 setting and DSM plan approval dockets, and other ECCR  
9 dockets since 1993, and ECRC activities since 2001.

10

11 **Q.** What is the purpose of your testimony in this proceeding?

12

13 **A.** The purpose of my testimony is to support the company's  
14 actual conservation costs incurred during the period  
15 January 2007 through December 2007, the actual/projected  
16 period January 2008 to December 2008, and the projected  
17 period January 2009 through December 2009. Also, I will  
18 support the level of charges (benefits) for the non-firm  
19 interruptible customers allocated to the period January  
20 2009 through April 2009. The balance of costs will be  
21 charged to the firm customers on a per kilowatt-hour  
22 ("kWh") basis in accordance with Docket No. 930759-EG,  
23 Order No. PSC-93-1845-FOF-EG, dated December 29, 1993.  
24 Furthermore, I will support the appropriate Contracted  
25 Credit Value ("CCV") for potential participants in the

1 General Service Industrial Load Management Riders ("GSLM-  
2 2" and "GSLM-3") for the period January 2009 through  
3 December 2009. In addition, I will support the  
4 appropriate residential variable pricing rates ("RSVP-1")  
5 for participants in the Residential Price Responsive Load  
6 Management Program for the period January 2009 through  
7 December 2009. Finally, my testimony will address the  
8 projected ECCR factors that would become effective in May  
9 2009 based on the company's rate design modification  
10 proposed in Docket No. 080317-EI.

11  
12 **Q.** Did you prepare any exhibits in support of your  
13 testimony?

14  
15 **A.** Yes. Exhibit No. \_\_\_\_\_ (HTB-2), containing two  
16 documents, were prepared under my direction and  
17 supervision. Document No. 1 includes Schedules C-1  
18 through C-5 and associated data which support the  
19 development of the conservation cost recovery factors for  
20 January through April 2009. Document No.2 supports the  
21 proposed ECCR factors for May through December 2009  
22 allocated on a 12 Coincident Peak ("CP") and 25 percent  
23 Average Demand ("AD") basis. The proposed methodology is  
24 described in the direct testimony of William R. Ashburn  
25 submitted in Docket No. 080317-EI.

1    **Q.**    What is the basis of this request for expenses to be  
2           based on different charges for interruptible and firm  
3           customers?  
4

5    **A.**    Tampa Electric's conservation and load management  
6           programs do not accrue capacity benefits to interruptible  
7           customers.    This position has been affirmed by the  
8           Commission in Docket Nos. 900002-EG through 070002-EG.  
9           The company estimates the cumulative effects of its  
10          conservation and load management programs will allow the  
11          interruptible customers to have lower fuel costs  
12          (\$0.50/MWH) due to the reductions in marginal fuel costs.  
13

14   **Q.**    How were those benefits calculated?  
15

16   **A.**    To determine fuel savings effects, the company calculated  
17          a "what if there had been no conservation programs"  
18          scenario.    The results indicate that the avoided  
19          gigawatt-hours have actually reduced average fuel costs  
20          due to the fact that higher priced marginal fuels would  
21          have been burned if the gigawatt-hours had not been  
22          saved.    Exhibit No. \_\_\_\_ (HTB-2), Conservation Costs  
23          Projected, provides the costs and benefits.  
24  
25

1 Q. Will charging different amounts for firm and  
2 interruptible customers conflict with the Florida Energy  
3 Efficiency and Conservation Act?  
4

5 A. No. The act requires utilities, through the guidance of  
6 the Commission, to cost effectively reduce peak demand,  
7 energy consumption and the use of scarce resources,  
8 particularly petroleum fuels. It does not require all  
9 customers to pay the utilities' conservation costs  
10 whether they receive the same level of benefits or not.  
11 The relationships between costs and benefits received are  
12 specifically the determination of the Commission.  
13

14 Q. Please describe the conservation program costs projected  
15 by Tampa Electric during the period January 2007 through  
16 December 2007.  
17

18 A. For the period January 2007 through December 2007, Tampa  
19 Electric projected conservation program costs to be  
20 \$14,294,475. The Commission authorized collections to  
21 recover these expenses in Docket No. 060002-EG, Order No.  
22 PSC-06-0994-FOF-EG, issued November 30, 2006.  
23

24 Q. For the period January 2007 through December 2007, what  
25 were Tampa Electric's conservation costs and what was

1 recovered through the ECCR clause?

2

3 **A.** For the period January 2007 through December 2007, Tampa  
4 Electric incurred actual net conservation costs of  
5 \$13,652,585, plus a beginning true-up over-recovery of  
6 \$1,192,467 for a total of \$12,460,118. The amount  
7 collected in the ECCR clause was \$12,983,767.

8

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

10

11 **A.** The true-up amount for the period January 2007 through  
12 December 2007 was an over-recovery of \$566,948. These  
13 calculations are detailed in Exhibit No. \_\_\_\_ (HTB-1),  
14 Conservation Cost Recovery True Up, Pages 2 through 13,  
15 filed May 1, 2008.

16

17 **Q.** Please describe the conservation program costs incurred  
18 and projected to be incurred by Tampa Electric during the  
19 period January 2008 through December 2008.

20

21 **A.** The actual costs incurred by Tampa Electric through July  
22 2008 and estimated for August 2008 through December 2008  
23 are \$17,808,423. For the period, Tampa Electric  
24 anticipates an over-recovery in the ECCR Clause of  
25 \$147,136 which includes the 2007 true-up and interest. A

1 summary of these costs and estimates are fully detailed  
 2 in Exhibit No. \_\_\_\_ (HTB-2), Conservation Costs Projected,  
 3 pages 16 through 32.

4  
 5 **Q.** Has Tampa Electric proposed and new or modified DSM  
 6 Programs for ECCR cost recovery for the period January  
 7 2009 through December 2009.

8  
 9 **A.** No.

10  
 11 **Q.** Please summarize the proposed conservation costs for the  
 12 period January 2009 through December 2009 and the  
 13 annualized recovery factors applicable for the period  
 14 January through April 2009.

15  
 16 **A.** The company has estimated that the total conservation  
 17 costs (less program revenues) during the period will be  
 18 \$18,548,986 plus true-up. Including true-up estimates  
 19 and the interruptible sales contribution at 0.050  
 20 cents/kWh, the January through April 2009 cost recovery  
 21 factors for firm retail rate classes are as follows:

	<b>Cost Recovery Factors</b>
<b><u>Rate Schedule</u></b>	<b><u>(cents per kWh)</u></b>
24 RS	0.106
25 GS and TS	0.102



1	GSD - Secondary	0.086
2	GSD - Primary	0.085
3	GSLD and SBF - Secondary	0.079
4	GSLD and SBF - Primary	0.078
5	GSLD and SBF - Subtransmission	0.077
6	SL and OL	0.040

7

8 Exhibit No. \_\_\_\_ (HTB-2), Conservation Costs Projected,  
9 pages 17 through 24 contain the Commission prescribed  
10 forms which detail these estimates.

11

12 Later in my testimony, I will address the impact of Tampa  
13 Electric's proposed rate design in Docket No. 080317-EI  
14 on the ECCR clause and how the company proposes to  
15 allocate and collect conservation costs for the May  
16 through December 2009 period.

17

18 **Q.** Has Tampa Electric complied with the ECCR cost allocation  
19 methodology stated in Docket No. 930759-EG, Order No.  
20 PSC-93-1845-EG?

21

22 **A.** Yes, it has.

23

24 **Q.** Please explain why the incentive for GSLM-2 and GSLM-3  
25 rate riders is included in your testimony.

1   **A.**   In Docket No. 990037-EI, Tampa Electric petitioned the  
2           Commission to close its non-cost-effective interruptible  
3           service rate schedules while initiating the provision of  
4           a cost-effective non-firm service through a new load  
5           management program. This program would be funded through  
6           the ECCR clause and the appropriate annual CCV for  
7           customers would be submitted for Commission approval as  
8           part of the company's annual ECCR projection filing.  
9           Specifically, the level of the CCV would be determined by  
10          using the Rate Impact Measure ("RIM") Test contained in  
11          the Commission's cost-effectiveness methodology found in  
12          Rule 25-17.008, F.A.C. By using a Rim Test benefit-to-  
13          cost ratio of 1.2, the level of the CCV would be  
14          established on a per kilowatt ("kW") basis. This program  
15          and methodology for CCV determination was approved by the  
16          Commission in Docket No. 990037-EI, Order No. PSC-99-  
17          1778-FOF-EI, issued September 10, 1999.

18  
19   **Q.**   What is the appropriate CCV for customers who elect to  
20          take service under the GSLM-2 and GSLM-3 rate riders  
21          during the January 2009 through December 2009 period?

22  
23   **A.**   For the January 2009 through December 2009 period, the  
24          CCV will be \$10.91 per kW. If the 2009 assessment for  
25          need determination indicates the availability of new non-

1 firm load, the CCV will be applied to new subscriptions  
2 for service under those rate riders. The application of  
3 the cost-effectiveness methodology to establish the CCV  
4 is found in the attached analysis, Exhibit No. \_\_\_\_ (HTB-  
5 2), Conservation Costs Projected, beginning on page 60  
6 through 63.

7  
8 **Q.** Please explain why the RSVP-1 rates for Residential Price  
9 Responsive Load Management are in your testimony.

10  
11 **A.** In Docket No. 070056-EG, Tampa Electric's petition to  
12 allow its pilot residential price responsive load  
13 management initiative to become permanent was approved by  
14 the Commission on August 28, 2007. This program is to be  
15 funded through the ECCR clause and the appropriate annual  
16 RSVP-1 rates for customers are to be submitted for  
17 Commission approval as part of the company's annual ECCR  
18 projection filing. Page 64 contains the projected RSVP-1  
19 rates for 2009.

20  
21 **Q.** What are the appropriate Price Responsive Load Management  
22 rates ("RSVP-1") for customers who elect to take service  
23 rate during the January 2009 through December 2009  
24 period?

25

1 **A.** For the January 2009 through December 2009 period, the  
 2 appropriate RSVP-1 rates for Tampa Electric's Price  
 3 Responsive Load Management program are as follows:

4	5	6
	<u>Rate Tier</u>	<u>Cents per kWh</u>
6	P4	57.802
7	P3	10.264
8	P2	(1.419)
9	P1	(3.856)

10  
 11 **Q.** Please describe the changes to the 2009 proposed  
 12 conservation costs and recovery factors related to Tampa  
 13 Electric's proposed rate design submitted in Docket No.  
 14 080317-EI.

15  
 16 **A.** Tampa Electric's proposed rate design is described in the  
 17 direct testimony of William R. Ashburn filed on August  
 18 11, 2008 in Docket No. 080317-EI. First, Tampa Electric  
 19 is proposing to combine all present demand rate  
 20 schedules, which consist of General Service - Demand  
 21 ("GSD"), General Service - Large Demand ("GSLD"), and  
 22 Interruptible Service ("IS") into one new proposed GSD  
 23 rate schedule. Second, the allocation of production  
 24 demand costs according to the 12 CP and 1/13<sup>th</sup> AD  
 25 methodology, where 1/13<sup>th</sup> or approximately eight percent

1 of the demand costs is allocated on an energy basis, has  
2 been modified to 12 CP and 25 percent AD to better  
3 reflect cost causation, as shown in the company's 2009  
4 Cost of Service Study.

5  
6 The primary impact to the ECCR clause will be caused by  
7 the elimination of the IS rate schedule and subsequent  
8 transfer of customers on this schedule to the firm GSD  
9 rate schedule. Tampa Electric anticipates the continued  
10 ability to interrupt these customers' loads. In turn,  
11 these customers will receive a monthly incentive under  
12 the GSLM-2 or GSLM-3 rate rider. Therefore, the GSLM-2  
13 and GSLM-3 incentives for May through December 2009 are  
14 estimated to increase by \$15,132,200. With the proposed  
15 rate class allocations, the May through December 2009  
16 cost recovery factors for firm retail rate classes are  
17 shown in Document No. 2 of Exhibit No. \_\_\_\_ (HTB-2). The  
18 document also demonstrates Tampa Electric proposes to  
19 collect ECCR clause revenue from the new GSD rate class  
20 on a billing KW basis.

21  
22 Finally, the impact to the RSVP-1 rate for the May  
23 through December 2009 period is shown in Document No. 2  
24 of Exhibit No. \_\_\_\_ (HTB-2). This reflects the impact  
25 of the above referenced rate design modifications

1 proposed in Docket No. 080317-EI and the overall cost  
2 increase to the ECCR clause.

3  
4 **Q.** How will the proposed ECCR factors be impacted if the  
5 implementation of the base rate adjustment rates is  
6 different from May 1, 2009?

7  
8 **A.** The proposed ECCR factors starting January 1, 2009 are  
9 annualized factors. Therefore, those factors would  
10 remain in effect until the Commission approves the  
11 proposed changes submitted as part of Docket No. 080317-  
12 EI.

13  
14 **Q.** Does this conclude your testimony?

15  
16 **A.** Yes it does.

17  
18  
19  
20  
21  
22  
23  
24  
25

1           **MS. FLEMING:** And, once again, Commissioners, since  
2 there are proposed stipulations on all issues, staff would  
3 recommend that the proposed stipulations found on the  
4 prehearing order on Pages 5 through 9, Issues 1 through 7, be  
5 approved by the Commission, noting that OPC and FIPUG have  
6 taken no position.

7           **CHAIRMAN CARTER:** Commissioners, we have entered the  
8 testimony, the witnesses, the exhibits have all been stipulated  
9 to. Staff is recommending that we accept the stipulation. Any  
10 questions or concerns?

11           Hearing none, the chair is open for a motion.

12           Commissioner Edgar, you're recognized.

13           **COMMISSIONER EDGAR:** Thank you, Mr. Chairman.

14           I would make the motion that we adopt as a Commission  
15 the stipulated issues in the 02 energy conservation docket.

16           **COMMISSIONER SKOP:** Second.

17           **CHAIRMAN CARTER:** It has been moved and properly  
18 seconded.

19           Commissioners, any questions, any concerns, any  
20 further debate?

21           Hearing none. All those in favor, let it be known by  
22 the sign of aye.

23           (Simultaneous aye.)

24           **CHAIRMAN CARTER:** All those opposed, like sign.

25           Show it done.

\* \* \* \* \*

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1 STATE OF FLORIDA )

2 :

CERTIFICATE OF REPORTER

3 COUNTY OF LEON )

4

5 I, JANE FAUROT, RPR, Chief, Hearing Reporter Services  
6 Section, FPSC Division of Commission Clerk, do hereby certify  
7 that the foregoing proceeding was heard at the time and place  
8 herein stated.

9

10 IT IS FURTHER CERTIFIED that I stenographically  
11 reported the said proceedings; that the same has been  
12 transcribed under my direct supervision; and that this  
13 transcript constitutes a true transcription of my notes of said  
14 proceedings.

15


16 I FURTHER CERTIFY that I am not a relative, employee,  
17 attorney or counsel of any of the parties, nor am I a relative  
18 or employee of any of the parties' attorney or counsel  
19 connected with the action, nor am I financially interested in  
20 the action.

21

DATED THIS 14th day of November, 2008.

22

23

  
\_\_\_\_\_  
JANE FAUROT, RPR  
Official FPSC Hearings Reporter  
(850) 413-6732

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**Comprehensive Exhibit List  
for Entry into Hearing Record**

Hearing I.D. #	Witness	I.D. # As Filed	Exhibit Description	Entered
<i>Staff</i>				
1		Exhibit List - 1	Comprehensive Exhibit List	
<i>Florida Power &amp; Light Company (Direct)</i>				
2	Maria Besada The prefiled exhibit of Maria Besada will be adopted by C. Dennis Brandt	MB-1	Schedules CT-1 thru CT-6 and Appendix A	
3	C. Dennis Brandt (Adopts Besada)	DB-1	Schedules C-1 thru C-5	
<i>Florida Public Utilities Company (Direct)</i>				
4	Marc S. Seagrave	MSS-1 (Composite)	True-Up Calculations and Schedules CT-1 thru CT-6	
5	Marc S. Seagrave	MSS-2 (Composite)	Projection Calculations and Schedules C-1 thru C-5	
<i>Gulf Power Company (Direct)</i>				
6	John N. Floyd	JNF-1	Schedules CT-1 thru CT-6	
7	John N. Floyd	JNF-2	Schedules C-1 thru C-6	
<i>Progress Energy Florida, Inc. (Direct)</i>				
8	John A. Masiello	JAM-1T	ECCR Adjusted Net True-Up for January – December 2007, Schedules CT1 – CT5	

**FLORIDA PUBLIC SERVICE COMMISSION**  
DOCKET NO. 080002-EG EXHIBIT 1  
COMPANY FL PSC Staff  
WITNESS Exhibit List-1  
DATE 11-04-08

**Comprehensive Exhibit List  
for Entry into Hearing Record**

Hearing I.D. #	Witness	I.D. # As Filed	Exhibit Description	Entered
9	John A. Masiello	JAM-1P	Estimated/Actual True-Up, January – December 2008 and ECCR Factors for Billings in January – December 2009, Schedules C1 – C5	
<i>Tampa Electric Company (Direct)</i>				
10	Howard T. Bryant	HTB-1	Schedules supporting cost recovery factor, actual January 2007 - December 2007	
11	Howard T. Bryant	HTB-2	Schedules supporting conservation costs projected for the period January 2009 - December 2009	

**HEARING EXHIBITS**

Exhibit Number	Witness	Party	Description	Moved In/Due Date of Late Filed
12				
13				
14				
15				

**HEARING EXHIBITS**

<b>Exhibit Number</b>	<b>Witness</b>	<b>Party</b>	<b>Description</b>	<b>Moved In/Due Date of Late Filed</b>
16				
17				
18				
19				
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24				
25				
26				

Schedule

Prepared By

CT-1, Page 1 of 1	Korel M. Dubin
CT-2, Page 1 of 5, Lines 1 -11	Maria Besada
CT-2, Page 1 of 5, Lines 12 - 19	Korel M. Dubin
CT-2, Pages 2 - 5 of 5	Maria Besada
CT-3, Pages 1 of 3	Maria Besada
CT-3, Pages 2 - 3 of 3	Korel M. Dubin
CT-4, Pages 1 - 3 of 3, Line 1	Maria Besada
CT-4, Pages 1 - 3 of 3, Lines 2 - 10	Korel M. Dubin
CT-5, Page 1 of 1	Maria Besada
CT-6, Pages 1 - 73 of 73	Maria Besada
Appendix A	Maria Besada

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 080002-E EXHIBIT 2  
COMPANY Florida Power & Light Co. (Direct)  
WITNESS Maria Besada (MB-1)  
DATE 11-04-08

Energy Conservation Cost Recovery  
Final True-Up for the Period  
January through December 2007

1. Actual End of Period True-Up (CT-3, Page 2 of 3, Lines 7 and 8)		
2. Principal	\$ 10,369,289	
3. Interest	<u>\$ 565,402</u>	<u>\$ 10,934,691</u>
4. Less Estimated/Actual True-Up approved at the November 2007 Hearing		
5. Principal	\$ 15,035,666	
6. Interest	<u>\$ 581,981</u>	<u>\$ 15,617,647</u>
7. Final Net True-Up to be carried over to the January 2009 through December 2009 period		<u><u>\$ (4,682,957)</u></u>

( ) Reflects Underrecovery

Totals may not add due to rounding.

**Energy Conservation Cost Recovery  
 Analysis of Program Costs  
 Actual VS Estimate for the Period  
 January through December 2007**

	Actual	Estimate (a)	Difference
1. Depreciation & Return	\$ 6,858,558	\$ 6,883,527	\$ (24,970)
2. Payroll & Benefits	23,206,902	24,149,530	(942,628)
3. Materials & Supplies	(1,385,247)	(1,321,656)	(63,591)
4. Outside Services	11,718,831	12,275,942	(557,111)
5. Advertising	7,166,237	7,543,215	(376,978)
6. Incentives	114,742,809	109,575,329	5,167,480
7. Vehicles	125,064	149,143	(24,079)
8. Other	<u>3,584,917</u>	<u>3,483,417</u>	<u>101,500</u>
9. SUB-TOTAL	\$ 166,018,072	162,738,453	\$ 3,279,619
10. Program Revenues	<u>(3,900,993)</u>	<u>(4,026,290)</u>	<u>125,297</u>
11. TOTAL PROGRAM COSTS	\$ 162,117,079	\$ 158,712,162	\$ 3,404,916
12. Amounts included in Base Rates	<u>(1,367,438)</u>	<u>(1,433,767)</u>	<u>66,329</u>
13. SUBTOTAL	\$ 160,749,639	\$ 157,278,397	\$ 3,471,242
14. ECCR Revenues (Net of Revenue Taxes)	<u>166,845,965</u>	<u>167,820,291</u>	<u>(974,326)</u>
a. Green Power Pricing Revenues Deffered	(389,682)	(168,874)	(220,808)
15. True-Up Before Interest (Line 14 + Line 14a) - Line 13	\$ 5,706,644	\$ 10,373,020	\$ (4,666,376)
16. Interest Provision	565,402	581,981	(16,579)
17. Prior Period True-Up (Jan-Dec 2006)	4,662,646	4,662,646	-
18. Deferred True-Up from Prior Period (Jan-Dec 2006)	<u>161,770</u>	<u>161,770</u>	<u>-</u>
19. End of Period True-Up	<u>\$ 11,096,460</u>	<u>\$ 15,779,417</u>	<u>\$ (4,682,957)</u>

(a) From Estimated/Actual. Approved 11/07 Hearing.  
 For Lines 15 - 19 ( ) reflects an underrecovery.

Totals may not add due to rounding

**Florida Power & Light Company**  
**CONSERVATION PROGRAM COSTS**  
 January through December 2007

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	\$	\$ 4,418,622	\$ 15,373	\$ 1,410,807	\$ 4,578,534	\$	\$ 36,211	\$ 705,715	\$ 11,165,263	\$	\$ 11,165,263	
2. Residential Building Envelope		279,119	106	117,207		6,732,659	2,054	32,166	7,163,311		7,163,311	
3. Residential Load Management ("On Call")	5,957,589	2,027,039	(1,869,204)	2,989,325	142,128	46,253,377	13,643	630,243	56,144,140		56,144,140	
4. Duct System Testing & Repair		860,026	27,069	77,374		1,995,552	6,935	(163,880)	2,803,076		2,803,076	
5. Residential Air Conditioning		1,023,972	390	300,269	4,877	10,874,599	6,793	153,367	12,364,267		12,364,267	
6. BuildSmart Program		766,919	24,560	175,736	28,565	20,225	5,366	127,868	1,149,239		1,149,239	
7. Low-Income Weatherization		6,247				25,925	13	4,908	37,093		37,093	
8. Res. Thermostat Load Control Pilot Proj.		2,039	118,086	66,795				13,811	200,731		200,731	
9. Business On Call	360,109	176,577		42,487	816	2,369,480	1,059	28,176	2,978,703		2,978,703	
10. Cogeneration & Small Power Production		373,977		7,225			97	(39,162)	342,137		342,137	
11. Business Efficient Lighting		56,332	13	32,032		449,147	282	7,177	544,983		544,983	
12. Commercial/Industrial Load Control	128,820	375,161	1,020	82,838		31,455,669	1,340	102,611	32,147,458		32,147,458	
13. Commercial Demand Reduction	26,385	76,017	957	638		3,706,752	566	24,382	3,835,696		3,835,696	
14. Business Energy Evaluation		2,356,149	811	700,258	2,354,175		11,077	340,291	5,762,761		5,762,761	
15. Business Heating, Ventilating & A/C		653,161	966	87,291	(21)	5,210,822	12,588	72,812	6,037,618		6,037,618	
16. Business Custom Incentive		24,544		28,000		2,931,089	115	945	2,984,694		2,984,694	
17. Business Building Envelope		233,223	10	58,932	19,461	2,683,093	1,473	19,927	3,016,119		3,016,119	
18. Business Water Heating		4,779	650		408	31,500	28	501	37,866		37,866	
19. Business Refrigeration		3,791		687	408	2,920	24	423	8,253		8,253	
20. Conservation Research & Development		33,917	7,628	470,806				1,291	513,643		513,643	
21. Green Power Pricing		369,007	11,692	3,477,347	32,830		579	23,639	3,915,094	(3,900,993)	14,100	
22. Common Expenses		385,656	9,086,284	274,627	1,592,778	4,056	24,822	1,497,705	12,865,927		12,865,927	
23. Total All Programs	\$	6,858,558	\$ 23,206,902	\$ (1,385,247)	\$ 11,718,831	\$ 7,166,237	\$ 114,742,809	\$ 125,064	\$ 3,584,917	\$ 166,018,072	\$ (3,900,993)	\$ 162,117,079
24. LESS: Included in Base Rates			(1,367,438)						(1,367,438)		(1,367,438)	
25. Recoverable Conservation Expenses	\$	6,858,558	\$ 21,839,464	\$ (1,385,247)	\$ 11,718,831	\$ 7,166,237	\$ 114,742,809	\$ 125,064	\$ 3,584,917	\$ 164,650,632	\$ (3,900,993)	\$ 160,749,639
Totals may not add to due rounding												



**Florida Power & Light Company**  
**CONSERVATION PROGRAM VARIANCE**  
 January through December 2007

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	\$	\$ (451,542)	\$ (431,144)	\$ 429,199	\$ (168,337)	\$	\$ (5,946)	\$ 32,765	\$ (595,004)	\$	\$ (595,004)
2. Residential Building Envelope		28,198		46,828		522,314	(754)	(10,798)	585,788		585,788
3. Residential Load Management ("On Call")	49,267	187,268	(23,033)	216,452	33,939	815,455	(14,026)	112,264	1,377,587		1,377,587
4. Duct System Testing & Repair		(76,953)	1,516	32,186		157,664	366	6,546	121,325		121,325
5. Residential Air Conditioning		(34,924)	(110)	(78,660)	(13,242)	1,796,984	(1,230)	(12,148)	1,656,670		1,656,670
6. BuildSmart Program		4,324	8,959	39,809	(70,398)	4,300	(643)	29,913	16,264		16,264
7. Low-Income Weatherization		1,072				2,250	6	816	4,144		4,144
8. Res. Thermostat Load Control Pilot Proj.		(38,184)	21,752	(213,338)				5,957	(223,813)		(223,813)
9. Business On Call	2,978	(895)	164,618	(140,884)		(9,415)	(142)	1,071	18,147		18,147
10. Cogeneration & Small Power Production		(28,419)					2	2,023	(26,394)		(26,394)
11. Business Efficient Lighting		5,311		2,904		20,963	73	(4,090)	25,161		25,161
12. Commercial/Industrial Load Control		(26,255)	(12,568)	(3,363)		1,431,151	316	(1,488)	1,387,794		1,387,794
13. Commercial Demand Reduction		9,867	379	(4,363)		(284,371)	212	(6,202)	(284,478)		(284,478)
14. Business Energy Evaluation		88,453	(1,684)	(115,161)	(182,341)		(1,721)	(10,884)	(223,338)		(223,338)
15. Business Heating, Ventilating & A/C		9,920	865	(45,080)	(1,164)	858,965	6,220	8,863	838,588		838,588
16. Business Custom Incentive		764		1,500		(44,805)	2	(64)	(42,602)		(42,602)
17. Business Building Envelope		46,563	(280)	(6,717)	(7,674)	(84,597)	(1,192)	(7,147)	(61,044)		(61,044)
18. Business Water Heating		1,912	650	(785)		(14,831)	23	276	(12,347)		(12,347)
19. Business Refrigeration		2,186		(729)		(4,548)	16	205	(2,462)		(2,462)
20. Conservation Research & Development		(17,769)	(42,229)	94,758			(500)	(2,229)	32,032		32,032
21. Green Power Pricing		86,806	799	(343,449)	30,300		353	8,882	(216,309)	125,297	(91,013)
22. Common Expenses	(77,215)	(740,332)	247,919	(468,220)	306		(5,514)	(53,033)	(1,096,090)		(1,096,090)
23. Total All Programs - Variance	\$ (24,970)	\$ (942,628)	\$ (63,591)	\$ (557,111)	\$ (376,978)	\$ 5,167,480	\$ (24,079)	\$ 101,500	\$ 3,279,619	\$ 125,297	\$ 3,404,916
24. LESS: Included in Base Rates - Variance		66,329							66,329		66,329
25. Recoverable Conservation Variance	\$ (24,970)	\$ (876,299)	\$ (63,591)	\$ (557,111)	\$ (376,978)	\$ 5,167,480	\$ (24,079)	\$ 101,500	\$ 3,345,946	\$ 125,297	\$ 3,471,242
Totals may not add to due rounding											

Conservation Account Numbers  
 January through December 2007

Program No.	ACCOUNT 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	909.600	RESIDENTIAL BUILDING ENVELOPE PROGRAM
3	440.300	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	582.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	586.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	587.200	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	587.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	592.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	592.880	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	597.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	598.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	908.500	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	908.540	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	909.106	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	908.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
4	909.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
5	908.410	RESIDENTIAL AIR CONDITIONING PROGRAM
5	909.410	RESIDENTIAL AIR CONDITIONING PROGRAM
6	456.870	BUILDSMART PROGRAM
6	908.770	BUILDSMART PROGRAM
6	909.770	BUILDSMART PROGRAM
7	908.800	LOW INCOME WEATHERIZATION PROGRAM
8	908.510	RES. THERMOSTAT LOAD CONTROL PILOT PROJ.
9	442.190	BUSINESS ON CALL
9	442.290	BUSINESS ON CALL
9	587.250	BUSINESS ON CALL
9	598.140	BUSINESS ON CALL
9	908.580	BUSINESS ON CALL
9	909.580	BUSINESS ON CALL
10	560.400	COGENERATION & SMALL POWER PRODUCTION
10	908.350	COGENERATION & SMALL POWER PRODUCTION
11	908.170	BUSINESS EFFICIENT LIGHTING PROGRAM
11	909.170	BUSINESS EFFICIENT LIGHTING PROGRAM
12	442.300	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	442.320	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	587.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	598.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	908.550	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	909.107	COMMERCIAL/INDUSTRIAL LOAD CONTROL

Conservation Account Numbers  
 January through December 2007

Program No.	ACCOUNT NO.	PROGRAM TITLE
13	442.340	COMMERCIAL DEMAND REDUCTION
13	442.350	COMMERCIAL DEMAND REDUCTION
13	442.360	COMMERCIAL DEMAND REDUCTION
13	908.490	COMMERCIAL DEMAND REDUCTION
14	456.150	BUSINESS ENERGY EVALUATION PROGRAM
14	908.400	BUSINESS ENERGY EVALUATION PROGRAM
14	908.430	BUSINESS ENERGY EVALUATION PROGRAM
14	909.430	BUSINESS ENERGY EVALUATION PROGRAM
14	909.450	BUSINESS ENERGY EVALUATION PROGRAM
15	908.150	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.420	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.440	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.590	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.860	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.150	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.420	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.440	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.590	BUSINESS HEATING, VENTILATING & A/C PROGRAM
16	908.180	BUSINESS CUSTOM INCENTIVE PROGRAM
16	908.190	BUSINESS CUSTOM INCENTIVE PROGRAM
16	909.180	BUSINESS CUSTOM INCENTIVE PROGRAM
17	908.300	BUSINESS BUILDING ENVELOPE PROGRAM
17	909.310	BUSINESS BUILDING ENVELOPE PROGRAM
18	908.870	BUSINESS WATER HEATING PROGRAM
19	908.880	BUSINESS REFRIGERATION PROGRAM
20	910.499	CONSERVATION RESEARCH & DEVELOPMENT PROGRAM
21	440.030	RES. GREEN POWER PRICING PROGRAM
21	440.080	RES. GREEN POWER PRICING PROGRAM
21	908.265	RES. GREEN POWER PRICING PROGRAM
21	909.499	RES. GREEN POWER PRICING PROGRAM
22	442.130	BUSINESS GREEN POWER PRICING PROGRAM
22	442.180	BUSINESS GREEN POWER PRICING PROGRAM
22	442.230	BUSINESS GREEN POWER PRICING PROGRAM
22	442.280	BUSINESS GREEN POWER PRICING PROGRAM
22	445.030	BUSINESS GREEN POWER PRICING PROGRAM
22	446.080	BUSINESS GREEN POWER PRICING PROGRAM
22	442.134	BUSINESS GREEN POWER PRICING PROGRAM
22	908.850	BUSINESS GREEN POWER PRICING PROGRAM
22	909.720	BUSINESS GREEN POWER PRICING PROGRAM
23	907.100	COMMON EXPENSES
23	908.130	COMMON EXPENSES
23	908.450	COMMON EXPENSES
23	908.460	COMMON EXPENSES
23	909.700	COMMON EXPENSES
23	910.100	COMMON EXPENSES
23	910.105	COMMON EXPENSES
23	910.120	COMMON EXPENSES
23	910.176	COMMON EXPENSES
23	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.

**Florida Power & Light Company**  
**CONSERVATION PROGRAM COSTS**  
 January through December 2007

Program Title	Actuals January	Actuals February	Actuals March	Actuals April	Actuals May	Actuals June	Actuals July	Actuals August	Actuals September	Actuals October	Actuals November	Actuals December	2007 TOTAL
1. Residential Conservation Service	\$ 365,107	\$ 386,911	\$ 508,099	\$ 496,217	\$ 483,732	\$ 574,612	\$ 2,472,667	\$ 1,932,017	\$ 1,335,693	\$ 935,794	\$ 1,069,792	\$ 604,623	\$ 11,165,263
2. Residential Building Envelope	97,121	130,620	257,087	840,568	511,049	595,840	501,986	634,332	720,969	903,357	1,199,051	771,330	7,163,311
3. Residential Load Management ("On Call")	3,583,013	3,249,732	3,409,858	5,036,393	5,256,369	5,592,652	5,450,039	5,683,188	5,548,394	5,653,741	3,907,037	3,773,725	56,144,140
4. Duct System Testing & Repair	130,996	192,720	285,147	264,980	283,727	310,813	189,890	270,293	254,177	178,739	177,828	263,765	2,803,076
5. Residential Air Conditioning	713,873	554,675	744,926	928,706	932,956	1,260,877	1,249,948	994,635	1,409,263	1,247,824	1,316,036	1,010,550	12,364,267
6. BuildSmart Program	77,766	69,904	104,107	85,265	89,628	91,136	99,399	96,895	85,723	80,476	110,250	158,691	1,149,239
7. Low-Income Weatherization	5,252	4,314	3,762	3,284	2,652	3,701	1,083	1,878	3,014	1,764	4,157	2,231	37,093
8. Res. Thermostat Load Control Pilot Proj.								300	100,592	1,383	23,646	74,810	200,731
9. Business On Call	55,704	60,253	64,407	348,271	412,326	424,680	381,854	445,297	415,479	413,293	99,877	(142,739)	2,978,703
10. Cogeneration & Small Power Production	28,531	30,114	36,675	25,948	24,472	26,945	24,017	25,632	28,642	26,031	31,998	33,132	342,137
11. Business Efficient Lighting	42,350	134,438	121,521	95,867	16,224	12,361	6,093	13,799	45,995	35,674	(6,044)	26,705	544,983
12. Commercial/Industrial Load Control	1,966,194	1,914,879	1,917,884	2,607,005	2,225,543	2,253,112	5,465,736	2,373,737	2,806,378	2,789,795	2,627,512	3,199,684	32,147,458
13. Commercial Demand Reduction	181,304	194,503	197,984	228,784	267,529	287,895	431,454	373,949	420,821	449,308	402,665	399,499	3,835,696
14. Business Energy Evaluation	257,881	210,425	335,680	207,509	408,183	393,622	1,178,903	1,043,033	749,674	367,914	251,089	358,847	5,762,761
15. Business Heating, Ventilating & A/C	86,473	173,063	426,480	179,503	182,570	710,408	734,772	798,417	113,359	473,051	1,013,587	1,145,935	6,037,618
16. Business Custom Incentive	2,341	879,669	880,905	2,858	46,030	230,171	878,952	1,459	1,767	51,609	7,173	1,760	2,984,694
17. Business Building Envelope	32,041	300,729	169,984	227,072	335,329	516,378	109,607	467,574	264,213	324,715	111,596	156,882	3,016,119
18. Business Water Heating	46	739	132	116	312	16,479	96	1,623	3,831	2,069	5,499	6,925	37,866
19. Business Refrigeration	46	440	478	124	312	1,726	183	1,140	617	580	917	1,691	8,253
20. Conservation Research & Development	1,354	2,613	22,278	43,460	2,904	29,113	277,903	22,628	30,074	2,801	2,952	75,564	513,643
21. Green Power Pricing	273,682	365,402	335,646	296,598	383,336	336,194	279,332	320,612	305,177	335,805	329,988	353,325	3,915,094
22. Common Expenses	902,473	828,242	1,628,634	1,283,664	873,150	1,018,797	914,396	1,013,129	1,022,184	1,115,988	1,037,819	1,227,451	12,865,927
<b>23. Total All Programs</b>	<b>\$ 8,803,548</b>	<b>\$ 9,684,385</b>	<b>\$ 11,451,673</b>	<b>\$ 13,202,192</b>	<b>\$ 12,738,331</b>	<b>\$ 14,687,512</b>	<b>\$ 20,648,311</b>	<b>\$ 16,515,564</b>	<b>\$ 15,666,037</b>	<b>\$ 15,391,708</b>	<b>\$ 13,724,424</b>	<b>\$ 13,504,385</b>	<b>\$ 166,018,072</b>
24. LESS: Included in Base Rates	(70,022)	(98,890)	(96,617)	(152,706)	(151,682)	(97,239)	(103,007)	(104,504)	(111,108)	(166,754)	(109,241)	(105,669)	(1,367,438)
<b>25. Recoverable Conservation Expenses</b>	<b>\$ 8,733,526</b>	<b>\$ 9,585,495</b>	<b>\$ 11,355,057</b>	<b>\$ 13,049,487</b>	<b>\$ 12,586,650</b>	<b>\$ 14,590,273</b>	<b>\$ 20,545,305</b>	<b>\$ 16,411,061</b>	<b>\$ 15,554,929</b>	<b>\$ 15,224,954</b>	<b>\$ 13,615,183</b>	<b>\$ 13,398,716</b>	<b>\$ 164,650,632</b>
Totals may not add to due rounding													

**FLORIDA POWER & LIGHT COMPANY  
CONSERVATION TRUE-UP & INTEREST CALCULATION  
JANUARY THROUGH DECEMBER 2007**

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>B. CONSERVATION PROGRAM REVENUES</b>													
1. a. RESIDENTIAL LOAD CONTROL CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b 1. GREEN POWER PRICING REVENUES	278,211	288,484	300,231	310,035	325,884	331,097	330,944	329,849	343,609	348,298	350,794	363,557	3,900,993
b 2. GREEN POWER PRICING REVENUES DEFERRED	(27,399)	(35,107)	8,565	(35,149)	36,877	(22,536)	(76,690)	(47,314)	(57,962)	(45,222)	(31,888)	(55,859)	(389,682)
c. BUILDSMART PROGRAM REVENUES													
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	13,287,075	11,770,833	11,640,072	11,807,810	13,042,847	14,416,880	16,170,473	16,305,216	17,049,662	15,166,168	13,371,092	12,817,838	166,845,965
3. TOTAL REVENUES	13,537,887	12,024,210	11,948,867	12,082,696	13,405,608	14,725,442	16,424,728	16,587,751	17,335,309	15,469,244	13,689,999	13,125,536	170,357,277
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	388,554	388,554	388,554	388,554	388,554	388,554	388,554	388,554	388,554	388,554	388,554	388,554	4,662,646
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	13,926,441	12,412,764	12,337,421	12,471,250	13,794,162	15,113,996	16,813,282	16,976,305	17,723,863	15,857,798	14,078,553	13,514,090	175,019,923
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 33)	8,733,526	9,585,495	11,355,057	13,049,487	12,586,650	14,590,273	20,545,305	16,411,061	15,554,929	15,224,954	13,615,183	13,398,716	164,650,632
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	5,192,915	2,827,269	982,364	(578,237)	1,207,512	523,723	(3,732,023)	565,244	2,168,934	632,844	463,370	115,374	10,369,289
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line C10)	31,707	47,690	54,545	53,967	53,879	56,314	47,719	40,554	44,375	44,934	44,361	45,357	565,402
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	4,662,646	9,498,714	11,985,119	12,633,474	11,720,650	12,593,487	12,784,970	8,712,112	8,929,356	10,754,111	11,043,335	11,162,512	4,662,646
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	161,770	161,770	161,770	161,770	161,770	161,770	161,770	161,770	161,770	161,770	161,770	161,770	161,770
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(388,554)	(4,662,646)
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)	\$9,660,484	\$12,146,889	\$12,795,244	\$11,882,420	\$12,755,257	\$12,946,740	\$8,873,882	\$9,091,126	\$10,915,881	\$11,205,105	\$11,324,282	\$11,096,459	\$11,096,460

NOTES: ( ) Reflects Underrecovery

**FLORIDA POWER & LIGHT COMPANY  
CONSERVATION TRUE-UP & INTEREST CALCULATION  
JANUARY THROUGH DECEMBER 2007**

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>C. INTEREST PROVISION</b>													
1. BEGINNING TRUE-UP AMOUNT ... (Line B9+B9a)	\$4,824,416	\$9,660,484	\$12,146,889	\$12,795,244	\$11,882,420	\$12,755,257	\$12,946,740	\$8,873,882	\$9,091,126	\$10,915,881	\$11,205,105	\$11,324,282	\$128,421,726
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST ... (Line B7+B9+B9a+B10)	9,628,777	12,099,199	12,740,699	11,828,453	12,701,378	12,890,426	8,826,163	9,050,572	10,871,506	11,160,171	11,279,921	11,051,102	134,128,367
3. TOTAL OF BEGINNING & ENDING TRUE-UP ... (Line C1+C2)	\$14,453,193	\$21,759,683	\$24,887,588	\$24,623,697	\$24,583,798	\$25,645,683	\$21,772,903	\$17,924,454	\$19,962,632	\$22,076,052	\$22,485,026	\$22,375,384	\$262,550,093
4. AVERAGE TRUE-UP AMOUNT ... (50% of Line C3)	\$7,226,597	\$10,879,842	\$12,443,794	\$12,311,849	\$12,291,899	\$12,822,842	\$10,886,452	\$8,962,227	\$9,981,316	\$11,038,026	\$11,242,513	\$11,187,692	\$131,275,047
5. INTEREST RATE - FIRST DAY OF REPORTING ... BUSINESS MONTH	5.27000%	5.26000%	5.26000%	5.26000%	5.26000%	5.26000%	5.28000%	5.24000%	5.62000%	5.05000%	4.72000%	4.75000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT ... BUSINESS MONTH	5.26000%	5.26000%	5.26000%	5.26000%	5.26000%	5.28000%	5.24000%	5.62000%	5.05000%	4.72000%	4.75000%	4.98000%	N/A
7. TOTAL (Line C5+C6)	10.53000%	10.52000%	10.52000%	10.52000%	10.52000%	10.54000%	10.52000%	10.86000%	10.67000%	9.77000%	9.47000%	9.73000%	N/A
8. AVERAGE INTEREST RATE ... (50% of Line C7)	5.26500%	5.26000%	5.26000%	5.26000%	5.26000%	5.27000%	5.26000%	5.43000%	5.33500%	4.88500%	4.73500%	4.86500%	N/A
9. MONTHLY AVERAGE INTEREST RATE ... (Line C8 / 12)	0.43875%	0.43833%	0.43833%	0.43833%	0.43833%	0.43917%	0.43833%	0.45250%	0.44458%	0.40708%	0.39458%	0.40542%	N/A
10. INTEREST PROVISION FOR THE MONTH ... (Line C4 x C9)	\$31,707	\$47,690	\$54,545	\$53,967	\$53,879	\$56,314	\$47,719	\$40,554	\$44,375	\$44,934	\$44,361	\$45,357	\$565,402

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

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Load Management (Program Nos. 3 & 9)**  
**For the Period January through December 2007**

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Investments (Net of Retirements)		\$58,000	\$1,053,637	\$844,611	\$604,886	(\$5,942,785)	\$1,041,410	(\$41,566)	\$1,283,657	\$777,240	\$678,656	(\$855,165)	\$368,707	(\$128,713)	1.
2.	Depreciation Base		24,192,475	25,246,112	26,090,723	26,695,608	20,752,823	21,794,233	21,752,667	23,036,324	23,813,563	24,492,220	23,637,055	24,005,762	n/a	2.
3.	Depreciation Expense (a)		384,793	415,159	444,800	399,851	367,846	414,683	355,197	482,507	467,660	485,844	395,097	385,163	4,998,600	3.
4.	Cumulative Investment (Line 2)	\$24,134,475	24,192,475	25,246,112	26,090,723	26,695,608	20,752,823	21,794,233	21,752,667	23,036,324	23,813,563	24,492,220	23,637,055	24,005,762	n/a	4.
5.	Less: Accumulated Depreciation	13,728,024	14,108,901	14,519,764	14,937,724	15,313,116	9,148,397	9,563,079	9,837,044	10,348,216	10,815,876	11,207,426	10,726,361	11,098,683	n/a	5.
6.	Net Investment (Line 4 - 5)	\$10,406,451	\$10,083,573	\$10,726,348	\$11,152,998	\$11,382,492	\$11,604,427	\$12,231,154	\$11,915,624	\$12,688,108	\$12,997,688	\$13,284,794	\$12,910,694	\$12,907,079		6.
7.	Average Net Investment		10,245,012	10,404,960	10,939,673	11,267,745	11,493,459	11,917,790	12,073,389	12,301,866	12,842,898	13,141,241	13,097,744	12,908,886	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		48,356	49,111	51,635	53,184	54,249	56,252	56,986	58,065	60,618	62,027	61,821	60,930		
b.	Equity Comp. grossed up for taxes		78,724	79,953	84,062	86,583	88,318	91,578	92,774	94,530	98,687	100,979	100,645	99,194	1,096,029	
c.	Debt Component (Line 7 * 1.8767% /12)		16,022	16,272	17,109	17,622	17,975	18,638	18,882	19,239	20,085	20,552	20,484	20,188	223,069	
9.	Total Return Requirements (Line 8b + 8c)		94,747	96,226	101,171	104,205	106,292	110,217	111,656	113,769	118,772	121,531	121,129	119,382	1,319,097	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$479,540	\$511,385	\$455,971	\$504,056	\$474,139	\$524,899	\$466,853	\$596,275	\$586,432	\$607,375	\$516,226	\$504,545	\$6,317,697	10.

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

(b) The Equity Component is 5.6640% based on a ROE of 11.75%.

**ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS**

3. Residential On Call Program (94.3%)	Depreciation	362,860	391,495	419,447	377,060	346,879	391,046	334,951	455,004	441,003	458,151	372,577	363,208	4,713,680
	Return	89,346	90,741	95,404	98,265	100,234	103,934	105,291	107,284	112,002	114,604	114,225	112,578	1,243,909
	<b>Total</b>	<b>\$ 452,206</b>	<b>\$ 482,236</b>	<b>\$ 514,851</b>	<b>\$ 475,325</b>	<b>\$ 447,113</b>	<b>\$ 494,980</b>	<b>\$ 440,242</b>	<b>\$ 562,288</b>	<b>\$ 553,005</b>	<b>\$ 572,755</b>	<b>\$ 486,801</b>	<b>\$ 475,786</b>	<b>\$ 5,957,589</b>
9. Business on Call Program (5.7%)	Depreciation	21,933	23,664	25,354	22,792	20,967	23,637	20,246	27,503	26,657	27,693	22,521	21,954	284,920
	Return	5,401	5,485	5,767	5,940	6,059	6,282	6,364	6,485	6,770	6,927	6,904	6,805	75,189
	<b>Total</b>	<b>\$ 27,334</b>	<b>\$ 29,149</b>	<b>\$ 31,120</b>	<b>\$ 28,731</b>	<b>\$ 27,026</b>	<b>\$ 29,919</b>	<b>\$ 26,611</b>	<b>\$ 33,988</b>	<b>\$ 33,427</b>	<b>\$ 34,620</b>	<b>\$ 29,425</b>	<b>\$ 28,759</b>	<b>\$ 360,109</b>
Total	Depreciation	384,793	415,159	444,800	399,851	367,846	414,683	355,197	482,507	467,660	485,844	395,097	385,163	4,998,600
	Return	94,747	96,226	101,171	104,205	106,292	110,217	111,656	113,769	118,772	121,531	121,129	119,382	1,319,097
	<b>Total</b>	<b>\$ 479,540</b>	<b>\$ 511,385</b>	<b>\$ 545,971</b>	<b>\$ 504,056</b>	<b>\$ 474,139</b>	<b>\$ 524,899</b>	<b>\$ 466,853</b>	<b>\$ 596,275</b>	<b>\$ 586,432</b>	<b>\$ 607,375</b>	<b>\$ 516,226</b>	<b>\$ 504,545</b>	<b>\$ 6,317,697</b>

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**C/I Load Control & Demand Reduction (Program Nos. 12 & 13)**  
**For the Period January through December 2007**

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	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		\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	\$768,804	n/a	2.
3.	Depreciation Expense (a)		12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	6,407	147,354	3.
4.	Cumulative Investment (Line 2)	768,804	768,804	768,804	768,804	768,804	768,804	768,804	768,804	768,804	768,804	768,804	768,804	768,804	n/a	4.
5.	Less: Accumulated Depreciation (c)	621,450	634,263	647,077	659,890	672,704	685,517	698,330	711,144	723,957	736,771	749,584	762,397	768,804	n/a	5.
6.	Net Investment (Line 4 - 5)		\$147,354	\$134,541	\$121,727	\$108,914	\$96,100	\$83,287	\$70,474	\$57,660	\$44,847	\$32,033	\$19,220	\$6,407	\$0	6.
7.	Average Net Investment		\$140,947	\$128,134	\$115,321	\$102,507	\$89,694	\$76,880	\$64,067	\$51,254	\$38,440	\$25,627	\$12,813	\$3,203	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		665	605	544	484	423	363	302	242	181	121	60	15	4,007	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/61425)		1,083	985	886	788	689	591	492	394	295	197	98	25	6,523	8b.
c.	Debt Component (Line 7 * 1.8767% /12)		220	200	180	160	140	120	100	80	60	40	20	5	1,328	8c.
9.	<b>Total Return Requirements (Line 8b + 8c)</b>		1,303	1,185	1,066	948	829	711	592	474	355	237	118	30	7,851	9.
10.	<b>Total Depreciation &amp; Return (Line 3 + 9)</b>		\$14,117	\$13,998	\$13,880	\$13,761	\$13,643	\$13,524	\$13,406	\$13,287	\$13,169	\$13,050	\$12,932	\$6,436	\$155,205	10.

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

(b) The Equity Component is 5.6640% based on a ROE of 11.75%.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS															
12. C/I Load Control Program (83%)	Depreciation	10,635	10,635	10,635	10,635	10,635	10,635	10,635	10,635	10,635	10,635	10,635	10,635	5,318	122,304
	Return	1,082	984	885	787	688	590	492	393	295	197	98	25	6,516	
	<b>Total</b>	\$ 11,717	\$ 11,619	\$ 11,520	\$ 11,422	\$ 11,324	\$ 11,225	\$ 11,127	\$ 11,029	\$ 10,930	\$ 10,832	\$ 10,733	\$ 5,342	\$ 128,820	
13. Commercial Demand Reduction Pgm. (17%)	Depreciation	2,178	2,178	2,178	2,178	2,178	2,178	2,178	2,178	2,178	2,178	2,178	2,178	1,089	25,050
	Return	222	201	181	161	141	121	101	81	60	40	20	5	1,335	
	<b>Total</b>	\$ 2,400	\$ 2,380	\$ 2,360	\$ 2,339	\$ 2,319	\$ 2,299	\$ 2,279	\$ 2,259	\$ 2,239	\$ 2,219	\$ 2,198	\$ 1,094	\$ 26,385	
Total	Depreciation	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	12,813	6,407	147,354
	Return	1,303	1,185	1,066	948	829	711	592	474	355	237	118	30	7,851	
	<b>Total</b>	\$ 14,117	\$ 13,998	\$ 13,880	\$ 13,761	\$ 13,643	\$ 13,524	\$ 13,406	\$ 13,287	\$ 13,169	\$ 13,050	\$ 12,932	\$ 6,436	\$ 155,205	



**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Common Expenses (Program No. 22)**  
**For the Period January through December 2007**

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	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		<u>3,389,178</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	<u>1,647,147</u>	n/a	2.
3.	Depreciation Expense (a)		<u>42,704</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>27,452</u>	<u>22,531</u>	<u>339,757</u>	3.
4.	Cumulative Investment (Line 2)	\$3,389,178	\$3,389,178	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	\$1,647,147	n/a	4.
5.	Less: Accumulated Depreciation (c)	\$2,796,465	\$2,839,169	\$1,124,590	\$1,152,042	\$1,179,494	\$1,206,946	\$1,234,399	\$1,261,851	\$1,289,303	\$1,316,755	\$1,344,207	\$1,371,660	\$1,394,191	n/a	5.
6.	Net Investment (Line 4 - 5)	<u>\$592,713</u>	<u>\$550,009</u>	<u>\$522,557</u>	<u>\$495,105</u>	<u>\$467,653</u>	<u>\$440,200</u>	<u>\$412,748</u>	<u>\$385,296</u>	<u>\$357,844</u>	<u>\$330,391</u>	<u>\$302,939</u>	<u>\$275,487</u>	<u>\$252,956</u>		6.
7.	Average Net Investment		\$571,361	\$536,283	\$508,831	\$481,379	\$453,926	\$426,474	\$399,022	\$371,570	\$344,118	\$316,665	\$289,213	\$264,221	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		2,697	2,531	2,402	2,272	2,143	2,013	1,883	1,754	1,624	1,495	1,365	1,247	23,426	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/61425)		4,390	4,121	3,910	3,699	3,488	3,277	3,066	2,855	2,644	2,433	2,222	2,030	38,137	8b.
c.	Debt Component (Line 7 * 1.8767% /12)		894	839	796	753	710	667	624	581	538	495	452	413	7,762	8c.
9.	Total Return Requirements (Line 8b + 8c)		<u>5,284</u>	<u>4,960</u>	<u>4,706</u>	<u>4,452</u>	<u>4,198</u>	<u>3,944</u>	<u>3,690</u>	<u>3,436</u>	<u>3,182</u>	<u>2,929</u>	<u>2,675</u>	<u>2,444</u>	<u>45,899</u>	9.
10.	Total Depreciation & Return (Line 3 + 9)		<u>\$47,988</u>	<u>\$32,412</u>	<u>\$32,158</u>	<u>\$31,904</u>	<u>\$31,650</u>	<u>\$31,396</u>	<u>\$31,142</u>	<u>\$30,889</u>	<u>\$30,635</u>	<u>\$30,381</u>	<u>\$30,127</u>	<u>\$24,975</u>	<u>\$385,656</u>	10.

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

(b) The Equity Component is 5.6640% based on a ROE of 11.75%.

**Docket No. 080002-EG**  
**Exhibit No. \_\_\_\_\_**  
**Florida Power & Light Co.**  
**(MB-1)**  
**Schedule CT-5**  
**Page 1 of 1**

**Reconciliation and Explanation of**  
**Differences between Filing and FPSC Audit**  
**Report for Months: January 2007 through December 2007**

**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 January through December 2007:** During this period 165,575 energy audits were completed. The estimate for this period was 119,314 energy audits.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$11,165,263 or \$595,004 less than projected. This program is deemed on target with a five percent variance.

**Program Progress Summary:** Program inception to date, 2,420,103 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 January through December 2007:** During this period 15,769 installations were completed. The estimate for this period was 16,610 installations.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$7,163,311 or \$585,788 more than projected due to more reflective roof installations realized than anticipated which increased incentives.

**Program Progress Summary:** Program inception to date, 748,360 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 Accomplishments for January through December 2007:** Installation of equipment at seven additional substations and a total of 761,569 program participants with load control installed in their homes. The estimate for the period was a total of 761,400 program participants with load control installed in their homes.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$56,144,140 or \$1,377,587 more than projected. This program is deemed on target with a less than three percent variance.

**Program Progress Summary:** Program inception to date, there are 761,569 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 Accomplishments for January through December 2007:** During this period, 31,605 installations were completed. The estimate for this period was 31,467 installations.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$2,803,076 or \$121,325 more than projected. This program is deemed on target with a less than five percent variance.

**Program Progress Summary:** Program inception to date, 436,464 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 January through December 2007:** During this period 33,516 installations were completed. The estimate for this period was 29,248 installations.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$12,364,267 or \$1,656,670 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, 939,560 installations have been completed.

## 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 reduces FPL's coincident peak load and customer energy consumption.

**Program Accomplishments for the period January through December 2007:** During this period program accomplishments included 4,084 homes. The estimate for this period was 4,362 homes

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$1,149,239 or \$16,264 more than projected. This program is deemed on target with a one percent variance.

**Program Progress Summary:** Program inception to date, 18,571 homes have been completed.



## PROGRAM DESCRIPTION AND PROGRESS

**Project Title: Low-Income Weatherization Program**

**Program Description:** This program employed a combination of energy audits and incentives to encourage low-income housing administrators to perform tune-ups of Heating and Ventilation Air Conditioning (HVAC) systems and install reduced air infiltration energy efficiency measures.

**Project Accomplishments for the period January through December 2007:** During this period program accomplishments included 409 installations. The estimate for this period was 344 installations.

**Project Fiscal Expenditures for January through December 2007:** Total expenditures were \$37,093 or \$4,144 more than projected due to more installations than anticipated.

**Project Progress Summary:** Program to date, 885 installations have been completed.

## **PROGRAM DESCRIPTION AND PROGRESS**

### **Project Title: Residential Thermostat Load Control Pilot Project**

**Program Description:** This project provides participating residential customers a programmable thermostat and the option of overriding FPL's control of their central air conditioning and heating appliances via telephone or the Internet.

**Project Accomplishments for the period January through December 2007:** During this period program accomplishments included 182 installations. The estimate for this period was 350 installations.

**Project Fiscal Expenditures for January through December 2007:** Total expenditures were \$200,731 or \$223,813 less than projected due to fewer installations than anticipated.

**Project Progress Summary:** FPL submitted a petition on June 15, 2007, requesting approval of the pilot project and received approval for the pilot to be effective from August 14, 2007 to August 13, 2009. As of year-end 2007, equipment has been installed in 182 of the pilot homes.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business On Call Program**

**Program Description:** This program is designed to offer voluntary load control of central air conditioning to GS and GSD customers.

**Program Accomplishments for January through December 2007:** During this period total reduction was 80 MW at the generator. The estimate for this period was 78 MW.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$2,978,703 or \$18,147 more than projected. This program is deemed on target with a less than one percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 80 MW at the generator.

**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 January through December 2007:** FPL received 719 MW of firm capacity at time of system peak and 5,527 GWh of purchase power. Five firm and seven as-available power producers participated. The estimate for the period was expected to include 737.6 MW of firm capacity at time of system peak and 5,668 GWh of purchase power.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$342,137 or \$26,394 less projected. This program is deemed on target with a seven percent variance.

**Program Progress Summary:** Total MW under contract (facility size) is 737.6 MW of which 737.6 MW is committed capacity.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Efficient Lighting**

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

**Program Accomplishments for January through December 2007:** During this period total reduction was 5,444 kW. The estimate for this period was 5,131 kW.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$544,983 or \$25,161 more than projected. This program is deemed on target with a five percent variance.

**Program Progress Summary:** Program to date, total reduction is 263,994 kW.

## **PROGRAM DESCRIPTION AND PROGRESS**

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

**Program Description:** A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

**Program Accomplishments for January through December 2007:** During this period the demand reduction capability from program participants was a total of 515 MW at the generator. The target reduction for the period was 516 MW at the generator.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$32,147,458 or \$1,387,794 more than projected. This program is deemed on target with a less than five percent variance.

**Program Progress Summary:** Program to date, participation in this program totals 515 MW at the generator. This program is closed to new participants.

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

**During the Period: January through December 2007**

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	1/24/2007	GSD-1	Reduced operations
Customer No. 2	10/19/2007	GSD-1	Reduced operations
Customer No. 3	*9/26/2006	GSD-1	Reduced operations

\*Customer No. 3 was not included in the 2006 ECCR True-Up filed May 2, 2007.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Commercial Demand Reduction**

**Program Description:** A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

**Program Accomplishments for January through December 2007:** During this period the demand reduction capability from program participants was a total of 120 MW at the generator. The target reduction for the period was 118 MW at the generator.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$3,835,696 or \$284,478 less than projected. This program is deemed on target with a seven percent variance.

**Program Progress Summary:** Program to date, participation in this program totals 120 MW at the generator.



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Energy Evaluation**

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

**Program Accomplishments for January through December 2007:** During this period 11,755 energy evaluations were completed. The estimate for this period was 11,272 energy evaluations.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$5,762,761 or \$223,338 less than projected. This program is deemed on target with a less than four percent variance.

**Program Progress Summary:** Program inception to date, 117,560 energy evaluations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business 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 business customers by increasing the use of high efficiency heating, ventilating and air conditioning (HVAC) systems.

**Program Accomplishments for January through December 2007:** During this period total demand reduction was 14,943 kW. The estimate for this period was 13,905 kW.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$6,037,618 or \$838,588 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 307,792 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Custom Incentive**

**Program Description:** A program designed to assist FPL's business customers to achieve electric demand and energy savings that are cost-effective to all FPL customers. FPL will provide incentives to qualifying customers who purchase, install and successfully operate cost-effective energy efficiency measures not covered by other FPL programs.

**Program Accomplishments for January through December 2007:** During this period program accomplishments included the completion of four projects for a total of 13,800 kW of summer peak demand reduction. See Pages 18-29, 30-41, 42-53, and 54-65 for cost-effectiveness results on each project.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$2,984,694 or \$42,602 less than projected. This program is deemed on target with a one percent variance.

**Program Progress Summary:** Program to date total reduction is 32,086 kW.

1  
2  
3

INPUT DATA -- PART 1 CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	157.76 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	211.57 KW
(3) KW LINE LOSS PERCENTAGE .....	9.03 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER .....	1,109,651.01 KWh
(5) KWH LINE LOSS PERCENTAGE .....	7.16 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER KWH INCREASE AT METER .....	0.00 KWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	26 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.63861
(5) K FACTOR FOR T & D .....	1.92296

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER .....	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER .....	*** \$/CUST
(3) UTILITY COST ESCALATION RATE .....	*** %**
(4) CUSTOMER EQUIPMENT COST .....	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE .....	*** %**
(6) CUSTOMER O & M COST .....	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE .....	*** %**
* (8) INCREASED SUPPLY COSTS .....	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES .....	*** %**
* (10) UTILITY DISCOUNT RATE .....	8.82 %
* (11) UTILITY AFUDC RATE .....	7.47 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE .....	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE .....	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE .....	*** %

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
\*\* VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)  
\*\*\* PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR .....	2006
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2009-2011
(4) BASE YEAR AVOIDED GENERATING COST .....	522.00 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	147.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	17.27 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	26.29 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	3.72 %**
(10) TRANSMISSION FIXED O & M COST .....	2.68 \$/KW
(11) DISTRIBUTION FIXED O & M COST .....	0.95 \$/KW
(12) T&D FIXED O&M ESCALATION RATE .....	3.72 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.081 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	1.46 %**
(15) GENERATOR CAPACITY FACTOR .....	2% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	7.20 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	-0.47 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL .....	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE .....	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL .....	*** \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE .....	*** %

1  
2  
3

\* INPUT DATA -- PART 1 CONTINUED  
 PROGRAM METHOD SELECTED: REV\_REQ  
 PROGRAM NAME: ██████████

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2006	0	0	0	0	0	0	0	0	0	
2007	1	44	0	45	38	6	374	0	374	
2008	0	0	0	0	70	13	0	0	0	
2009	0	0	0	0	61	13	0	0	0	
2010	0	0	0	0	60	12	0	0	0	
2011	0	0	0	0	55	11	0	0	0	
2012	0	0	0	0	55	12	0	0	0	
2013	0	0	0	0	57	12	0	0	0	
2014	0	0	0	0	59	12	0	0	0	
2015	0	0	0	0	62	12	0	0	0	
2016	0	0	0	0	68	13	0	0	0	
2017	0	0	0	0	72	13	0	0	0	
2018	0	0	0	0	75	14	0	0	0	
2019	0	0	0	0	77	16	0	0	0	
2020	0	0	0	0	80	16	0	0	0	
2021	0	0	0	0	82	16	0	0	0	
2022	0	0	0	0	85	17	0	0	0	
2023	0	0	0	0	87	17	0	0	0	
2024	0	0	0	0	90	17	0	0	0	
2025	0	0	0	0	94	16	0	0	0	
2026	0	0	0	0	97	16	0	0	0	
2027	2	44	0	45	100	16	544	0	544	
2028	0	0	0	0	104	16	0	0	0	
2029	0	0	0	0	106	16	0	0	0	
2030	0	0	0	0	110	17	0	0	0	
2031	0	0	0	0	113	17	0	0	0	

NOM	3	87	0	90	1,956	357	918	0	0	918
NPV	1	47	0	49	677	129	436	0	0	436

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
 \*\* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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CALCULATION OF GENK-FACTOR  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME: ██████████

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
YEAR	REQ-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2011	137	4	0	9	6	3	1	5	(0)	28	28	28	134
2012	132	4	0	9	4	2	1	5	2	27	25	52	134
2013	125	4	0	8	4	2	1	5	1	26	22	74	138
2014	118	4	0	8	4	2	1	5	1	25	19	93	142
2015	111	3	0	7	4	2	1	5	1	24	17	110	147
2016	105	3	0	7	4	2	1	5	1	23	15	124	151
2017	99	3	0	6	4	2	1	5	1	22	13	138	156
2018	93	3	0	6	4	2	1	5	0	21	12	149	160
2019	87	3	0	6	3	2	1	5	0	20	10	159	165
2020	81	3	0	5	3	2	1	5	0	19	9	168	170
2021	76	2	0	5	3	2	1	5	0	18	8	176	175
2022	70	2	0	5	3	1	1	5	0	17	7	183	180
2023	64	2	0	4	2	1	1	5	0	17	6	189	186
2024	58	2	0	4	2	1	1	5	0	16	5	194	191
2025	53	2	0	3	2	1	1	5	0	15	5	199	197
2026	47	1	0	3	2	1	1	5	0	14	4	202	203
2027	41	1	0	3	2	1	1	5	0	13	3	206	209
2028	36	1	0	2	1	1	1	5	0	12	3	209	215
2029	30	1	0	2	1	1	1	5	0	11	2	211	222
2030	24	1	0	2	1	1	1	5	0	11	2	213	229
2031	18	1	0	1	2	0	1	5	(1)	10	2	215	235
2032	14	0	0	1	3	0	1	5	(2)	9	2	217	243
2033	10	0	0	1	3	0	1	5	(2)	8	1	218	250
2034	7	0	0	0	2	0	1	5	(2)	8	1	219	257
2035	3	0	0	0	2	(0)	1	5	(2)	7	1	220	265

IN SERVICE COST (\$000)	134
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	8.8%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

CAPITAL STRUCTURE

SOURCE	WRIGHT	COST	%
DEBT	45%	6.90	%
P/S	0%	0.00	%
C/S	55%	11.75	%

K-FACTOR = CPWFC / IN-SVC COST = 1.63861

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DEFERRED TAX AND MID-YEAR RATEBASE CALCULATION  
 PROGRAM METHOD SELECTED: REV\_RHQ  
 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS LLIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	5	5	5	5	5	5	(0)	9	0	0	0	(0)	(3)
2012	7.22%	10	15	5	11	5	10	2	9	0	0	0	2	(1)
2013	6.68%	9	23	5	16	5	15	1	9	0	0	0	1	0
2014	6.18%	8	32	5	21	5	20	1	9	0	0	0	1	2
2015	5.71%	8	39	5	27	5	25	1	9	0	0	0	1	3
2016	5.29%	7	46	5	32	5	30	1	9	0	0	0	1	3
2017	4.89%	7	53	5	38	5	35	1	9	0	0	0	1	4
2018	4.52%	6	59	5	43	5	40	0	9	0	0	0	0	4
2019	4.46%	6	65	5	48	5	45	0	9	0	0	0	0	5
2020	4.46%	6	71	5	54	5	50	0	9	0	0	0	0	5
2021	4.46%	6	77	5	59	5	55	0	9	0	0	0	0	5
2022	4.46%	6	83	5	64	5	60	0	9	0	0	0	0	6
2023	4.46%	6	89	5	70	5	65	0	9	0	0	0	0	6
2024	4.46%	6	95	5	75	5	70	0	9	0	0	0	0	6
2025	4.46%	6	100	5	81	5	75	0	9	0	0	0	0	7
2026	4.46%	6	106	5	86	5	80	0	9	0	0	0	0	7
2027	4.46%	6	112	5	91	5	85	0	9	0	0	0	0	7
2028	4.46%	6	118	5	97	5	90	0	9	0	0	0	0	8
2029	4.46%	6	124	5	102	5	95	0	9	0	0	0	0	8
2030	4.46%	6	130	5	107	5	100	0	9	0	0	0	0	9
2031	2.23%	3	133	5	113	5	105	(1)	9	0	0	0	(1)	8
2032	0.00%	0	133	5	118	5	110	(2)	9	0	0	0	(2)	6
2033	0.00%	0	133	5	124	5	115	(2)	9	0	0	0	(2)	4
2034	0.00%	0	133	5	129	5	120	(2)	9	0	0	0	(2)	2
2035	0.00%	0	133	5	134	5	125	(2)	9	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(3)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	9
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	3.75%	5	(0)	129	5	(3)	137	132	135
2012	7.22%	10	2	124	11	(1)	132	125	128
2013	6.68%	9	1	118	16	0	125	118	121
2014	6.18%	8	1	113	21	2	118	111	115
2015	5.71%	8	1	107	27	3	111	105	108
2016	5.29%	7	1	102	32	3	105	99	102
2017	4.89%	7	1	97	38	4	99	93	96
2018	4.52%	6	0	91	43	4	93	87	90
2019	4.46%	6	0	86	48	5	87	81	84
2020	4.46%	6	0	81	54	5	81	76	78
2021	4.46%	6	0	75	59	5	76	70	73
2022	4.46%	6	0	70	64	6	70	64	67
2023	4.46%	6	0	64	70	6	64	58	61
2024	4.46%	6	0	59	75	6	58	53	56
2025	4.46%	6	0	54	81	7	53	47	50
2026	4.46%	6	0	48	86	7	47	41	44
2027	4.46%	6	0	43	91	7	41	36	38
2028	4.46%	6	0	38	97	8	36	30	33
2029	4.46%	6	0	32	102	8	30	24	27
2030	4.46%	6	0	27	107	9	24	18	21
2031	2.23%	3	(1)	21	113	8	18	14	16
2032	0.00%	0	(2)	16	118	6	14	10	12
2033	0.00%	0	(2)	11	124	4	10	7	9
2034	0.00%	0	(2)	5	129	2	7	3	5
2035	0.00%	0	(2)	(0)	134	0	3	0	2

\* Column not specified in workbook



(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2006	-5	0.00%	1.000	0.00%	0.00	0.00
2007	-4	3.00%	1.030	0.00%	0.00	0.00
2008	-3	3.00%	1.061	17.00%	94.14	47.07
2009	-2	3.00%	1.093	59.00%	336.54	262.41
2010	-1	3.00%	1.126	24.00%	141.00	501.18

12.06691442

100.00% 571.69

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8a)* DEBT AFUDC (\$/kW)	(8b)* CUMULATIVE DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CPI	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2006	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	-3	47.07	1.19	1.19	3.52	3.52	3.25	3.25	(0.79)	(0.79)	97.66	97.66
2009	-2	265.93	6.76	7.95	19.92	23.44	18.33	21.58	(4.46)	(5.26)	356.46	454.12
2010	-1	524.62	13.43	21.38	39.58	63.02	36.07	57.65	(8.73)	(13.99)	180.59	634.71

21.38

63.02

57.65

(13.99)

634.71

121.6013454

IN SERVICE YEAR	2011
PLANT COSTS	522
AFUDC RATE	7.47%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	121	121	121
EQUITY AFUDC	9		
DEBT AFUDC	5	5	
CPI			12
TOTAL	134	125	133

\* Column not specified in workbook

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INPUT DATA -- PART 2  
PROGRAM/METHOD SELECTED : REV\_REQ  
PROGRAM NAME: ██████████

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	(5) AVOIDED MARGINAL FUEL COST (C/kWh)	(6)* INCREASED MARGINAL FUEL COST (C/kWh)	(7) REPLACEMENT FUEL COST (C/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2006	0	0	7.71	8.61	9.49	0.00	1.00	1.00
2007	1	1	8.70	9.16	9.78	0.00	1.00	1.00
2008	1	1	8.89	9.43	10.28	0.00	1.00	1.00
2009	1	1	6.61	7.19	8.91	0.00	1.00	1.00
2010	1	1	6.31	6.81	8.50	0.00	1.00	1.00
2011	1	1	5.45	5.92	7.76	8.18	1.00	1.00
2012	1	1	5.66	6.19	8.18	7.50	1.00	1.00
2013	1	1	5.65	6.12	8.08	7.91	1.00	1.00
2014	1	1	5.79	6.24	8.08	7.75	1.00	1.00
2015	1	1	6.25	6.74	8.50	8.15	1.00	1.00
2016	1	1	6.84	7.39	9.21	9.34	1.00	1.00
2017	1	1	7.08	7.58	9.73	9.93	1.00	1.00
2018	1	1	7.34	7.84	10.18	10.88	1.00	1.00
2019	1	1	7.62	8.07	10.44	11.62	1.00	1.00
2020	1	1	8.11	8.61	11.37	11.00	1.00	1.00
2021	1	1	8.50	9.01	11.66	11.57	1.00	1.00
2022	1	1	8.68	9.17	11.85	12.59	1.00	1.00
2023	1	1	8.88	9.36	11.82	12.11	1.00	1.00
2024	1	1	9.14	9.61	12.13	12.61	1.00	1.00
2025	1	1	9.50	9.97	12.45	13.23	1.00	1.00
2026	1	1	9.61	10.02	12.08	13.48	1.00	1.00
2027	1	1	9.89	10.30	12.39	14.14	1.00	1.00
2028	1	1	10.09	10.45	12.18	13.64	1.00	1.00
2029	1	1	10.48	10.85	12.75	14.79	1.00	1.00
2030	1	1	10.72	11.04	12.70	16.50	1.00	1.00
2031	1	1	11.06	11.38	13.08	14.97	1.00	1.00

\* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.  
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED: REV\_RBQ  
PROGRAM NAME: ██████████

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	28	7	0	3	3	34
2012	27	7	0	38	40	32
2013	26	7	0	7	7	32
2014	25	8	0	0	0	32
2015	24	8	0	1	1	31
2016	23	8	0	3	3	31
2017	22	8	0	2	2	30
2018	21	9	0	5	5	29
2019	20	9	0	6	7	28
2020	19	9	0	15	16	28
2021	18	10	0	14	15	27
2022	17	10	0	16	18	26
2023	17	10	0	19	20	26
2024	16	11	0	19	20	26
2025	15	11	0	22	23	25
2026	14	11	0	18	19	25
2027	13	12	0	17	18	24
2028	12	12	0	14	14	24
2029	11	13	0	16	17	23
2030	11	13	0	15	17	22
2031	10	14	0	15	15	23

NOM	386	205	3	266	281	578
NEV	141	59	1	75	80	196

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AVOIDED T&D AND PROGRAM FUEL SAVINGS  
 PROGRAM METHOD SELECTED: REV\_REQ  
 PROGRAM NAME: ██████████

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	51	0
2008	7	1	8	1	0	1	105	0
2009	7	1	8	1	0	1	80	0
2010	7	1	7	1	0	1	76	0
2011	7	1	7	1	0	1	66	0
2012	6	1	7	1	0	1	69	0
2013	6	1	7	1	0	1	68	0
2014	6	1	7	1	0	1	69	0
2015	6	1	7	1	0	1	75	0
2016	6	1	6	0	0	1	82	0
2017	5	1	6	0	0	1	84	0
2018	5	1	6	0	0	1	87	0
2019	5	1	6	0	0	1	90	0
2020	5	1	6	0	0	1	95	0
2021	5	1	6	0	0	1	100	0
2022	4	1	6	0	0	1	102	0
2023	4	1	5	0	0	1	104	0
2024	4	1	5	0	0	1	107	0
2025	4	1	5	0	0	1	111	0
2026	4	1	5	0	0	1	111	0
2027	4	1	5	0	0	1	114	0
2028	3	1	5	0	0	1	116	0
2029	3	1	5	0	0	1	120	0
2030	3	1	5	0	0	1	123	0
2031	3	1	4	0	0	1	126	0

NOM	120	23	143	11	6	17	2,329	0
NPV	52	7	59	5	2	6	833	0

\* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

13

TOTAL RESOURCE COST TEST  
 PROGRAM METHOD SELECTED: RBV\_RBQ  
 PROGRAM NAME: ██████████

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	1	374	0	375	0	0	51	0	51	(324)	(298)
2008	0	0	0	0	0	0	9	105	0	113	113	(202)
2009	0	0	0	0	0	0	8	80	0	88	88	(134)
2010	0	0	0	0	0	0	8	76	0	84	84	(74)
2011	0	0	0	0	0	34	8	66	0	108	108	(4)
2012	0	0	0	0	0	32	8	69	0	109	109	62
2013	0	0	0	0	0	32	8	68	0	108	108	122
2014	0	0	0	0	0	32	7	69	0	109	109	177
2015	0	0	0	0	0	31	7	75	0	113	113	230
2016	0	0	0	0	0	31	7	82	0	120	120	281
2017	0	0	0	0	0	30	7	84	0	121	121	329
2018	0	0	0	0	0	29	7	87	0	123	123	373
2019	0	0	0	0	0	28	7	90	0	124	124	415
2020	0	0	0	0	0	28	6	95	0	130	130	455
2021	0	0	0	0	0	27	6	100	0	134	134	492
2022	0	0	0	0	0	26	6	102	0	134	134	527
2023	0	0	0	0	0	26	6	104	0	136	136	559
2024	0	0	0	0	0	26	6	107	0	138	138	589
2025	0	0	0	0	0	25	6	111	0	141	141	618
2026	0	0	0	0	0	25	6	111	0	141	141	644
2027	0	2	544	0	545	24	5	114	0	143	(402)	576
2028	0	0	0	0	0	24	5	116	0	146	146	598
2029	0	0	0	0	0	23	5	120	0	149	149	620
2030	0	0	0	0	0	22	5	123	0	149	149	639
2031	0	0	0	0	0	23	5	126	0	155	155	658

NOM	0	3	918	0	921	578	159	2,329	0	3,066	2,145
NPV	0	1	436	0	437	196	66	833	0	1,095	658

Discount Rate: 8.82 %  
 Benefit/Cost Ratio (Col(11) / Col(6)) : 2.50

1  
2  
3

PARTICIPANT COSTS AND BENEFITS  
PROGRAM/METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(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)
2006	0	0	0	0	0	0	0	0	0	0	0
2007	44	0	44	0	88	374	0	0	374	(286)	(263)
2008	82	0	0	0	82	0	0	0	0	82	(194)
2009	74	0	0	0	74	0	0	0	0	74	(136)
2010	72	0	0	0	72	0	0	0	0	72	(85)
2011	66	0	0	0	66	0	0	0	0	66	(42)
2012	67	0	0	0	67	0	0	0	0	67	(1)
2013	69	0	0	0	69	0	0	0	0	69	37
2014	71	0	0	0	71	0	0	0	0	71	73
2015	74	0	0	0	74	0	0	0	0	74	108
2016	80	0	0	0	80	0	0	0	0	80	142
2017	85	0	0	0	85	0	0	0	0	85	176
2018	89	0	0	0	89	0	0	0	0	89	208
2019	93	0	0	0	93	0	0	0	0	93	239
2020	96	0	0	0	96	0	0	0	0	96	268
2021	99	0	0	0	99	0	0	0	0	99	296
2022	101	0	0	0	101	0	0	0	0	101	322
2023	104	0	0	0	104	0	0	0	0	104	347
2024	107	0	0	0	107	0	0	0	0	107	370
2025	110	0	0	0	110	0	0	0	0	110	393
2026	113	0	0	0	113	0	0	0	0	113	413
2027	117	0	44	0	160	544	0	0	544	(383)	348
2028	120	0	0	0	120	0	0	0	0	120	367
2029	123	0	0	0	123	0	0	0	0	123	385
2030	126	0	0	0	126	0	0	0	0	126	401
2031	130	0	0	0	130	0	0	0	0	130	417

NOM	2,313	0	87	0	2,400	918	0	0	918	1,482
NPV	805	0	47	0	853	436	0	0	436	417

In Service of Gen Unit:  
Discount Rate :  
Benefit/Cost Ratio ( Col(6) / Col(10))

2011  
8.82 %  
1.96

1  
2  
3

RATE IMPACT TEST  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(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 & FUEL BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	1	44	44	0	89	51	0	0	0	51	(38)	(35)
2008	0	0	0	82	0	82	105	9	0	0	113	31	(9)
2009	0	0	0	74	0	74	80	8	0	0	88	14	2
2010	0	0	0	72	0	72	76	8	0	0	84	12	11
2011	0	0	0	66	0	66	100	8	0	0	108	41	38
2012	0	0	0	67	0	67	101	8	0	0	109	42	63
2013	0	0	0	69	0	69	100	8	0	0	108	39	85
2014	0	0	0	71	0	71	101	7	0	0	109	38	104
2015	0	0	0	74	0	74	106	7	0	0	113	39	122
2016	0	0	0	80	0	80	113	7	0	0	120	39	139
2017	0	0	0	85	0	85	114	7	0	0	121	36	153
2018	0	0	0	89	0	89	116	7	0	0	123	34	165
2019	0	0	0	93	0	93	118	7	0	0	124	32	176
2020	0	0	0	96	0	96	124	6	0	0	130	34	186
2021	0	0	0	99	0	99	127	6	0	0	134	35	196
2022	0	0	0	101	0	101	127	6	0	0	134	32	205
2023	0	0	0	104	0	104	130	6	0	0	136	32	212
2024	0	0	0	107	0	107	132	6	0	0	138	31	219
2025	0	0	0	110	0	110	135	6	0	0	141	31	225
2026	0	0	0	113	0	113	136	6	0	0	141	28	230
2027	0	2	44	117	0	162	138	5	0	0	143	(19)	227
2028	0	0	0	120	0	120	140	5	0	0	146	26	231
2029	0	0	0	123	0	123	144	5	0	0	149	26	235
2030	0	0	0	126	0	126	144	5	0	0	149	23	238
2031	0	0	0	130	0	130	149	5	0	0	155	25	241

NOM.	0	3	87	2,313	0	2,403	2,907	139	0	0	3,066	663
NPV	0	1	47	805	0	854	1,030	66	0	0	1,095	241

Discount Rate 8.82 %  
Benefit/Cost Ratio (Col(12) / Col(7)) : 1.28

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INPUT DATA -- PART I CONTINUED  
PROGRAM/METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER .....	1,997.25 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER .....	2,678.51 kW
(3) kW LINE LOSS PERCENTAGE .....	9.03 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER .....	15,630,315.60 kWh
(5) kWh LINE LOSS PERCENTAGE .....	7.16 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.09
(7) CUSTOMER kWh INCREASE AT METER .....	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	26 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.68643
(5) K FACTOR FOR T & D .....	1.61194

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER .....	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER .....	*** \$/CUST
(3) UTILITY COST ESCALATION RATE .....	*** %**
(4) CUSTOMER EQUIPMENT COST .....	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE .....	*** %**
(6) CUSTOMER O & M COST .....	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE .....	*** %**
* (8) INCREASED SUPPLY COSTS .....	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES .....	*** %**
* (10) UTILITY DISCOUNT RATE .....	8.37 %
* (11) UTILITY AFUDC RATE .....	7.84 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE .....	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE .....	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE .....	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR .....	2005
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2010
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2008-2010
(4) BASE YEAR AVOIDED GENERATING COST .....	668.89 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	0.00 \$/kW
(6) BASE YEAR DISTRIBUTION COST .....	0.00 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	68.29 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	4.18 %**
(10) TRANSMISSION FIXED O & M COST .....	0.00 \$/kW
(11) DISTRIBUTION FIXED O & M COST .....	0.00 \$/kW
(12) T&D FIXED O&M ESCALATION RATE .....	4.18 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.013 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	1.59 %**
(15) GENERATOR CAPACITY FACTOR .....	39% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	5.09 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	5.74 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL .....	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE .....	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL .....	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE .....	*** %

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
\*\* VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)  
\*\*\* PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2



1  
3

\* INPUT DATA -- PART 1 CONTINUED  
PROGRAM METHOD SELECTED: REV\_RBQ  
PROGRAM NAME:

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2005	0	0	0	0	0	0	0	0	0	0
2006	5	455	0	460	259	109	5,129	0	0	5,129
2007	0	0	0	0	527	217	0	0	0	0
2008	0	0	0	0	524	212	0	0	0	0
2009	0	0	0	0	534	212	0	0	0	0
2010	0	0	0	0	541	211	0	0	0	0
2011	0	0	0	0	558	200	0	0	0	0
2012	0	0	0	0	572	192	0	0	0	0
2013	0	0	0	0	585	192	0	0	0	0
2014	0	0	0	0	600	189	0	0	0	0
2015	0	0	0	0	603	187	0	0	0	0
2016	0	0	0	0	614	184	0	0	0	0
2017	0	0	0	0	621	181	0	0	0	0
2018	0	0	0	0	633	180	0	0	0	0
2019	0	0	0	0	649	182	0	0	0	0
2020	0	0	0	0	664	187	0	0	0	0
2021	0	0	0	0	680	191	0	0	0	0
2022	0	0	0	0	696	196	0	0	0	0
2023	0	0	0	0	712	201	0	0	0	0
2024	0	0	0	0	729	207	0	0	0	0
2025	0	0	0	0	746	212	0	0	0	0
2026	8	455	0	463	764	217	8,590	0	0	8,590
2027	0	0	0	0	782	223	0	0	0	0
2028	0	0	0	0	800	229	0	0	0	0
2029	0	0	0	0	819	234	0	0	0	0
2030	0	0	0	0	838	240	0	0	0	0

NOM	12	910	0	922	16,052	4,987	13,719	0	0	13,719
NEV	6	504	0	510	5,983	1,998	6,321	0	0	6,321

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
\*\* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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CALCULATION OF GENK-FACTOR  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME: \_\_\_\_\_

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATH BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2010	2,300	71	0	149	98	0	90	0	408	408	408	2,243
2011	2,210	69	0	143	65	43	13	30	452	417	825	2,311
2012	2,091	65	0	135	65	41	13	90	434	369	1,194	2,380
2013	1,976	61	0	128	64	39	14	90	417	328	1,522	2,451
2014	1,865	58	0	121	64	38	14	90	400	290	1,812	2,525
2015	1,759	55	0	114	63	36	15	90	385	257	2,069	2,601
2016	1,656	51	0	107	62	34	15	90	369	228	2,297	2,679
2017	1,556	48	0	101	61	32	15	90	354	202	2,499	2,759
2018	1,460	45	0	94	58	31	16	90	340	179	2,678	2,842
2019	1,364	42	0	88	54	29	16	90	325	158	2,835	2,927
2020	1,268	39	0	82	50	27	17	90	311	139	2,975	3,015
2021	1,172	36	0	76	46	25	17	90	6	297	123	3,105
2022	1,076	33	0	70	42	23	18	90	6	282	108	3,199
2023	980	30	0	63	38	22	18	90	6	268	94	3,295
2024	884	27	0	57	34	20	19	90	6	254	82	3,393
2025	789	24	0	51	31	18	20	90	6	239	72	3,495
2026	693	22	0	45	27	16	20	90	6	225	62	3,600
2027	597	19	0	39	23	14	21	90	6	211	54	3,708
2028	501	16	0	32	19	13	21	90	6	197	46	3,819
2029	405	13	0	26	15	11	22	90	6	182	40	3,934
2030	309	10	0	20	30	9	23	90	(13)	168	34	4,052
2031	232	7	0	15	46	7	23	90	(32)	157	29	4,173
2032	174	5	0	11	43	5	24	90	(32)	148	25	4,299
2033	116	4	0	7	41	4	25	90	(32)	139	22	4,428
2034	58	2	0	4	39	2	26	90	(32)	130	19	4,560

IN SERVICE COST (\$000)	2,243
IN SERVICE YEAR	2010
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	8.4%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.56%

CAPITAL STRUCTURE		
SOURCE	WRIGHT	COST
DEBT	45%	6.90 %
P/S	0%	0.00 %
C/S	55%	11.75 %

K-FACTOR = CPWFC / IN-SVC COST = 1.68643

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2  
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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV\_RBQ  
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS LLIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2010	3.75%	83	83	90	90	82	82	0	187	0	0	0	0	(56)
2011	7.22%	159	242	90	179	82	164	30	187	0	0	0	30	(27)
2012	6.68%	147	389	90	269	82	247	25	187	0	0	0	25	(2)
2013	6.18%	136	525	90	359	82	329	21	187	0	0	0	21	19
2014	5.71%	126	650	90	449	82	411	17	187	0	0	0	17	36
2015	5.29%	116	767	90	538	82	493	13	187	0	0	0	13	49
2016	4.89%	108	874	90	628	82	576	10	187	0	0	0	10	59
2017	4.52%	100	974	90	718	82	658	7	187	0	0	0	7	66
2018	4.46%	98	1,072	90	808	82	740	6	187	0	0	0	6	72
2019	4.46%	98	1,170	90	897	82	822	6	187	0	0	0	6	78
2020	4.46%	98	1,269	90	987	82	905	6	187	0	0	0	6	84
2021	4.46%	98	1,367	90	1,077	82	987	6	187	0	0	0	6	90
2022	4.46%	98	1,465	90	1,167	82	1,069	6	187	0	0	0	6	97
2023	4.46%	98	1,563	90	1,256	82	1,151	6	187	0	0	0	6	103
2024	4.46%	98	1,662	90	1,346	82	1,234	6	187	0	0	0	6	109
2025	4.46%	98	1,760	90	1,436	82	1,316	6	187	0	0	0	6	115
2026	4.46%	98	1,858	90	1,526	82	1,398	6	187	0	0	0	6	121
2027	4.46%	98	1,956	90	1,615	82	1,480	6	187	0	0	0	6	127
2028	4.46%	98	2,054	90	1,705	82	1,563	6	187	0	0	0	6	134
2029	4.46%	98	2,153	90	1,795	82	1,645	6	187	0	0	0	6	140
2030	2.23%	49	2,202	90	1,885	82	1,727	(13)	187	0	0	0	(13)	127
2031	0.00%	0	2,202	90	1,974	82	1,809	(32)	187	0	0	0	(32)	95
2032	0.00%	0	2,202	90	2,064	82	1,891	(32)	187	0	0	0	(32)	63
2033	0.00%	0	2,202	90	2,154	82	1,974	(32)	187	0	0	0	(32)	32
2034	0.00%	0	2,202	90	2,243	82	2,056	(32)	187	0	0	0	(32)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(56)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	187
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

1  
2  
3

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM/METHOD SELECTED: REV\_RBQ  
PROGRAM NAME: ██

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2010	3.75%	83	0	2,243	90	(56)	2,300	2,210	2,255
2011	7.22%	159	30	2,154	179	(27)	2,210	2,091	2,150
2012	6.68%	147	25	2,064	269	(2)	2,091	1,976	2,033
2013	6.18%	136	21	1,974	359	19	1,976	1,865	1,921
2014	5.71%	126	17	1,885	449	36	1,865	1,759	1,812
2015	5.29%	116	13	1,795	538	49	1,759	1,656	1,707
2016	4.89%	108	10	1,705	628	59	1,656	1,556	1,606
2017	4.52%	100	7	1,615	718	66	1,556	1,460	1,508
2018	4.46%	98	6	1,526	808	72	1,460	1,364	1,412
2019	4.46%	98	6	1,436	897	78	1,364	1,268	1,316
2020	4.46%	98	6	1,346	987	84	1,268	1,172	1,220
2021	4.46%	98	6	1,256	1,077	90	1,172	1,076	1,124
2022	4.46%	98	6	1,167	1,167	97	1,076	980	1,028
2023	4.46%	98	6	1,077	1,256	103	980	884	932
2024	4.46%	98	6	987	1,346	109	884	789	836
2025	4.46%	98	6	897	1,436	115	789	693	741
2026	4.46%	98	6	808	1,526	121	693	597	645
2027	4.46%	98	6	718	1,615	127	597	501	549
2028	4.46%	98	6	628	1,705	134	501	405	453
2029	4.46%	98	6	538	1,795	140	405	309	357
2030	2.23%	49	(13)	449	1,885	127	309	232	271
2031	0.00%	0	(32)	359	1,974	95	232	174	203
2032	0.00%	0	(32)	269	2,064	63	174	116	145
2033	0.00%	0	(32)	179	2,154	32	116	58	87
2034	0.00%	0	(32)	90	2,243	0	58	0	29

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2005	-5	0.00%	1.000	0.00%	0.00	0.00
2006	-4	3.00%	1.030	9.00%	62.01	31.00
2007	-3	3.00%	1.061	38.00%	269.66	196.83
2008	-2	3.00%	1.093	41.00%	299.67	481.50
2009	-1	3.00%	1.126	12.00%	90.34	676.51

100.00%      721.68

YEAR	(8) NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8a)* DEBT AFUDC (\$/kW)	(8b)* CUMULATIVE DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CPI (\$/kW)	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2005	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	-4	31.00	0.96	0.96	2.43	2.43	2.14	2.14	(0.45)	(0.45)	64.44	64.44
2007	-3	199.27	6.20	7.16	15.66	18.09	13.73	15.87	(2.90)	(3.36)	285.32	349.75
2008	-2	499.59	15.62	22.78	39.43	57.52	34.32	50.19	(7.21)	(10.57)	339.11	688.86
2009	-1	734.03	23.12	45.90	58.38	115.90	50.14	100.33	(10.42)	(21.00)	148.72	837.58

45.90

115.90

100.33

(21.00)

837.58

IN SERVICE YEAR	2010
PLANT COSTS	668.89
AFUDC RATE	7.84%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	1,933	1,933	1,933
EQUITY AFUDC	187		
DEBT AFUDC	123	123	
CPI			269
<b>TOTAL</b>	<b>2,243</b>	<b>2,056</b>	<b>2,202</b>

\* Column not specified in workbook

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INPUT DATA -- PART 2  
PROGRAM METHOD SELECTED : REV\_REQ  
PROGRAM NAME: ██

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (¢/kWh)	(5) AVOIDED MARGINAL FUEL COST (¢/kWh)	(6)* INCREASED MARGINAL FUEL COST (¢/kWh)	(7) REPLACEMENT FUEL COST (¢/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KWh EFFECTIVENESS FACTOR
2005	0	0	6.49	6.64	8.44	0.00	1.00	1.00
2006	1	1	7.66	7.79	9.04	0.00	1.00	1.00
2007	1	1	7.34	7.53	8.86	0.00	1.00	1.00
2008	1	1	6.47	6.61	7.66	0.00	1.00	1.00
2009	1	1	5.82	5.91	6.72	0.00	1.00	1.00
2010	1	1	5.95	6.04	6.86	6.59	1.00	1.00
2011	1	1	6.15	6.25	7.27	7.00	1.00	1.00
2012	1	1	6.28	6.37	7.46	7.07	1.00	1.00
2013	1	1	6.53	6.66	7.76	7.36	1.00	1.00
2014	1	1	6.77	6.88	8.06	7.59	1.00	1.00
2015	1	1	6.99	7.10	8.37	7.63	1.00	1.00
2016	1	1	7.25	7.36	8.69	7.62	1.00	1.00
2017	1	1	7.39	7.49	9.01	7.73	1.00	1.00
2018	1	1	7.61	7.70	9.35	7.94	1.00	1.00
2019	1	1	7.84	7.93	9.75	8.06	1.00	1.00
2020	1	1	8.11	8.20	10.16	8.32	1.00	1.00
2021	1	1	8.38	8.47	10.53	8.50	1.00	1.00
2022	1	1	8.61	8.69	11.02	10.10	1.00	1.00
2023	1	1	8.86	8.94	11.42	11.56	1.00	1.00
2024	1	1	9.11	9.19	11.95	12.92	1.00	1.00
2025	1	1	9.42	9.50	12.39	14.35	1.00	1.00
2026	1	1	9.64	9.71	12.89	14.65	1.00	1.00
2027	1	1	9.91	9.98	13.37	14.77	1.00	1.00
2028	1	1	10.20	10.27	13.96	15.13	1.00	1.00
2029	1	1	10.47	10.54	14.39	15.44	1.00	1.00
2030	1	1	10.80	10.87	15.08	15.64	1.00	1.00

\* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.  
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

Docket No. 080002-EG  
Exhibit No.           
Florida Power & Light Co.  
(MB-1)  
Schedule CT-6  
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AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	408	226	1	460	595	499
2011	452	236	2	761	990	461
2012	434	247	2	772	987	469
2013	417	259	2	797	1,030	445
2014	400	271	2	789	1,023	440
2015	385	283	2	877	1,107	439
2016	369	296	3	1,012	1,240	440
2017	354	309	3	1,091	1,316	442
2018	340	323	3	1,151	1,383	434
2019	325	338	3	1,219	1,442	443
2020	311	354	3	1,278	1,514	433
2021	297	370	4	1,353	1,588	435
2022	282	387	4	1,413	1,909	176
2023	268	404	4	1,474	2,209	(59)
2024	254	422	4	1,542	2,499	(278)
2025	239	440	4	1,602	2,792	(506)
2026	225	459	4	1,671	2,879	(519)
2027	211	480	4	1,730	2,911	(486)
2028	197	501	5	1,803	3,009	(504)
2029	182	522	5	1,857	3,062	(496)
2030	168	545	5	1,920	3,107	(469)

NOM	6,518	7,671	69	26,571	38,591	2,239
NPV	2,468	2,271	20	7,580	10,437	1,902

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AVOIDED T&D AND PROGRAM FUEL SAVINGS  
 PROGRAM METHOD SELECTED: RBV\_RBQ  
 PROGRAM NAME: XX

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST \$ (000)	AVOIDED TRANSMISSION O&M COST \$ (000)	TOTAL AVOIDED TRANSMISSION COST \$ (000)	AVOIDED DISTRIBUTION CAP COST \$ (000)	AVOIDED DISTRIBUTION O&M COST \$ (000)	TOTAL AVOIDED DISTRIBUTION COST \$ (000)	PROGRAM FUEL SAVINGS \$ (000)	PROGRAM OFF-PEAK PAYBACK \$ (000)
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	612	0
2007	0	0	0	0	0	0	1,188	0
2008	0	0	0	0	0	0	1,042	0
2009	0	0	0	0	0	0	928	0
2010	0	0	0	0	0	0	948	0
2011	0	0	0	0	0	0	982	0
2012	0	0	0	0	0	0	1,001	0
2013	0	0	0	0	0	0	1,047	0
2014	0	0	0	0	0	0	1,082	0
2015	0	0	0	0	0	0	1,117	0
2016	0	0	0	0	0	0	1,156	0
2017	0	0	0	0	0	0	1,175	0
2018	0	0	0	0	0	0	1,208	0
2019	0	0	0	0	0	0	1,244	0
2020	0	0	0	0	0	0	1,286	0
2021	0	0	0	0	0	0	1,328	0
2022	0	0	0	0	0	0	1,363	0
2023	0	0	0	0	0	0	1,402	0
2024	0	0	0	0	0	0	1,440	0
2025	0	0	0	0	0	0	1,489	0
2026	0	0	0	0	0	0	1,523	0
2027	0	0	0	0	0	0	1,564	0
2028	0	0	0	0	0	0	1,610	0
2029	0	0	0	0	0	0	1,652	0
2030	0	0	0	0	0	0	1,703	0
<hr/>								
NOM.	0	0	0	0	0	0	31,090	0
NPV	0	0	0	0	0	0	11,518	0

\* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.



TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██

(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)
2005	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	5	5,129	0	5,134	0	0	612	0	612	(4,521)	(4,172)
2007	0	0	0	0	0	0	0	1,188	0	1,188	1,188	(3,160)
2008	0	0	0	0	0	0	0	1,042	0	1,042	1,042	(2,342)
2009	0	0	0	0	0	0	0	928	0	928	928	(1,669)
2010	0	0	0	0	0	499	0	948	0	1,447	1,447	(700)
2011	0	0	0	0	0	461	0	982	0	1,443	1,443	190
2012	0	0	0	0	0	469	0	1,001	0	1,469	1,469	1,027
2013	0	0	0	0	0	445	0	1,047	0	1,492	1,492	1,812
2014	0	0	0	0	0	440	0	1,082	0	1,522	1,522	2,550
2015	0	0	0	0	0	439	0	1,117	0	1,556	1,556	3,246
2016	0	0	0	0	0	440	0	1,156	0	1,596	1,596	3,905
2017	0	0	0	0	0	442	0	1,175	0	1,616	1,616	4,521
2018	0	0	0	0	0	434	0	1,208	0	1,642	1,642	5,099
2019	0	0	0	0	0	443	0	1,244	0	1,688	1,688	5,647
2020	0	0	0	0	0	433	0	1,286	0	1,718	1,718	6,161
2021	0	0	0	0	0	435	0	1,328	0	1,763	1,763	6,648
2022	0	0	0	0	0	176	0	1,363	0	1,539	1,539	7,041
2023	0	0	0	0	0	(59)	0	1,402	0	1,344	1,344	7,357
2024	0	0	0	0	0	(278)	0	1,440	0	1,162	1,162	7,609
2025	0	0	0	0	0	(506)	0	1,489	0	983	983	7,806
2026	0	8	8,390	0	8,397	(519)	0	1,523	0	1,004	(7,594)	6,402
2027	0	0	0	0	0	(486)	0	1,564	0	1,078	1,078	6,586
2028	0	0	0	0	0	(504)	0	1,610	0	1,106	1,106	6,760
2029	0	0	0	0	0	(496)	0	1,652	0	1,156	1,156	6,928
2030	0	0	0	0	0	(469)	0	1,703	0	1,234	1,234	7,094

NOM	0	12	13,719	0	13,731	2,239	0	31,090	0	33,328	19,597
NPV	0	6	6,321	0	6,327	1,902	0	11,518	0	13,420	7,094

Discount Rate: 8.37 %  
Benefit/Cost Ratio (Col(11) / Col(6)) : 2.12

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PARTICIPANT COSTS AND BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ████████████████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(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)
2005	0	0	0	0	0	0	0	0	0	0	0
2006	459	0	455	0	914	5,129	0	0	5,129	(4,215)	(3,889)
2007	929	0	0	0	929	0	0	0	0	929	(3,098)
2008	921	0	0	0	921	0	0	0	0	921	(2,375)
2009	934	0	0	0	934	0	0	0	0	934	(1,698)
2010	942	0	0	0	942	0	0	0	0	942	(1,068)
2011	954	0	0	0	954	0	0	0	0	954	(479)
2012	966	0	0	0	966	0	0	0	0	966	71
2013	983	0	0	0	983	0	0	0	0	983	588
2014	999	0	0	0	999	0	0	0	0	999	1,073
2015	1,002	0	0	0	1,002	0	0	0	0	1,002	1,521
2016	1,014	0	0	0	1,014	0	0	0	0	1,014	1,940
2017	1,021	0	0	0	1,021	0	0	0	0	1,021	2,329
2018	1,035	0	0	0	1,035	0	0	0	0	1,035	2,693
2019	1,059	0	0	0	1,059	0	0	0	0	1,059	3,037
2020	1,085	0	0	0	1,085	0	0	0	0	1,085	3,362
2021	1,110	0	0	0	1,110	0	0	0	0	1,110	3,669
2022	1,137	0	0	0	1,137	0	0	0	0	1,137	3,959
2023	1,164	0	0	0	1,164	0	0	0	0	1,164	4,232
2024	1,192	0	0	0	1,192	0	0	0	0	1,192	4,491
2025	1,220	0	0	0	1,220	0	0	0	0	1,220	4,736
2026	1,249	0	455	0	1,704	8,590	0	0	8,590	(6,885)	3,463
2027	1,279	0	0	0	1,279	0	0	0	0	1,279	3,681
2028	1,310	0	0	0	1,310	0	0	0	0	1,310	3,887
2029	1,341	0	0	0	1,341	0	0	0	0	1,341	4,082
2030	1,373	0	0	0	1,373	0	0	0	0	1,373	4,266

NOM	26,679	0	910	0	27,589	13,719	0	0	13,719	13,870
NPV	10,083	0	504	0	10,587	6,321	0	0	6,321	4,266

In Service of Gas Unit: 2010  
Discount Rate: 8.37 %  
Benefit/Cost Ratio (Col(6) / Col(10)) 1.67



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INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: \_\_\_\_\_

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	11,344.95 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	15,214.73 KW
(3) KW LINE LOSS PERCENTAGE .....	9.03 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER .....	95,277,587.25 KWh
(5) KWH LINE LOSS PERCENTAGE .....	7.16 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER KWH INCREASE AT METER .....	0.00 KWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	26 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.65312
(5) K FACTOR FOR T & D .....	1.61194

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER .....	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER .....	*** \$/CUST
(3) UTILITY COST ESCALATION RATE .....	*** %**
(4) CUSTOMER EQUIPMENT COST .....	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE .....	*** %**
(6) CUSTOMER O & M COST .....	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE .....	*** %**
* (8) INCREASED SUPPLY COSTS .....	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES .....	*** %**
* (10) UTILITY DISCOUNT RATE .....	8.37 %
* (11) UTILITY AFUDC RATE .....	7.84 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE .....	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE .....	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE .....	*** %

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
\*\* VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)  
\*\*\* PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR .....	2006
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2009-2011
(4) BASE YEAR AVOIDED GENERATING COST .....	492.12 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	0.00 \$/kW
(6) BASE YEAR DISTRIBUTION COST .....	0.00 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	30.93 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	4.35 %**
(10) TRANSMISSION FIXED O & M COST .....	0.00 \$/kW
(11) DISTRIBUTION FIXED O & M COST .....	0.00 \$/kW
(12) T&D FIXED O&M ESCALATION RATE .....	4.35 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.082 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	1.99 %**
(15) GENERATOR CAPACITY FACTOR .....	4% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	6.32 CENTS PER KWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	4.44 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL .....	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE .....	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL .....	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE .....	*** %

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\* INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	UTILITY INCENTIVES \$(000)	OTHER UTILITY COSTS \$(000)	TOTAL UTILITY PROGRAM COSTS \$(000)	ENERGY CHARGE REVENUE LOSSES \$(000)	DEMAND CHARGE REVENUE LOSSES \$(000)	PARTICIPANT EQUIPMENT COSTS \$(000)	PARTICIPANT O&M COSTS \$(000)	OTHER PARTICIPANT COSTS \$(000)	TOTAL PARTICIPANT COSTS \$(000)
YEAR									
2006	23	2,610	0	2,633	1,579	612	24,081	0	24,081
2007	0	0	0	0	3,214	1,214	0	0	0
2008	0	0	0	0	3,197	1,189	0	0	0
2009	0	0	0	0	3,256	1,189	0	0	0
2010	0	0	0	0	3,295	1,182	0	0	0
2011	0	0	0	0	3,400	1,123	0	0	0
2012	0	0	0	0	3,488	1,078	0	0	0
2013	0	0	0	0	3,567	1,076	0	0	0
2014	0	0	0	0	3,655	1,059	0	0	0
2015	0	0	0	0	3,674	1,048	0	0	0
2016	0	0	0	0	3,742	1,032	0	0	0
2017	0	0	0	0	3,788	1,014	0	0	0
2018	0	0	0	0	3,859	1,007	0	0	0
2019	0	0	0	0	3,958	1,020	0	0	0
2020	0	0	0	0	4,051	1,046	0	0	0
2021	0	0	0	0	4,146	1,073	0	0	0
2022	0	0	0	0	4,243	1,100	0	0	0
2023	0	0	0	0	4,342	1,129	0	0	0
2024	0	0	0	0	4,444	1,158	0	0	0
2025	0	0	0	0	4,549	1,187	0	0	0
2026	39	2,610	0	2,649	4,656	1,218	40,329	0	40,329
2027	0	0	0	0	4,765	1,249	0	0	0
2028	0	0	0	0	4,877	1,281	0	0	0
2029	0	0	0	0	4,992	1,314	0	0	0
2030	0	0	0	0	5,110	1,348	0	0	0
2031	0	0	0	0	5,230	1,382	0	0	0
NOM	62	5,220	0	5,282	103,079	29,326	64,410	0	64,410
NPV	31	3,133	0	3,164	40,226	12,318	32,161	0	32,161

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

\*\* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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CALCULATION OF GEN K-FACTOR  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
BEG-YEAR	RATE BASE	DEBT	PREFERRED STOCK	COMMON EQUITY	INCOME TAXES	PROPERTY TAX	PROPERTY INSURANCE	DEFERRD TAXES	TOTAL FIXED CHARGES	PRESENT WORTH FIXRD CHARGES	CUMULATIVE PW FIXED CHARGES	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE	
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	
2011	9,323	289	0	603	395	0	366	(2)	1,651	1,651	1,651	9,150	
2012	8,959	278	0	579	259	168	44	366	1,813	1,673	3,324	9,150	
2013	8,474	263	0	548	258	161	45	366	1,741	1,483	4,807	9,424	
2014	8,008	249	0	518	257	154	47	366	1,672	1,314	6,121	9,707	
2015	7,559	235	0	489	255	146	48	366	1,605	1,164	7,284	9,998	
2016	7,127	221	0	461	252	139	49	366	1,540	1,030	8,314	10,298	
2017	6,709	208	0	434	249	132	51	366	1,477	912	9,226	10,607	
2018	6,305	196	0	407	245	124	52	366	1,416	807	10,033	10,925	
2019	5,914	184	0	382	231	117	54	366	1,357	714	10,747	11,253	
2020	5,525	172	0	357	216	110	56	366	1,299	630	11,377	11,590	
2021	5,136	159	0	332	200	102	57	366	1,240	555	11,932	11,938	
2022	4,747	147	0	307	184	95	59	366	1,181	488	12,420	12,296	
2023	4,358	135	0	282	168	88	61	366	1,123	428	12,848	12,665	
2024	3,969	123	0	256	152	81	63	366	1,064	374	13,222	13,045	
2025	3,580	111	0	231	137	73	64	366	1,006	326	13,548	13,436	
2026	3,191	99	0	206	121	66	66	366	947	284	13,832	13,839	
2027	2,802	87	0	181	105	59	68	366	889	246	14,078	14,255	
2028	2,413	75	0	156	89	51	70	366	831	212	14,290	14,682	
2029	2,024	63	0	131	73	44	73	366	773	182	14,472	15,123	
2030	1,635	51	0	106	58	37	75	366	715	155	14,627	15,576	
2031	1,246	39	0	81	42	29	77	366	(55)	656	132	14,758	16,044
2032	935	29	0	60	28	22	79	366	(132)	609	113	14,871	16,525
2033	701	22	0	45	17	15	82	366	(132)	572	98	14,969	17,021
2034	467	15	0	30	10	9	84	366	(132)	536	84	15,053	17,531
2035	234	7	0	15	5	(0)	87	366	(132)	499	72	15,125	18,057

IN SERVICE COST (\$000)	9,150
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	8.4%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

CAPITAL STRUCTURE

SOURCE	W/IGHT	COST	
DEBT	45%	6.90	%
P/S	0%	0.00	%
C/S	55%	11.75	%

K-FACTOR =  $CPWFC / IN-SVC COST =$

1.65312

Docket No. 080002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(MB-1)  
Schedule CI-6  
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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM/METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX \$(9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	339	339	366	366	343	343	(2)	573	0	0	0	(2)	(176)
2012	7.22%	652	990	366	732	343	686	119	573	0	0	0	119	(57)
2013	6.68%	603	1,593	366	1,098	343	1,029	100	573	0	0	0	100	44
2014	6.18%	558	2,151	366	1,464	343	1,372	83	573	0	0	0	83	126
2015	5.71%	516	2,667	366	1,830	343	1,715	67	573	0	0	0	67	193
2016	5.29%	477	3,144	366	2,196	343	2,058	52	573	0	0	0	52	245
2017	4.89%	441	3,585	366	2,562	343	2,401	38	573	0	0	0	38	283
2018	4.52%	408	3,993	366	2,928	343	2,744	25	573	0	0	0	25	308
2019	4.46%	403	4,396	366	3,294	343	3,087	23	573	0	0	0	23	331
2020	4.46%	403	4,799	366	3,660	343	3,430	23	573	0	0	0	23	354
2021	4.46%	403	5,201	366	4,026	343	3,774	23	573	0	0	0	23	377
2022	4.46%	403	5,604	366	4,392	343	4,117	23	573	0	0	0	23	400
2023	4.46%	403	6,007	366	4,758	343	4,460	23	573	0	0	0	23	423
2024	4.46%	403	6,409	366	5,124	343	4,803	23	573	0	0	0	23	446
2025	4.46%	403	6,812	366	5,490	343	5,146	23	573	0	0	0	23	469
2026	4.46%	403	7,215	366	5,856	343	5,489	23	573	0	0	0	23	492
2027	4.46%	403	7,618	366	6,222	343	5,832	23	573	0	0	0	23	515
2028	4.46%	403	8,020	366	6,588	343	6,175	23	573	0	0	0	23	538
2029	4.46%	403	8,423	366	6,954	343	6,518	23	573	0	0	0	23	561
2030	4.46%	403	8,826	366	7,320	343	6,861	23	573	0	0	0	23	584
2031	2.23%	201	9,027	366	7,686	343	7,204	(53)	573	0	0	0	(53)	529
2032	0.00%	0	9,027	366	8,052	343	7,547	(132)	573	0	0	0	(132)	397
2033	0.00%	0	9,027	366	8,418	343	7,890	(132)	573	0	0	0	(132)	265
2034	0.00%	0	9,027	366	8,784	343	8,233	(132)	573	0	0	0	(132)	133
2035	0.00%	0	9,027	366	9,150	343	8,576	(132)	573	0	0	0	(132)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(174)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	573
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV\_RBO  
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5) RND OF YEAR NET	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2011	3.75%	339	(2)	8,784	366	(176)	9,323	8,939	9,141
2012	7.22%	652	119	8,418	732	(57)	8,959	8,474	8,717
2013	6.68%	603	100	8,052	1,098	44	8,474	8,008	8,241
2014	6.18%	558	83	7,686	1,464	126	8,008	7,559	7,784
2015	5.71%	516	67	7,320	1,830	193	7,559	7,127	7,343
2016	5.29%	477	52	6,954	2,196	245	7,127	6,709	6,918
2017	4.89%	441	38	6,588	2,562	283	6,709	6,305	6,507
2018	4.52%	408	25	6,222	2,928	308	6,305	5,914	6,110
2019	4.46%	403	23	5,856	3,294	331	5,914	5,525	5,719
2020	4.46%	403	23	5,490	3,660	354	5,525	5,136	5,330
2021	4.46%	403	23	5,124	4,026	377	5,136	4,747	4,941
2022	4.46%	403	23	4,758	4,392	400	4,747	4,358	4,552
2023	4.46%	403	23	4,392	4,758	423	4,358	3,969	4,163
2024	4.46%	403	23	4,026	5,124	446	3,969	3,580	3,774
2025	4.46%	403	23	3,660	5,490	469	3,580	3,191	3,385
2026	4.46%	403	23	3,294	5,856	492	3,191	2,802	2,996
2027	4.46%	403	23	2,928	6,222	515	2,802	2,413	2,607
2028	4.46%	403	23	2,562	6,588	538	2,413	2,024	2,218
2029	4.46%	403	23	2,196	6,954	561	2,024	1,635	1,829
2030	4.46%	403	23	1,830	7,320	584	1,635	1,246	1,440
2031	2.23%	201	(55)	1,464	7,686	529	1,246	935	1,090
2032	0.00%	0	(132)	1,098	8,052	397	935	701	818
2033	0.00%	0	(132)	732	8,418	265	701	467	584
2034	0.00%	0	(132)	366	8,784	132	467	234	350
2035	0.00%	0	(132)	(0)	9,150	0	234	0	117

\* Column not specified in workbook



(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2006	-5	0.00%	1.000	0.00%	0.00	0.00
2007	-4	3.00%	1.030	0.80%	0.00	0.00
2008	-3	3.00%	1.061	17.00%	88.76	44.38
2009	-2	3.00%	1.093	59.00%	317.27	247.39
2010	-1	3.00%	1.126	24.00%	132.93	472.50

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8a)* DEBT AFUDC (\$/kW)	(8b)* CUMULATIVE DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CFI (\$/kW)	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10)	(11)
											INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2006	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2008	-3	44.38	1.38	1.38	3.48	3.48	3.06	3.06	(0.65)	(0.65)	92.23	
2009	-2	250.87	7.81	9.19	19.72	23.20	17.28	20.34	(3.65)	(4.30)	336.99	
2010	-1	495.69	15.52	24.71	39.20	62.40	34.01	54.35	(7.13)	(11.43)	601.36	

24.71

62.40

54.35

(11.43)

601.36

IN SERVICE YEAR	2011
PLANT COSTS	492.12
AFUDC RATE	7.84%

	BOOK BASIS	BOOK BASIS FOR DRF TAX	TAX BASIS
CONSTRUCTION CASH	8,200	8,200	8,200
EQUITY AFUDC	573		
DEBT AFUDC	376	376	
CFI			827
<b>TOTAL</b>	<b>9,150</b>	<b>8,576</b>	<b>9,027</b>

\* Column not specified in workbook

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INPUT DATA - PART 2  
PROGRAM METHOD SELECTED : REV\_RBQ  
PROGRAM NAME :

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (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
2006	1	1	7.71	7.76	10.40	0.00	1.00	1.00
2007	1	1	7.74	7.78	9.78	0.00	1.00	1.00
2008	1	1	6.46	6.49	8.89	0.00	1.00	1.00
2009	1	1	6.20	6.23	8.29	0.00	1.00	1.00
2010	1	1	5.58	5.61	7.23	0.00	1.00	1.00
2011	1	1	5.89	5.92	7.78	7.52	1.00	1.00
2012	1	1	6.06	6.09	8.12	6.80	1.00	1.00
2013	1	1	6.29	6.33	8.68	7.65	1.00	1.00
2014	1	1	6.43	6.47	8.99	8.10	1.00	1.00
2015	1	1	6.79	6.83	9.39	7.74	1.00	1.00
2016	1	1	7.14	7.18	10.17	9.08	1.00	1.00
2017	1	1	7.21	7.25	11.02	9.93	1.00	1.00
2018	1	1	7.67	7.72	11.92	9.87	1.00	1.00
2019	1	1	8.05	8.10	12.71	10.52	1.00	1.00
2020	1	1	8.30	8.35	13.52	10.44	1.00	1.00
2021	1	1	8.51	8.55	14.00	12.95	1.00	1.00
2022	1	1	8.73	8.77	14.40	10.56	1.00	1.00
2023	1	1	8.86	8.91	14.84	11.53	1.00	1.00
2024	1	1	8.91	8.95	15.10	15.91	1.00	1.00
2025	1	1	9.22	9.25	15.61	14.25	1.00	1.00
2026	1	1	9.42	9.45	16.10	15.42	1.00	1.00
2027	1	1	9.66	9.68	16.47	17.44	1.00	1.00
2028	1	1	9.85	9.87	16.81	15.36	1.00	1.00
2029	1	1	10.04	10.06	17.23	16.09	1.00	1.00
2030	1	1	10.24	10.26	17.62	18.01	1.00	1.00
2031	1	1	10.54	10.56	18.16	13.65	1.00	1.00

\* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.  
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.





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TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	23	24,081	0	24,104	0	0	3,706	0	3,706	(20,398)	(20,398)
2007	0	0	0	0	0	0	0	7,420	0	7,420	7,420	(13,551)
2008	0	0	0	0	0	0	0	6,200	0	6,200	6,200	(8,272)
2009	0	0	0	0	0	0	0	5,948	0	5,948	5,948	(3,599)
2010	0	0	0	0	0	0	0	5,354	0	5,354	5,354	283
2011	0	0	0	0	0	2,173	0	5,653	0	7,827	7,827	5,520
2012	0	0	0	0	0	2,417	0	5,813	0	8,230	8,230	10,601
2013	0	0	0	0	0	2,281	0	6,040	0	8,321	8,321	15,342
2014	0	0	0	0	0	2,185	0	6,177	0	8,362	8,362	19,737
2015	0	0	0	0	0	2,252	0	6,521	0	8,773	8,773	23,993
2016	0	0	0	0	0	1,944	0	6,856	0	8,800	8,800	27,932
2017	0	0	0	0	0	1,940	0	6,925	0	8,865	8,865	31,594
2018	0	0	0	0	0	2,048	0	7,365	0	9,414	9,414	35,182
2019	0	0	0	0	0	2,015	0	7,735	0	9,750	9,750	38,611
2020	0	0	0	0	0	2,117	0	7,965	0	10,082	10,082	41,883
2021	0	0	0	0	0	1,754	0	8,163	0	9,917	9,917	44,853
2022	0	0	0	0	0	2,163	0	8,366	0	10,529	10,529	47,763
2023	0	0	0	0	0	2,070	0	8,500	0	10,570	10,570	50,458
2024	0	0	0	0	0	1,708	0	8,535	0	10,243	10,243	52,868
2025	0	0	0	0	0	1,880	0	8,827	0	10,707	10,707	55,193
2026	0	39	40,329	0	40,368	1,827	0	9,018	0	10,845	(29,523)	49,278
2027	0	0	0	0	0	1,717	0	9,237	0	10,954	10,954	51,303
2028	0	0	0	0	0	1,927	0	9,409	0	11,336	11,336	53,237
2029	0	0	0	0	0	1,915	0	9,592	0	11,507	11,507	55,049
2030	0	0	0	0	0	1,862	0	9,781	0	11,643	11,643	56,740
2031	0	0	0	0	0	2,097	0	10,069	0	12,167	12,167	58,371

NOM	0	62	64,410	0	64,471	42,294	0	195,175	0	237,469	172,997
NPV	0	31	32,161	0	32,192	14,662	0	75,901	0	90,563	58,371

Discount Rate:  
Benefit/Cost Ratio (Col(11) / Col(6)) :

8.37 %  
2.81

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PARTICIPANT COSTS AND BENEFITS  
PROGRAM METHOD SELECTED: REV\_RBQ  
PROGRAM NAME: ████████████████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(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)
2006	2,746	0	2,610	0	5,356	24,081	0	0	24,081	(18,725)	(18,725)
2007	5,557	0	0	0	5,557	0	0	0	0	5,557	(13,597)
2008	5,509	0	0	0	5,509	0	0	0	0	5,509	(8,906)
2009	5,589	0	0	0	5,589	0	0	0	0	5,589	(4,515)
2010	5,636	0	0	0	5,636	0	0	0	0	5,636	(429)
2011	5,718	0	0	0	5,718	0	0	0	0	5,718	3,397
2012	5,791	0	0	0	5,791	0	0	0	0	5,791	6,972
2013	5,897	0	0	0	5,897	0	0	0	0	5,897	10,331
2014	5,998	0	0	0	5,998	0	0	0	0	5,998	13,484
2015	6,013	0	0	0	6,013	0	0	0	0	6,013	16,401
2016	6,089	0	0	0	6,089	0	0	0	0	6,089	19,127
2017	6,132	0	0	0	6,132	0	0	0	0	6,132	21,660
2018	6,222	0	0	0	6,222	0	0	0	0	6,222	24,031
2019	6,368	0	0	0	6,368	0	0	0	0	6,368	26,271
2020	6,520	0	0	0	6,520	0	0	0	0	6,520	28,387
2021	6,675	0	0	0	6,675	0	0	0	0	6,675	30,386
2022	6,834	0	0	0	6,834	0	0	0	0	6,834	32,275
2023	6,997	0	0	0	6,997	0	0	0	0	6,997	34,059
2024	7,164	0	0	0	7,164	0	0	0	0	7,164	35,744
2025	7,334	0	0	0	7,334	0	0	0	0	7,334	37,337
2026	7,509	0	2,610	0	10,119	40,329	0	0	40,329	(30,210)	31,284
2027	7,689	0	0	0	7,689	0	0	0	0	7,689	32,706
2028	7,872	0	0	0	7,872	0	0	0	0	7,872	34,049
2029	8,060	0	0	0	8,060	0	0	0	0	8,060	35,318
2030	8,253	0	0	0	8,253	0	0	0	0	8,253	36,516
2031	8,450	0	0	0	8,450	0	0	0	0	8,450	37,649

NCM	168,622	0	5,220	0	173,842	64,410	0	0	64,410	109,432
NEV	66,677	0	3,133	0	69,810	32,161	0	0	32,161	37,649

In Service of Gen Unit:  
 Discount Rate : 2011 8.37 %  
 Benefit/Cost Ratio ( Col(6) / Col(10)) 2.17

RATE IMPACT TEST  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

(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 & FUEL BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	23	2,610	2,191	0	4,824	3,706	0	0	0	3,706	(1,118)	(1,118)
2007	0	0	0	4,428	0	4,428	7,420	0	0	0	7,420	2,992	1,643
2008	0	0	0	4,385	0	4,385	6,200	0	0	0	6,200	1,814	3,188
2009	0	0	0	4,445	0	4,445	5,948	0	0	0	5,948	1,503	4,368
2010	0	0	0	4,478	0	4,478	5,354	0	0	0	5,354	877	5,004
2011	0	0	0	4,523	0	4,523	7,827	0	0	0	7,827	3,304	7,214
2012	0	0	0	4,566	0	4,566	8,230	0	0	0	8,230	3,665	9,477
2013	0	0	0	4,644	0	4,644	8,321	0	0	0	8,321	3,678	11,572
2014	0	0	0	4,714	0	4,714	8,362	0	0	0	8,362	3,648	13,490
2015	0	0	0	4,722	0	4,722	8,773	0	0	0	8,773	4,051	15,455
2016	0	0	0	4,774	0	4,774	8,800	0	0	0	8,800	4,026	17,257
2017	0	0	0	4,801	0	4,801	8,865	0	0	0	8,865	4,064	18,935
2018	0	0	0	4,866	0	4,866	9,414	0	0	0	9,414	4,547	20,668
2019	0	0	0	4,978	0	4,978	9,750	0	0	0	9,750	4,772	22,347
2020	0	0	0	5,097	0	5,097	10,082	0	0	0	10,082	4,985	23,965
2021	0	0	0	5,218	0	5,218	9,917	0	0	0	9,917	4,699	25,372
2022	0	0	0	5,343	0	5,343	10,529	0	0	0	10,529	5,186	26,805
2023	0	0	0	5,471	0	5,471	10,570	0	0	0	10,570	5,099	28,105
2024	0	0	0	5,602	0	5,602	10,243	0	0	0	10,243	4,641	29,197
2025	0	0	0	5,736	0	5,736	10,707	0	0	0	10,707	4,971	30,277
2026	0	39	2,610	5,874	0	8,522	10,845	0	0	0	10,845	2,322	30,742
2027	0	0	0	6,014	0	6,014	10,954	0	0	0	10,954	4,940	31,655
2028	0	0	0	6,158	0	6,158	11,336	0	0	0	11,336	5,178	32,539
2029	0	0	0	6,306	0	6,306	11,507	0	0	0	11,507	5,201	33,358
2030	0	0	0	6,457	0	6,457	11,643	0	0	0	11,643	5,185	34,111
2031	0	0	0	6,612	0	6,612	12,167	0	0	0	12,167	5,554	34,855

NOM.	0	62	5,220	132,405	0	137,686	237,469	0	0	0	237,469	99,783
NPV	0	31	3,133	52,544	0	55,708	90,563	0	0	0	90,563	34,855

Discount Rate  
Benefit/Cost Ratio (Col(12) / Col(7)) :

8.37 %  
1.63

1 INPUT DATA -- PART 1 CONTINUED  
2 PROGRAM METHOD SELECTED: REV\_REQ  
3 PROGRAM NAME: ██████████

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER .....	189.00 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER .....	253.47 kW
(3) kW LINE LOSS PERCENTAGE .....	9.03 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER .....	1,686,889.27 kWh
(5) kWh LINE LOSS PERCENTAGE .....	7.16 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER kWh INCREASE AT METER .....	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	26 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.70748
(5) K FACTOR FOR T & D .....	1.61194

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER .....	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER .....	*** \$/CUST
(3) UTILITY COST ESCALATION RATE .....	*** %**
(4) CUSTOMER EQUIPMENT COST .....	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE .....	*** %**
(6) CUSTOMER O & M COST .....	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE .....	*** %**
(8) INCREASED SUPPLY COSTS .....	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES .....	*** %**
(10) UTILITY DISCOUNT RATE .....	8.37 %
(11) UTILITY AFUDC RATE .....	7.84 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE .....	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE .....	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE .....	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR .....	2006
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2009-2011
(4) BASE YEAR AVOIDED GENERATING COST .....	492.12 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	0.00 \$/kW
(6) BASE YEAR DISTRIBUTION COST .....	0.00 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	30.93 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	3.72 %**
(10) TRANSMISSION FIXED O & M COST .....	0.00 \$/kW
(11) DISTRIBUTION FIXED O & M COST .....	0.00 \$/kW
(12) T&D FIXED O&M ESCALATION RATE .....	3.72 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.082 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	1.46 %**
(15) GENERATOR CAPACITY FACTOR .....	4% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	6.32 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	4.44 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL .....	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE .....	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL .....	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE .....	*** %

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
\*\* VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)  
\*\*\* PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2



1  
2  
3

\* INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SELECTED: RBV\_REQ  
PROGRAM NAME: ██████████

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2006	2	50	0	52	51	4	375	0	0	375
2007	0	0	0	0	89	7	0	0	0	0
2008	0	0	0	0	73	7	0	0	0	0
2009	0	0	0	0	70	7	0	0	0	0
2010	0	0	0	0	66	6	0	0	0	0
2011	0	0	0	0	69	17	0	0	0	0
2012	0	0	0	0	70	18	0	0	0	0
2013	0	0	0	0	71	19	0	0	0	0
2014	0	0	0	0	72	18	0	0	0	0
2015	0	0	0	0	75	18	0	0	0	0
2016	0	0	0	0	80	18	0	0	0	0
2017	0	0	0	0	84	18	0	0	0	0
2018	0	0	0	0	89	18	0	0	0	0
2019	0	0	0	0	92	18	0	0	0	0
2020	0	0	0	0	96	18	0	0	0	0
2021	0	0	0	0	99	18	0	0	0	0
2022	0	0	0	0	103	18	0	0	0	0
2023	0	0	0	0	105	18	0	0	0	0
2024	0	0	0	0	109	18	0	0	0	0
2025	0	0	0	0	113	17	0	0	0	0
2026	2	50	0	52	117	16	542	0	0	542
2027	0	0	0	0	117	16	0	0	0	0
2028	0	0	0	0	117	16	0	0	0	0
2029	0	0	0	0	117	16	0	0	0	0
2030	0	0	0	0	117	16	0	0	0	0
2031	0	0	0	0	117	16	0	0	0	0
<hr/>										
NOM	4	100	0	104	2,381	396	917	0	0	917
NPV	2	60	0	62	923	150	484	0	0	484

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

\*\* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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CALCULATION OF GEN K-FACTOR  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME: ██████████

YEAR	(2) BEG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2011	156	5	0	11	7	0	0	6	(0)	29	29	29	152
2012	149	5	0	10	5	3	1	6	2	31	29	58	152
2013	141	4	0	10	5	3	1	6	2	30	26	83	157
2014	134	4	0	9	5	3	1	6	1	29	23	106	162
2015	126	4	0	9	5	2	1	6	1	28	20	126	167
2016	119	4	0	8	4	2	1	6	1	27	18	144	172
2017	112	4	0	8	4	2	1	6	1	25	16	159	177
2018	105	3	0	7	4	2	1	6	0	24	14	173	182
2019	99	3	0	7	4	2	1	6	0	23	12	185	187
2020	92	3	0	6	4	2	1	6	0	22	11	196	193
2021	86	3	0	6	4	2	1	6	0	21	10	206	199
2022	79	3	0	5	3	2	1	6	0	20	8	214	205
2023	73	2	0	5	3	1	1	6	0	19	7	222	211
2024	66	2	0	5	3	1	1	6	0	18	6	228	217
2025	60	2	0	4	2	1	1	6	0	17	6	234	224
2026	53	2	0	4	2	1	1	6	0	16	5	238	231
2027	47	1	0	3	2	1	1	6	0	15	4	243	237
2028	40	1	0	3	2	1	1	6	0	14	4	246	245
2029	34	1	0	2	1	1	1	6	0	13	3	249	252
2030	27	1	0	2	1	1	1	6	0	12	3	252	260
2031	21	1	0	1	2	0	1	6	(1)	11	2	254	267
2032	16	0	0	1	3	0	1	6	(2)	10	2	256	275
2033	12	0	0	1	3	0	1	6	(2)	10	2	258	284
2034	8	0	0	1	3	0	1	6	(2)	9	1	259	292
2035	4	0	0	0	3	(0)	1	6	(2)	8	1	260	301

IN SERVICE COST (\$000)	152
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
BFFBC TAX RATE	38.575
DISCOUNT RATE	8.4%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	44%	7.20	%
P/S	0%	0.00	%
C/S	56%	12.30	%

K-FACTOR = CPWFC / IN-SVC COST = 1.70748

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	6	6	6	6	6	6	(0)	9	0	0	0	(0)	(3)
2012	7.22%	11	17	6	12	6	11	2	9	0	0	0	2	(1)
2013	6.68%	10	27	6	18	6	17	2	9	0	0	0	2	1
2014	6.18%	9	36	6	24	6	23	1	9	0	0	0	1	2
2015	5.71%	9	45	6	30	6	29	1	9	0	0	0	1	3
2016	5.29%	8	53	6	37	6	34	1	9	0	0	0	1	4
2017	4.89%	7	60	6	43	6	40	1	9	0	0	0	1	5
2018	4.52%	7	67	6	49	6	46	0	9	0	0	0	0	5
2019	4.46%	7	74	6	55	6	51	0	9	0	0	0	0	5
2020	4.46%	7	80	6	61	6	57	0	9	0	0	0	0	6
2021	4.46%	7	87	6	67	6	63	0	9	0	0	0	0	6
2022	4.46%	7	94	6	73	6	69	0	9	0	0	0	0	7
2023	4.46%	7	100	6	79	6	74	0	9	0	0	0	0	7
2024	4.46%	7	107	6	85	6	80	0	9	0	0	0	0	7
2025	4.46%	7	114	6	91	6	86	0	9	0	0	0	0	8
2026	4.46%	7	121	6	98	6	92	0	9	0	0	0	0	8
2027	4.46%	7	127	6	104	6	97	0	9	0	0	0	0	9
2028	4.46%	7	134	6	110	6	103	0	9	0	0	0	0	9
2029	4.46%	7	141	6	116	6	109	0	9	0	0	0	0	9
2030	4.46%	7	148	6	122	6	114	0	9	0	0	0	0	10
2031	2.23%	3	151	6	128	6	120	(1)	9	0	0	0	(1)	9
2032	0.00%	0	151	6	134	6	126	(2)	9	0	0	0	(2)	7
2033	0.00%	0	151	6	140	6	132	(2)	9	0	0	0	(2)	4
2034	0.00%	0	151	6	146	6	137	(2)	9	0	0	0	(2)	2
2035	0.00%	0	151	6	152	6	143	(2)	9	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(3)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	9
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

1  
2  
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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
 PROGRAM METHOD SELECTED: REV\_REQ  
 PROGRAM NAME: ██████████

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRBICATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2011	3.75%	6	(0)	146	6	(3)	156	149	152
2012	7.22%	11	2	140	12	(1)	149	141	145
2013	6.68%	10	2	134	18	1	141	134	137
2014	6.18%	9	1	128	24	2	134	126	130
2015	5.71%	9	1	122	30	3	126	119	122
2016	5.29%	8	1	116	37	4	119	112	115
2017	4.89%	7	1	110	43	5	112	105	109
2018	4.52%	7	0	104	49	5	105	99	102
2019	4.46%	7	0	98	55	5	99	92	95
2020	4.46%	7	0	91	61	6	92	86	89
2021	4.46%	7	0	85	67	6	86	79	82
2022	4.46%	7	0	79	73	7	79	73	76
2023	4.46%	7	0	73	79	7	73	66	69
2024	4.46%	7	0	67	85	7	66	60	63
2025	4.46%	7	0	61	91	8	60	53	56
2026	4.46%	7	0	55	98	8	53	47	50
2027	4.46%	7	0	49	104	9	47	40	43
2028	4.46%	7	0	43	110	9	40	34	37
2029	4.46%	7	0	37	116	9	34	27	30
2030	4.46%	7	0	30	122	10	27	21	24
2031	2.23%	3	(1)	24	128	9	21	16	18
2032	0.00%	0	(2)	18	134	7	16	12	14
2033	0.00%	0	(2)	12	140	4	12	8	10
2034	0.00%	0	(2)	6	146	2	8	4	6
2035	0.00%	0	(2)	(0)	152	0	4	0	2

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE RATE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2006	-5	0.00%	1.000	0.00%	0.00	0.00
2007	-4	3.00%	1.030	0.00%	0.00	0.00
2008	-3	3.00%	1.061	17.00%	88.76	44.38
2009	-2	3.00%	1.093	59.00%	317.27	247.39
2010	-1	3.00%	1.126	24.00%	132.93	472.50

100.00% 538.96

YEAR	(8) NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8a)* DEBT AFUDC (\$/kW)	(8b)* CUMULATIVE DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CPI (\$/kW)	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2006	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	-3	44.38	1.41	1.41	3.48	3.48	3.20	3.20	(0.69)	(0.69)	92.23	92.23
2009	-2	250.87	8.01	9.42	19.72	23.20	18.04	21.24	(3.87)	(4.56)	337.00	429.23
2010	-1	495.70	15.92	25.34	39.22	62.42	35.55	56.79	(7.57)	(12.13)	172.15	601.38

25.34

62.42

56.79

(12.13)

601.38

IN SERVICE YEAR	2011
PLANT COSTS	492.12
AFUDC RATE	7.84%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	137	137	137
EQUITY AFUDC	9		
DEBT AFUDC	6	6	
CPI			14
TOTAL	152	143	151

\* Column not specified in workbook

1  
2  
3

INPUT DATA -- PART 2  
PROGRAM METHOD SELECTED : REV\_REQ  
PROGRAM NAME: ██████████

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	(5) AVOIDED MARGINAL FUEL COST (C/kWh)	(6)* INCREASED MARGINAL FUEL COST (C/kWh)	(7) REPLACEMENT FUEL COST (C/kWh)	(8) PROGRAM kW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2006	1	1	7.71	7.92	9.97	0.00	1.00	1.00
2007	1	1	7.74	7.85	9.62	0.00	1.00	1.00
2008	1	1	6.46	6.58	8.60	0.00	1.00	1.00
2009	1	1	6.20	6.32	8.22	0.00	1.00	1.00
2010	1	1	5.58	5.69	7.30	0.00	1.00	1.00
2011	1	1	5.89	6.00	7.78	7.52	1.00	1.00
2012	1	1	6.06	6.17	8.08	6.80	1.00	1.00
2013	1	1	6.29	6.42	8.57	7.65	1.00	1.00
2014	1	1	6.43	6.57	8.89	8.10	1.00	1.00
2015	1	1	6.79	6.94	9.26	7.74	1.00	1.00
2016	1	1	7.14	7.29	10.00	9.08	1.00	1.00
2017	1	1	7.21	7.35	10.81	9.93	1.00	1.00
2018	1	1	7.67	7.82	11.71	9.87	1.00	1.00
2019	1	1	8.05	8.20	12.48	10.52	1.00	1.00
2020	1	1	8.30	8.44	13.31	10.44	1.00	1.00
2021	1	1	8.51	8.65	13.77	12.95	1.00	1.00
2022	1	1	8.73	8.86	14.14	10.56	1.00	1.00
2023	1	1	8.86	9.00	14.54	11.55	1.00	1.00
2024	1	1	8.91	9.02	14.74	15.91	1.00	1.00
2025	1	1	9.22	9.32	15.24	14.25	1.00	1.00
2026	1	1	9.42	9.52	15.68	15.42	1.00	1.00
2027	1	1	9.66	9.75	15.98	17.44	1.00	1.00
2028	1	1	9.85	9.92	16.17	15.36	1.00	1.00
2029	1	1	10.04	10.11	16.30	16.09	1.00	1.00
2030	1	1	10.24	10.30	16.29	18.01	1.00	1.00
2031	1	1	10.54	10.60	16.46	13.65	1.00	1.00

\* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.  
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

1  
3

AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	29	9	0	6	7	37
2012	31	10	0	9	10	41
2013	30	10	0	20	22	39
2014	29	11	0	23	26	37
2015	28	11	0	38	39	38
2016	27	11	1	43	49	32
2017	25	12	0	34	39	32
2018	24	12	0	34	37	34
2019	23	13	0	31	34	33
2020	22	13	0	27	28	34
2021	21	13	0	27	34	28
2022	20	14	0	23	23	35
2023	19	14	0	22	23	33
2024	18	15	0	17	24	26
2025	17	15	0	18	21	29
2026	16	16	0	16	21	28
2027	15	17	0	16	22	26
2028	14	17	0	13	16	29
2029	13	18	0	13	15	28
2030	12	18	0	11	15	27
2031	11	19	0	11	10	31

NOM	447	288	5	451	516	675
NPV	170	88	2	159	179	239

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AVOIDED T&D AND PROGRAM FUEL SAVINGS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2006	0	0	0	0	0	0	67	0
2007	0	0	0	0	0	0	133	0
2008	0	0	0	0	0	0	112	0
2009	0	0	0	0	0	0	107	0
2010	0	0	0	0	0	0	97	0
2011	0	0	0	0	0	0	102	0
2012	0	0	0	0	0	0	105	0
2013	0	0	0	0	0	0	109	0
2014	0	0	0	0	0	0	112	0
2015	0	0	0	0	0	0	118	0
2016	0	0	0	0	0	0	124	0
2017	0	0	0	0	0	0	125	0
2018	0	0	0	0	0	0	133	0
2019	0	0	0	0	0	0	139	0
2020	0	0	0	0	0	0	143	0
2021	0	0	0	0	0	0	147	0
2022	0	0	0	0	0	0	150	0
2023	0	0	0	0	0	0	153	0
2024	0	0	0	0	0	0	153	0
2025	0	0	0	0	0	0	158	0
2026	0	0	0	0	0	0	161	0
2027	0	0	0	0	0	0	165	0
2028	0	0	0	0	0	0	168	0
2029	0	0	0	0	0	0	171	0
2030	0	0	0	0	0	0	174	0
2031	0	0	0	0	0	0	179	0
<hr/>								
NOM.	0	0	0	0	0	0	3,505	0
NPV	0	0	0	0	0	0	1,366	0

\* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.



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TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED: REV\_RBQ  
PROGRAM NAME: ██████████

(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)
2006	0	2	375	0	377	0	0	67	0	67	(309)	(309)
2007	0	0	0	0	0	0	0	133	0	133	133	(186)
2008	0	0	0	0	0	0	0	112	0	112	112	(91)
2009	0	0	0	0	0	0	0	107	0	107	107	(7)
2010	0	0	0	0	0	0	0	97	0	97	97	63
2011	0	0	0	0	0	37	0	102	0	139	139	156
2012	0	0	0	0	0	41	0	105	0	146	146	246
2013	0	0	0	0	0	39	0	109	0	148	148	330
2014	0	0	0	0	0	37	0	112	0	149	149	409
2015	0	0	0	0	0	38	0	118	0	156	156	484
2016	0	0	0	0	0	32	0	124	0	156	156	554
2017	0	0	0	0	0	32	0	125	0	157	157	619
2018	0	0	0	0	0	34	0	133	0	166	166	682
2019	0	0	0	0	0	33	0	139	0	172	172	743
2020	0	0	0	0	0	34	0	143	0	178	178	800
2021	0	0	0	0	0	28	0	147	0	175	175	853
2022	0	0	0	0	0	35	0	150	0	185	185	904
2023	0	0	0	0	0	33	0	153	0	185	185	951
2024	0	0	0	0	0	26	0	153	0	179	179	993
2025	0	0	0	0	0	29	0	158	0	187	187	1,034
2026	0	2	542	0	544	28	0	161	0	189	(355)	963
2027	0	0	0	0	0	26	0	165	0	191	191	998
2028	0	0	0	0	0	29	0	168	0	197	197	1,031
2029	0	0	0	0	0	28	0	171	0	199	199	1,063
2030	0	0	0	0	0	27	0	174	0	201	201	1,092
2031	0	0	0	0	0	31	0	179	0	210	210	1,120

NOM	0	4	917	0	921	675	0	3,505	0	4,180	3,259
NPV	0	2	484	0	486	239	0	1,366	0	1,606	1,120

Discount Rate:

8.37 %

Benefit/Cost Ratio (Col(11) / Col(6)) :

3.31

1  
2  
3

PARTICIPANT COSTS AND BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	73	0	50	0	123	375	0	0	375	(252)	(252)
2007	127	0	0	0	127	0	0	0	0	127	(134)
2008	106	0	0	0	106	0	0	0	0	106	(44)
2009	102	0	0	0	102	0	0	0	0	102	36
2010	96	0	0	0	96	0	0	0	0	96	106
2011	110	0	0	0	110	0	0	0	0	110	179
2012	113	0	0	0	113	0	0	0	0	113	249
2013	115	0	0	0	115	0	0	0	0	115	314
2014	116	0	0	0	116	0	0	0	0	116	375
2015	119	0	0	0	119	0	0	0	0	119	433
2016	126	0	0	0	126	0	0	0	0	126	489
2017	132	0	0	0	132	0	0	0	0	132	544
2018	138	0	0	0	138	0	0	0	0	138	596
2019	142	0	0	0	142	0	0	0	0	142	646
2020	147	0	0	0	147	0	0	0	0	147	694
2021	152	0	0	0	152	0	0	0	0	152	740
2022	157	0	0	0	157	0	0	0	0	157	783
2023	161	0	0	0	161	0	0	0	0	161	824
2024	165	0	0	0	165	0	0	0	0	165	863
2025	170	0	0	0	170	0	0	0	0	170	900
2026	175	0	50	0	225	542	0	0	542	(318)	836
2027	175	0	0	0	175	0	0	0	0	175	868
2028	175	0	0	0	175	0	0	0	0	175	898
2029	175	0	0	0	175	0	0	0	0	175	925
2030	175	0	0	0	175	0	0	0	0	175	951
2031	175	0	0	0	175	0	0	0	0	175	974

NOM	3,613	0	100	0	3,713	917	0	0	917	2,796
NPV	1,398	0	60	0	1,458	484	0	0	484	974

In Service of Gen Unit:  
Discount Rate : 2011 8.37 %  
Benefit/Cost Ratio ( Col(6) / Col(10)) 3.01

1  
2  
3

RATE IMPACT TEST  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(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 & FUEL BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	2	50	55	0	106	67	0	0	0	67	(39)	(39)
2007	0	0	0	96	0	96	133	0	0	0	133	37	(5)
2008	0	0	0	80	0	80	112	0	0	0	112	31	22
2009	0	0	0	77	0	77	107	0	0	0	107	30	45
2010	0	0	0	72	0	72	97	0	0	0	97	24	63
2011	0	0	0	85	0	85	139	0	0	0	139	54	99
2012	0	0	0	88	0	88	146	0	0	0	146	58	134
2013	0	0	0	90	0	90	148	0	0	0	148	58	167
2014	0	0	0	90	0	90	149	0	0	0	149	58	198
2015	0	0	0	93	0	93	156	0	0	0	156	62	228
2016	0	0	0	98	0	98	156	0	0	0	156	58	254
2017	0	0	0	102	0	102	157	0	0	0	157	55	277
2018	0	0	0	106	0	106	166	0	0	0	166	60	300
2019	0	0	0	110	0	110	172	0	0	0	172	62	321
2020	0	0	0	114	0	114	178	0	0	0	178	64	342
2021	0	0	0	117	0	117	175	0	0	0	175	58	359
2022	0	0	0	120	0	120	185	0	0	0	185	64	377
2023	0	0	0	123	0	123	185	0	0	0	185	62	393
2024	0	0	0	127	0	127	179	0	0	0	179	53	405
2025	0	0	0	130	0	130	187	0	0	0	187	57	418
2026	0	2	50	133	0	186	189	0	0	0	189	3	418
2027	0	0	0	133	0	133	191	0	0	0	191	57	429
2028	0	0	0	133	0	133	197	0	0	0	197	63	440
2029	0	0	0	133	0	133	199	0	0	0	199	66	450
2030	0	0	0	133	0	133	201	0	0	0	201	68	460
2031	0	0	0	133	0	133	210	0	0	0	210	76	470

NOM.	0	4	100	2,777	0	2,881	4,180	0	0	0	4,180	1,299
NPV	0	2	60	1,074	0	1,135	1,606	0	0	0	1,606	470

Discount Rate 8.37 %  
Benefit/Cost Ratio (Col(12) / Col(7)) : 1.41

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Building Envelope Program**

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

**Program Accomplishments for January through December 2007:** During this period total reduction was 8,214 kW. The estimate for the period was 8,463 kW.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$3,016,119 or \$61,044 less than projected. This program is deemed on target with a two percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 57,284 kW.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: Business Water Heating**

**Program Description:** A program designed to encourage eligible business customers to install qualifying Heat Recovery Units (HRU) or Heat Pump Water Heater (HPWH) equipment.

**Program Accomplishments for January through December 2007:** During this period total reduction was 69 kW. The estimate for the period was 102 kW.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$37,866 or \$12,347 less than projected due to fewer installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 69 kW.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: Business Refrigeration Program**

**Program Description:** A program designed to encourage eligible business customers to install energy-saving equipment to reduce or eliminate the use of electric heating elements needed to prevent condensation on display case doors and to defrost freezer doors.

**Program Accomplishments for January through December 2007:** During this period total reduction was 40 kW. The estimate for the period was 108 kW.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$8,253 or \$2,462 less than projected due to fewer installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 40 kW.

## 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 further evaluation as candidates for program development.

**Program Accomplishments for January through December 2007:** This period included the continuation of technology assessment of products/concepts for potential DSM opportunities. (See supplement for current concepts).

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$513,643 or \$32,032 more than projected. This program is deemed on target with a less than seven percent variance.

**Program Progress Summary:** The attached listing details FPL's activities during this period.

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

<b>Technology Assessment</b>	<b>Description</b>	<b>Status</b>
SmartCool HVAC Optimizer	<p>This was a field test of a control system which optimizes the cycling pattern of a/c compressors to save energy and possibly reduce peak demand. The operation of many compressors can be coordinated by a central controller. A 15-month monitoring and evaluation performance test, conducted by the University of Miami (UM), collected actual field data at a national chain drug store in Miami from July 2006 through October 2007.</p>	<p>A final report was delivered in December 2007 containing extensive statistical analysis and normalization with typical weather in the FPL service area in order to model both peak hour demand reductions and annual energy savings. The cost effectiveness of this retrofit resulting from energy and demand reductions will be evaluated for both the customer and the electric utility. Recommendations will be developed in 2008 depending on the outcome of the cost effectiveness testing.</p>
Commercial Refrigeration Flow Controls	<p>This is a test of upgrading popular supermarket refrigerated cases with two types of advanced refrigerant flow control valves.</p> <p>Data was gathered on the first type of valve at a popular supermarket in Palatka, Florida. The University of Florida (UF) collected usage data before and after retrofitting a working refrigerated case with an electronic evaporator pressure regulating (EEPR) variable refrigerant flow valve.</p> <p>The second type of valve, a mechanical variable flow valve, was tested in a lab in the UF mechanical engineering department.</p>	<p>A draft report for the first valve including statistical analysis of the savings was delivered to FPL in December 2007.</p> <p>A draft report for a second type valve is expected in 2008. Review of the results and recommendations will follow.</p>



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

<b>Technology Assessment</b>	<b>Description</b>	<b>Status</b>
SmartCool in a Refrigeration Application	This was a lab test of the SmartCool compressor optimizer installed on a supermarket refrigerated case. The University of South Florida (USF) conducted the data collection and performed the statistical analysis of the savings.	A final report was delivered in December 2007. Recommendations will follow in 2008.
Commercial Heat Pump Water Heaters	FPL was one of about seven organizations which co-funded an Electric Power Research Institute (EPRI) collaborative on commercial heat pump water heating. The study researched commercially available products, listed current manufacturers, identified the newest technology, and made recommendations for overcoming market barriers.	The final report was distributed in October 2007 and findings were provided to the Program Manager. A list of current Heat Pump Water Heater manufacturers has been made available to FPL customers.
Energy Efficient Technology Collaborative	In June 2007 FPL, along with many other utilities, began co-funding a large collaborative project conducted by EPRI on the latest energy-efficient technologies in about seventeen categories. The leverage of participating in a large collaborative multiplies the number of technologies which can be investigated.	Final reports on several of the categories have already been completed.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: Green Power Pricing Program**

**Program Description:** Under this program, FPL provides residential and business customers interested in promoting renewable energy the option to purchase tradable renewable energy credits and support the development of renewable resources. This is a voluntary program.

**Program Accomplishments for the period January through December 2007:** During this period program accomplishments included 8,442 enrollments for a program to date total of 37,184.

**Program Fiscal Expenditures for January through December 2007:** Total expenditures (net of revenues) were \$14,100 or \$91,013 less than projected due to fewer enrollments than anticipated.

**Program Progress Summary:** Solar arrays constructed as a result of the program in 2007 include the following: 250 kW at Rothenbach Park in Sarasota, 54 kW at twenty-seven homes at the Quarry, a Centex Homes community in Naples/Ft Myers, 8 kW in four Broward schools and a 2 kW system at the Miami Science Museum.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Common Expenses

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

**Program Accomplishments:** N/A

**Program Fiscal Expenditures for January through December 2007:** Total expenditures were \$12,865,927 or \$1,096,090 less than projected. This program is deemed on target with an eight percent variance.

**Program Progress Summary:** N/A

**APPENDIX A**

**PAGES 1A – 9C**

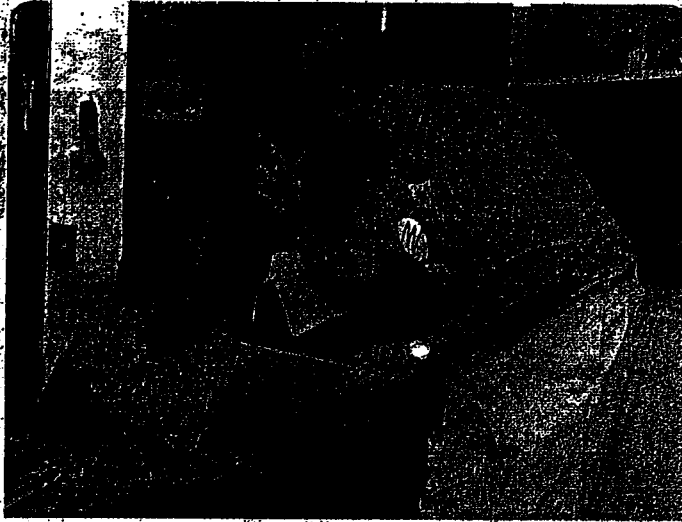
**Ceiling Fan Operating Cost**  
**Savings Quoted: \$7**

<b>Watts</b>	<b>kW</b>	<b>avg. hours/month</b>	<b>kWh/month</b>	<b>\$/kWh</b>	<b>\$/month</b>
10	0.01	730	7.3	\$0.12	\$0.88
20	0.02	730	14.6	\$0.12	\$1.75
30	0.03	730	21.9	\$0.12	\$2.63
40	0.04	730	29.2	\$0.12	\$3.50
50	0.05	730	36.5	\$0.12	\$4.38
60	0.06	730	43.8	\$0.12	\$5.26
70	0.07	730	51.1	\$0.12	\$6.13
80	0.08	730	58.4	\$0.12	<b>\$7.01</b>
90	0.09	730	65.7	\$0.12	\$7.88
100	0.1	730	73	\$0.12	\$8.76
120	0.12	730	87.6	\$0.12	\$10.51
150	0.15	730	109.5	\$0.12	\$13.14

The 80 Watt fan power was the average of 70-90 Watts reported by Danny Parker of the Florida Solar Energy Center (FSEC) for high speed.



Richard Russell finds out from FPL's Tiffany Spence about savings he can expect from his Home Energy Makeover.



FPL's John Paul explains how new compact fluorescent lights installed will help Mrs. Claretha Russell save money on FPL bills.

### Free energy-saving offers from FPL that continue to save you money.

Our Call can save customers more than \$100 each year on electric costs. By agreeing to put appliances "On Call," customers allow FPL to occasionally cycle off select major appliances for short periods of time when absolutely necessary. Most customers don't even notice when the On Call program is activated. But they definitely notice the savings. That's because FPL credits the customer's electric bill every month, even if the program is never activated.

### FPL's top tips for energy savings

- Cool your home at 78° or warmer with the thermostat fan switch on "auto." For additional savings, raise your thermostat to 82° or warmer when you're away from home.
- When using the heat, keep your home at 68° or cooler with the thermostat fan switch on "auto." To save even more, lower the thermostat to 65° or cooler at bedtime or when the home is vacant.
- Turn off ceiling fans when no one is in the room. A fan that runs all the time costs about \$7 a month.



## BEING ENERGY WISE: A WIN-WIN FOR FLORIDIANS

Thanks to the participation of so many of you in FPL's energy efficiency and conservation programs, we've avoided the need to build 11 power plants in the state! This partnership between customers and FPL is not only curbing demand for electricity and can help you lower your energy bills but, importantly, is also reducing greenhouse gas emissions.

### MANAGING YOUR HOME'S ENERGY USAGE

We have many tips and tools available to help you better manage your energy usage; these range from free energy surveys (100% ~~www.FPL.com~~) to rebates and incentives for energy-saving products to real simple ideas like buying a compact fluorescent light bulb.

For ideas, visit our Online Energy Store at [www.FPL.com/store](http://www.FPL.com/store).

### GET TO KNOW YOUR ENERGY USAGE PATTERNS

#### DID YOU KNOW?

Even when your electronics are turned off, they're still using what's called "stand by" power and that accounts for about 5 percent of your electric usage. Consumers in the U.S. are spending more than \$4 billion on "stand by" power every year!

Find out what else is using energy in your home. Get a free online home energy survey today.

#### TIP OF THE MONTH

Turn off your ceiling fan when you leave the room. A fan that runs constantly can cost up to \$7 a month depending on size and age.

[GET MORE TIPS](#)

#### ENERGY FACT

Computer monitors account for a big part of a computer's energy use, so turning them off when they're not in use can lead to considerable savings. Make sure your computer is set to go into low-power sleep mode when it's idle and turn it off when it's not in use for a long period of time.

### Catch Instant Savings With On Call

Go "On Call" and save more than \$100

There is something you can do right now to get a head start on your energy savings with FPL's On Call program.

On Call gives you a \$100 credit when you make the exchange for allowing FPL to use an extra meter on your electric meter to monitor your energy usage.

[LEARN MORE](#)

### Question Of The Month

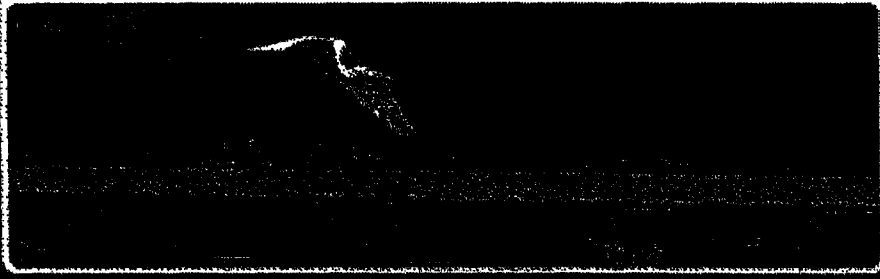
Which type of light bulb is the most energy efficient?

- Incandescent
- Compact fluorescent

[Submit](#)

View the results of the contest at [www.FPL.com](#)

Look for the results in next month's issue.



Energy Facts | Tips | Rebates

Florida Power & Light Company (FPL) has received this award for its commitment to energy efficiency and conservation. It is a testament to the hard work of our employees and the support of our customers. We are proud to be recognized for our efforts to reduce greenhouse gas emissions and improve the quality of life for our customers.

To view this email as a web page, [click here](#).  
Please add [FPL\\_Account\\_Management@fpl.com](mailto:FPL_Account_Management@fpl.com) to your address book to ensure our emails reach your inbox.  
[Click here](#) for instructions.

Docket No. 080002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(MB-1)  
Appendix A  
Page 1D



## BEING ENERGY WISE: A WIN-WIN FOR FLORIDIANS

Thanks to the participation of so many of you in FPL's energy efficiency and conservation programs, we've avoided the need to build 11 power plants in the state! This partnership between customers and FPL is not only outstripping demand for electricity and can help you lower your energy bills but, importantly, is also reducing greenhouse gas emissions.

**MANAGING YOUR HOME'S ENERGY USAGE**  
We have many tips and tools available to help you better manage your energy usage; these range from free energy surveys ([www.FPL.com/idea](http://www.FPL.com/idea)) to rebates and incentives for energy-saving products to real simple ideas like buying a compact fluorescent light bulb.

For ideas, visit our Online Energy Store at [www.FPL.com/idea](http://www.FPL.com/idea).

### GET TO KNOW YOUR ENERGY USAGE PATTERNS

#### DID YOU KNOW?

Even when your electronics are turned off, they're still using what's called "stand by" power and that accounts for about 6 percent of your electric usage. Consumers in the U.S. are spending more than \$4 billion on "stand by" power every year!

Find out what else is using energy in your home.  
Get a free [online home energy survey](#) today.

#### TIP OF THE MONTH

Turn off your ceiling fan when you leave the room. A fan that runs constantly can cost up to \$7 a month depending on size and age.

[GET MORE TIPS](#)

#### ENERGY FACT

Computer monitors account for a big part of a computer's energy use, so turning them off when they're not in use can lead to considerable savings. Make sure your computer is set to go into low-power sleep mode when it's idle and turn it off when it's not in use for a long period of time.



#### 111 energy-saving programs

You can save more than \$100 on your home energy bills by getting a free online energy survey at [www.FPL.com/idea](http://www.FPL.com/idea) and taking advantage of our energy-saving programs and rebates.

From a free energy survey to a free light bulb, we have everything you need to save on your energy bills. Visit [www.FPL.com/idea](http://www.FPL.com/idea) today.

#### Question Of The Month

What is the best way to save energy in your home?

- Turn off lights
- Turn off TV

[Submit](#)

View your results and compare them to other customers' answers.

[I want to see the results in a few months' time.](#)



[Home](#) | [About](#) | [Contact](#)

© 2008 Florida Power & Light Company. All rights reserved. We have your best interests in mind. We're committed to providing you with the best service possible. In the future, please let us know if we can help you in any way.

Florida Power & Light Company 700 Universe Blvd Juno Beach, FL 33408, USA



**Docket No. 080002-EG**  
**Exhibit No. \_\_\_\_\_**  
**Florida Power & Light Co.**  
**(MB-1)**  
**Appendix A**  
**Page 2A**

**Savings Quoted: 30%**

The BuildSmart Program defines two methods through which a homebuilder may comply in order to receive home certification. Under the Prescriptive method, a home must include the prescriptive energy efficiency measures as defined in the Program Standards. Under the Flexible method, a home must achieve an energy performance improvement of at least 20% (e-ratio of .80 or lower) above the applicable baseline home, calculated using the energy rating tool (EnergyGauge®) required by the Florida Energy Efficiency Code for Building Construction. Attached is an example of a home that achieved an energy performance improvement of 30%, as indicated by the e-ratio of .70, page 2D.

Florida Power & Light Company recognizes FPL BuildSmart builders for their visionary commitment to building energy-efficient, environmentally friendly BuildSmart homes in Florida.



**FPL.**  
**BuildSmart**

*Join those quality builders who have earned  
the FPL BuildSmart seal of certification.*

BuildSmart is FPL's program for energy-efficient new construction, designed to help Florida homebuyers save money on their energy bills. By combining technology with energy-saving initiatives, BuildSmart homes can increase energy-efficiency by up to 30% over mandated standards.

For more information on FPL's BuildSmart program,  
please contact Terry Yeager at 561-691-3023 or  
visit [FPLBuildSmart.com](http://FPLBuildSmart.com).



**FPL.**

POWERING TODAY. EMPOWERING TOMORROW.

[WWW.FPL.COM](http://WWW.FPL.COM)

an FPL Group company

Docket No. 080002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(MB-1)  
Appendix A  
Page 2B

FORM 600A-2004 Tested sealed ducts must be certified in this house. EnergyGauge® 4.21

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
 Residential Whole Building Performance Method A

<b>Project Name:</b> DR70009 Model B <b>Address:</b> 6728 Old Farm Trail <b>City, State:</b> Boynton Beach, FL 33437- <b>Owner:</b> <b>Climate Zone:</b> South	<b>Builder:</b> <b>Permitting Office:</b> <b>Permit Number:</b> <b>Jurisdiction Number:</b>
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<ol style="list-style-type: none"> <li>1. New construction or existing <span style="float: right;">New <input type="checkbox"/></span></li> <li>2. Single family or multi-family <span style="float: right;">Multi-family <input type="checkbox"/></span></li> <li>3. Number of units, if multi-family <span style="float: right;">1 <input type="checkbox"/></span></li> <li>4. Number of Bedrooms <span style="float: right;">3 <input type="checkbox"/></span></li> <li>5. Is this a worst case? <span style="float: right;">No <input type="checkbox"/></span></li> <li>6. Conditioned floor area (ft<sup>2</sup>) <span style="float: right;">1395 ft<sup>2</sup> <input type="checkbox"/></span></li> <li>7. Glass type<sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)       <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td colspan="3">(or Single or Double DEFAULT) 7a(Sngle Default) 149.5 ft<sup>2</sup> <input type="checkbox"/></td> </tr> <tr> <td colspan="3">b. SHGC:</td> </tr> <tr> <td colspan="3">(or Clear or Tint DEFAULT) 7b. (Tint) 149.5 ft<sup>2</sup> <input type="checkbox"/></td> </tr> </table> </li> <li>8. Floor types       <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 30%;">R=0.0, 103.5(p) ft</td> <td style="width: 40%;"> <input type="checkbox"/></td> </tr> <tr> <td>b. Raised Wood, Adjacent</td> <td>R=0.0, 181.5ft<sup>2</sup></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="3">c. N/A <input type="checkbox"/></td> </tr> </table> </li> <li>9. Wall types       <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Concrete, Int insul, Exterior</td> <td style="width: 30%;">R=7.1, 491.5 ft<sup>2</sup></td> <td style="width: 40%;"> <input type="checkbox"/></td> </tr> <tr> <td>b. Concrete, Int Insul, Exterior</td> <td>R=7.1, 840.0 ft<sup>2</sup></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. Frame, Wood, Adjacent</td> <td>R=11.0, 220.0 ft<sup>2</sup></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="3">d. N/A <input type="checkbox"/></td> </tr> <tr> <td colspan="3">e. N/A <input type="checkbox"/></td> </tr> </table> </li> <li>10. Ceiling types       <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 30%;">R=30.0, 783.0 ft<sup>2</sup></td> <td style="width: 40%;"> <input type="checkbox"/></td> </tr> <tr> <td colspan="3">b. N/A <input type="checkbox"/></td> </tr> <tr> <td colspan="3">c. N/A <input type="checkbox"/></td> </tr> </table> </li> <li>11. Ducts(Leak Free)       <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Con. AH: Interior</td> <td style="width: 30%;">Sup. R=6.0, 100.0 ft</td> <td style="width: 40%;"> <input type="checkbox"/></td> </tr> <tr> <td colspan="3">b. N/A <input type="checkbox"/></td> </tr> </table> </li> </ol>	a. U-factor:	Description	Area	(or Single or Double DEFAULT) 7a(Sngle Default) 149.5 ft <sup>2</sup> <input type="checkbox"/>			b. SHGC:			(or Clear or Tint DEFAULT) 7b. (Tint) 149.5 ft <sup>2</sup> <input type="checkbox"/>			a. Slab-On-Grade Edge Insulation	R=0.0, 103.5(p) ft	<input type="checkbox"/>	b. Raised Wood, Adjacent	R=0.0, 181.5ft <sup>2</sup>	<input type="checkbox"/>	c. N/A <input type="checkbox"/>			a. Concrete, Int insul, Exterior	R=7.1, 491.5 ft <sup>2</sup>	<input type="checkbox"/>	b. Concrete, Int Insul, Exterior	R=7.1, 840.0 ft <sup>2</sup>	<input type="checkbox"/>	c. 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Heating systems       <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Electric Strip</td> <td style="width: 30%;">Cap: 30.0 kBtu/hr</td> <td style="width: 40%;"> <input type="checkbox"/></td> </tr> <tr> <td colspan="3">COP: 1.00 <input type="checkbox"/></td> </tr> <tr> <td colspan="3">b. N/A <input type="checkbox"/></td> </tr> <tr> <td colspan="3">c. N/A <input type="checkbox"/></td> </tr> </table> </li> <li>14. Hot water systems       <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Electric Resistance</td> <td style="width: 30%;">Cap: 40.0 gallons</td> <td style="width: 40%;"> <input type="checkbox"/></td> </tr> <tr> <td colspan="3">EF: 0.93 <input type="checkbox"/></td> </tr> <tr> <td colspan="3">b. N/A <input type="checkbox"/></td> </tr> <tr> <td colspan="3">c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) <input type="checkbox"/></td> </tr> </table> </li> <li>15. HVAC credits <span style="float: right;">PT, <input type="checkbox"/></span> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</td> <td style="width: 70%;"></td> </tr> </table> </li> </ol>	a. Central Unit	Cap: 30.0 kBtu/hr	<input type="checkbox"/>	SEER: 13.00 <input type="checkbox"/>			b. N/A <input type="checkbox"/>			c. N/A <input type="checkbox"/>			a. Electric Strip	Cap: 30.0 kBtu/hr	<input type="checkbox"/>	COP: 1.00 <input type="checkbox"/>			b. N/A <input type="checkbox"/>			c. N/A <input type="checkbox"/>			a. Electric Resistance	Cap: 40.0 gallons	<input type="checkbox"/>	EF: 0.93 <input type="checkbox"/>			b. N/A <input type="checkbox"/>			c. 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Glass/Floor Area: 0.11	Total as-built points: 17307	PASS
	Total base points: 24648	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

**PREPARED BY:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.


**OWNER/AGENT:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

**BUILDING OFFICIAL:** \_\_\_\_\_

**DATE:** \_\_\_\_\_



<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.  
 EnergyGauge® (Version: FLR1PB v4.21)

## Summary Energy Code Results

### Residential Whole Building Performance Method A

6728 Old Farm Trail  
 Boynton Beach, FL 33437-

Project Title:  
 DR70009 Model B

Class 3 Rating  
 Registration No. 0  
 Climate: South

4/16/2007

<b>Building Loads</b>			
<b>Base</b>		<b>As-Built</b>	
Summer:	<b>39809 points</b>	Summer:	<b>36525 points</b>
Winter:	<b>1350 points</b>	Winter:	<b>1942 points</b>
Hot Water:	<b>6273 points</b>	Hot Water:	<b>6273 points</b>
Total:	<b>47433 points</b>	Total:	<b>44740 points</b>

<b>Energy Use</b>			
<b>Base</b>		<b>As-Built</b>	
Cooling:	<b>16983 points</b>	Cooling:	<b>8740 points</b>
Heating:	<b>847 points</b>	Heating:	<b>1821 points</b>
Hot Water:	<b>6819 points</b>	Hot Water:	<b>6746 points</b>
Total:	<b>24648 points</b>	Total:	<b>17307 points</b>

<p><b>PASS</b>          e-Ratio: 0.70</p>
---

**Compact Fluorescent Light (CFL) Bulb Savings**

Savings Quoted: \$60.00; 75%.

If every residential customer replaced one 60 Watt light bulb with a CFL Bulb

Assumptions:	60W Incandescent	15W CFL	Savings per CFL	Savings %
Wattage (W)	60	15	45	
Life (hours)	1000	10000		
# of bulbs	10	1	9	
\$ per bulb	\$0.85	\$2.50		
Total \$ bulbs	\$8.50	\$2.50	\$6.00	
hours per day	4	4		
hours per year	1460	1460		
\$ per kWh	\$0.12	\$0.12		
kWh per year	87.6	21.9	65.7	
\$ used per year	\$10.51	\$2.63	7.884	
kWh per life	600	150	450	
\$ used per life	\$72.00	\$18.00	\$54.00	
Total saved over life			\$60.00	

To view this email as a web page, [click here](#).

Please add [FPL\\_Account\\_Management@epb.fpl.com](mailto:FPL_Account_Management@epb.fpl.com) to your address book to ensure our emails reach your inbox.  
[Click here](#) for instructions.



## Add this energy saving tip to your fall to-do list

### Save \$60 by replacing your standard bulbs with energy-efficient CFL

October marked the start of fall, and soon you will be turning your lights on earlier in the evening. Now is the perfect time to make sure all of your lights are energy efficient.

When you replace a 60-watt incandescent bulb with an energy-saving compact fluorescent light bulb (CFL), you can save \$60 over the life of that bulb. CFLs and other energy-efficient products are available through FPL's new [Online Energy Store](#).

Your Online Energy Store purchases will help you save money and the environment, as well as support initiatives for low-income families in communities we serve.



Purchase energy efficient  
CFLs through FPL's Online  
Energy Store

LEARN MORE



### FREE! Compact Fluorescent Light Bulb When You Take A Home Energy Survey

Learn more about this offer.



[Energy Efficiency](#) | [About Us](#) | [Contact Us](#)

As a valued customer of Florida Power & Light Company, you have received this email to inform you of information that may interest you. If you do not wish to receive FPL emails in the future, please [click here](#) to opt-out. To receive our newsletter again, [click here](#).

Florida Power & Light Company 700 Universe Blvd Juno Beach, FL 33408, USA

## CFLs Save Energy And Help The Environment

Compact fluorescent lamps (CFLs) are becoming more popular among consumers and businesses. But the fact that they contain mercury is raising concerns about improper disposal.

However, there is a major environmental benefit to CFLs. ENERGY STAR qualified CFLs use up to 75% less energy while providing the same light output as incandescents, and they last up to 10 times longer.

Like all fluorescent lamps, CFLs contain some mercury, which is a hazardous substance. A typical CFL contains only about 4 milligrams (mg) of mercury, in contrast to the 25 mg found in a standard battery.

FPL and the U.S. Environmental Protection Agency (EPA) recommend that you recycle used CFLs to eliminate an risk associated with the small amount of mercury they contain. Florida



has participating waste programs that accept fluorescent lamps in nearly every county. To find a recycling or disposal site near you, visit [www.fpl.com](http://www.fpl.com) or call 1-800-FLEA-HELP (1-800-263-2687) to use your zip code to learn about recycling options in your area.

For additional tips or to purchase CFLs and other energy efficient products, visit our online Energy Store at [www.fpl.com/Store](http://www.fpl.com/Store). All sales help fund programs for your neighbors in need.

Product name: FPL 8.6W 57.75" Energy Efficient Compact Fluorescent Light Bulb. © 2008 Florida Power & Light Company. All rights reserved. U.S. Environmental Protection Agency and the U.S. Department of Energy.

## Help Save Trees With FPL E-Mail Bill

Helping to save the environment is as easy as having a valid e-mail address. That's because the FPL E-Mail Bill program allows your business to receive your bills quickly and easily via e-mail, and you can save trees while still getting the same bill detail you would get by mail. In fact, if we all received and paid all of our bills electronically, we could save more than 10 million trees a year!



FPL E-Mail Bill offers other benefits, as well:

- Secure access to your company's account information 24/7.
- Fast access to your payment history and tracking. You can view and print up to six months of electronic bill statements and up to 24 months of historical bill payments.
- E-mail notification of when payment is due.
- Option to pay your company's bill online. For added convenience and security, combine the FPL E-Mail Bill program with the FPL Automatic Bill Pay<sup>SM</sup> or Pay Online programs.

We all have a stake in a cleaner tomorrow. Your business can help do its part by enrolling in the FPL E-Mail Bill program. To participate, go to [www.fpl.com/ebillbiz](http://www.fpl.com/ebillbiz). Remember to have your FPL account information handy!

**Compact Flourescent Light (CFL) Bulb**  
**Annual Bill Savings**  
 Savings Quoted: \$13

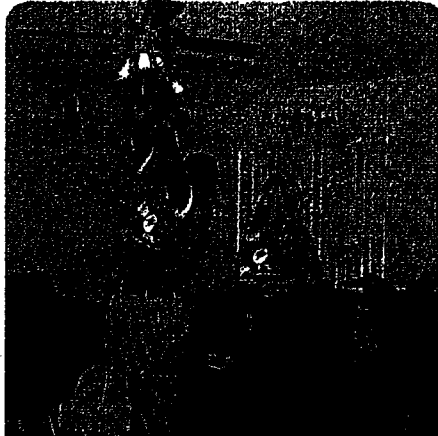
hr/day	Old Watts	New Watts	Reduced Watts	
	100	25	75	
	kWh/day	kWh/365d	Annual \$ @ \$0.108	Annual \$ @ \$0.120
1	0.075	27.38	\$2.96	\$3.29
2	0.150	54.75	\$5.91	\$6.57
3	0.225	82.13	\$8.87	\$9.86
4	0.300	109.50	\$11.83	
5	0.375	136.88	\$14.78	\$16.43
6	0.450	164.25	\$17.74	\$19.71
7	0.525	191.63	\$20.70	\$23.00
8	0.600	219.00	\$23.65	\$26.28
9	0.675	246.38	\$26.61	\$29.57
10	0.750	273.75	\$29.57	\$32.85
11	0.825	301.13	\$32.52	\$36.14
12	0.900	328.50	\$35.48	\$39.42



Energy Survey: This free and convenient program provides expert energy analysis of a customer's home and offers specific recommendations on how to save money on electric bills. For more information, go to [www.FPL.com](http://www.FPL.com) or call 1-800-DIAL-FPL.

savings. Just replacing a 100-Watt indoor incandescent light bulb with an equivalent CFL can save up to \$13 a year.

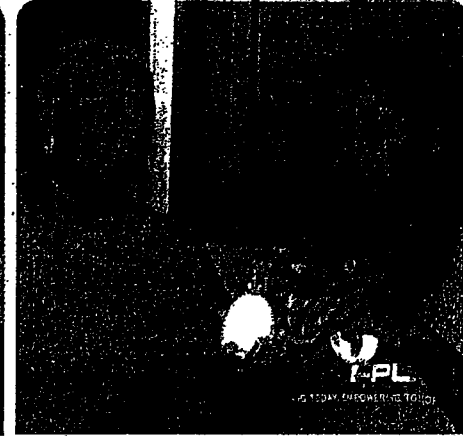
- Adjust the water level on the washing machine to match the load size, especially when using hot water. Always use a cold rinse.
- Clean the lint filter in the dryer before every load.



FPL energy specialists Russ Barnes and Joan Carlson install energy efficient compact fluorescent bulbs and homeowner Tanisha Brown is pleased with the results.



FPL energy specialist Mary McNab with Mrs. Evelyn Lewis in front of her On Call device. On Call, installed as part of her Home Energy Makeover, will help Mrs. Lewis save money every month on her electric bill.



Dorsey Riverbend resident Diana Russell-Johnson checks out the features of a water saving showerhead with FPL's Tiffany Spence.



**FPL.**

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**Business Heating, Ventilation and A/C Program-Demand Controlled Ventilation (DCV)  
 Savings Quoted: 10%**

See Chart on Page 5E (copy below). The table shows that for most cases the savings are above 10%.

**Table 1: Percentage of Annual HVAC Energy Cost Savings from DCV**

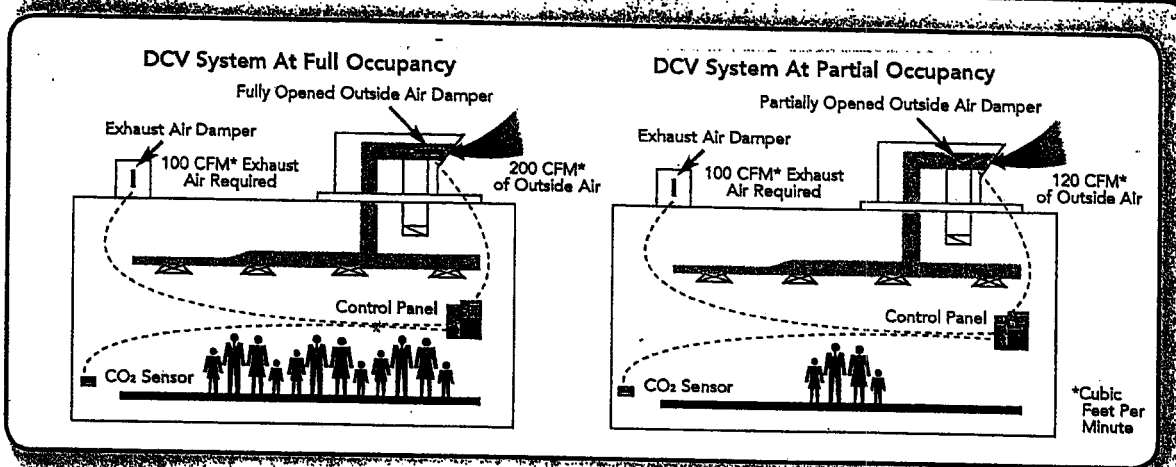
Although savings will depend heavily on actual occupancy patterns, the relatively larger percentage of savings in auditoriums and retail stores highlights these types of facilities as particularly good candidates for demand-controlled ventilation (DCV).

Location	Office			Restaurant			Retail Store			School			Auditorium		
	Energy	Demand	Total	Energy	Demand	Total	Energy	Demand	Total	Energy	Demand	Total	Energy	Demand	Total

Note that gas savings are not shown because the savings are extremely low in every case.

Source: E Source, adapted from Jim Braun (July 18, 2007), Purdue University, (765) 494-9157, jbraun@purdue.edu

# AN ENERGY SAVING SOLUTION THAT WILL HAVE YOU BREATHING EASIER



Fresh air in buildings is essential to the health and comfort of occupants, yet Florida's hot, humid air greatly increases a building's air conditioning load, especially when it is ventilated at a fixed rate for full occupancy. One solution is Demand Controlled Ventilation (DCV), a technology that adjusts ventilation rates based on actual occupancy. DCV can typically reduce air conditioning costs by 10% a year or more. It can be added to both new and existing buildings, and FPL offers an incentive for installation. To learn how DCV technology can benefit your business, call your FPL Customer Manager or the FPL Business Center at 1-800-FPL-5566 and arrange for a free FPL Business Energy Evaluation.





## FPL Tech Brief

Information, Research and Analysis Provided by E Source

### Using Demand-Controlled Ventilation To Reduce HVAC Costs

#### An Introduction To DCV

Across the United States, Wal-Mart stores are open for long hours every day, and although they may be full of browsing customers some hours of the week, at other times relatively few customers are milling about the huge floorspace. Occupancy fluctuations like these offer retail stores and other commercial facilities an opportunity for annual energy savings that can amount to as much as \$1 per square foot. Instead of continuously ventilating the space at a constant rate designed to accommodate the maximum number of customers, building operators can implement demand-controlled ventilation (DCV), in which the amount of outside air drawn in for ventilation depends on the actual occupancy of the building at any given time. This strategy results in energy savings because it reduces the amount of air that needs to be heated or cooled.

DCV is old hat to some companies—Wal-Mart specifies DCV for all new facilities and uses it in more than 1,000 stores—but many energy managers, HVAC contractors and building designers are still unfamiliar with it. That is changing, however, with improvements in DCV technology. Historically, DCV has been applied primarily in office buildings, but the consistently high rate of its growth—between 20 and 30 percent annually over the past decade—has reduced equipment costs, improved performance, and led to the development of “DCV-ready” HVAC equipment. These changes have vastly expanded the range of new and existing facilities to which DCV can be applied.

#### What Is DCV?

Many ventilation approaches could be called “demand-controlled,” including the use of operable windows or simple scheduling of air handlers to shut down the outside air damper when the building is unoccupied. This tech brief describes systems that control a building’s ventilation based on carbon dioxide (CO<sub>2</sub>) concentration. This is what is most commonly referred to as DCV.

Many building codes in the United States base their ventilation requirements on a standard written by ASHRAE (the American Society of Heating, Refrigeration and Air-Conditioning Engineers), which requires that a commercial building bring in a specified minimum amount of fresh air to ensure adequate indoor air quality (IAQ). To adhere to this standard, the choice made in most buildings is to ventilate at the fixed minimum rate per person based on the building type and the assumed occupancy—usually the building’s design occupancy. But because the number of people actually occupying the space at any given time can vary widely, the ASHRAE standard offers another way to ventilate based on actual occupancy numbers.

Because the average amount of CO<sub>2</sub> a person at a given activity level will exhale in a fixed time period is well-known, the concentration of CO<sub>2</sub> in the air inside a building is a good indicator of the number of people in a space and the rate at which the air in the space is being diluted with outdoor air. For a constant volume of fresh ventilation air, the more occupants a building has at any given time, the higher the level of CO<sub>2</sub> in the air. The ASHRAE standard allows building operators to use DCV to bring in only the air necessary for the actual occupancy. In this system, sensors monitor the CO<sub>2</sub> levels inside and send a

signal to the HVAC controls, which regulate the amount of outside ventilation air that is drawn into the building. Though ASHRAE doesn't set a maximum allowable CO<sub>2</sub> concentration, the most recent version of the standard recommends that the indoor CO<sub>2</sub> level be no more than 700 parts per million above the outdoor level.

## Benefits of DCV

DCV provides multiple benefits to building operators and occupants. It can:

- **Reduce energy consumption.** DCV systems save energy by reducing the need to heat or cool outside air. The only system change is the ratio of recirculated air to outside air—fan power is usually unaffected. DCV systems can save from \$0.05 to \$1.00 per square foot, depending on the occupancy schedule and climate. This can make a big difference for retailers in the United States, depending on their operating cost.
- **Provide proper ventilation.** If a building is not drawing in enough outside air, a DCV system may actually increase energy use, but it will also bring the building into compliance with ventilation codes and do so more efficiently than a simple increase in the constant ventilation rate. Because DCV provides the proper amount of ventilation for building occupants, it prevents under-ventilation, which can make buildings seem stuffy.
- **Show that buildings are in compliance with building codes.** It is relatively easy to prove that buildings are properly ventilated when you can simply check to see that CO<sub>2</sub> sensors read at or below the maximum allowable CO<sub>2</sub> concentration. If the DCV system is working properly, this will always be the case.

There is also one limitation of DCV that end users need to be aware of: Ventilation control based on CO<sub>2</sub> levels is an important tool that can help control occupant-related pollutants and satisfy occupant-based ventilation standards, but relying on CO<sub>2</sub> sensors alone to indicate or

control the ventilation rate will not always guarantee good IAQ, particularly in buildings that have significant nonhuman sources of air pollutants. A thorough IAQ strategy should also include a complete audit of potential pollutant sources in the building, such as vapors from copiers, building materials, furniture, cleaning solutions or, in a retail or warehouse setting, the products on the shelves.

## DCV's Cost-Effectiveness

The overall cost for implementing DCV has dropped substantially in recent years, opening up new opportunities for savings and spurring changes in some building codes. The main improvement has come from CO<sub>2</sub> sensors, some of which are now priced below \$200 (compared to over \$500 a decade ago). Today's sensors can self-calibrate, so they need far less maintenance than their predecessors. Also, several HVAC equipment manufacturers now offer DCV-ready rooftop units and variable air volume (VAV) boxes. This equipment is shipped with terminals for the CO<sub>2</sub> sensor wires and controls that are preprogrammed to implement a DCV strategy. By limiting installation costs to the cost of mounting the sensor and running wires to the rooftop unit or VAV box (wireless models are available), DCV-ready HVAC equipment substantially reduces the cost of implementing DCV.

This reduction in cost is spurring code-setting agencies to take another look at the types of buildings for which this technology is required. ASHRAE is currently contemplating changing its standard governing the energy efficiency of nonresidential buildings (which forms the basis of building codes across the United States) to require DCV in buildings that have design occupancies equal to or greater than 100 people per 1,000 square feet (about one person per square meter). And in California, the state's building code, known as Title 24, was revised in 2005 to require DCV in any building with a design occupancy of 25 people per 1,000 square feet (or about

one person every four square meters)—down from the previous level of 100 people per 1,000 square feet.

But the opportunities for DCV extend well beyond the applications that are currently or even soon to be required by building codes. For example, a study conducted in July 2007 at Purdue University shows favorable paybacks for DCV in a variety of buildings. This study investigated five types of buildings—a restaurant, a retail store, a school, an office and an auditorium—in each of eight cities in Florida. The retail stores and auditoriums showed the most opportunity for DCV, with savings estimated at around 25 percent of annual HVAC energy costs (Table 1). Paybacks can be less than three years using \$800 to \$1,200 per sensor, which includes sensor cost, programming the existing energy management, DDC conversions, and outside air damper controls. New construction projects can have much quicker paybacks depending on the DCV options on the HVAC equipment available from the factory.

## DCV Simulation Tools

Several free computer simulation tools are now available. They allow you to evaluate the cost-effectiveness of DCV for a particular application, helping to reduce the risk and uncertainty of choosing appropriate DCV applications. Some of the simulation tools can be found online at no charge, including the following:

- Hourly Analysis Program from Carrier Corp.; go to [www.commercial.carrier.com/commercial/hvac/general/1,CLH1\\_DIV12\\_ETI496,00.html](http://www.commercial.carrier.com/commercial/hvac/general/1,CLH1_DIV12_ETI496,00.html)
- Savings Estimator from Honeywell; go to <http://content.honeywell.com/building/components/economizerpromo.asp>
- CO<sub>2</sub> Ventilation Control & Energy Analysis from AirTest; go to [www.airtesttechnologies.com/support/energy-analysis/](http://www.airtesttechnologies.com/support/energy-analysis/)

**Table 1: Percentage of Annual HVAC Energy Cost Savings from DCV**

Although savings will depend heavily on actual occupancy patterns, the relatively larger percentage of savings in auditoriums and retail stores highlights these types of facilities as particularly good candidates for demand-controlled ventilation (DCV).

Location	Office			Restaurant			Retail Store			School			Auditorium		
	Energy	Demand	Total	Energy	Demand	Total	Energy	Demand	Total	Energy	Demand	Total	Energy	Demand	Total

Note that gas savings are not shown because the savings are extremely low in every case.

Source: E Source; adapted from Jim Braun (July 18, 2007), Purdue University, (765) 494-9157, jbraun@purdue.edu

## Buildings that Are Good Candidates for DCV

In general, buildings that make the best candidates for DCV are distinguished by:

- **Highly variable occupancy.** DCV offers the greatest potential for energy savings in buildings with wide or unpredictable swings in occupancy, such as auditoriums, restaurants, bars, cafeterias, theaters, retail stores, classrooms and conference rooms. Buildings with highly variable occupancy and buildings that rarely or never reach design occupancy will likely save more energy than facilities with predictable near-design occupancy, such as office buildings or schools.
- **Moderate to extreme heating or cooling climates.** Given that DCV can reduce the amount of outdoor air brought in, buildings in climates where a lot of energy is required to heat or cool the outdoor air stand to gain the most, while those in climates where little conditioning is required and where economizer operation is common will save less. Facilities with large refrigeration loads, such as supermarkets, will also benefit from the reduced humidity load that the display cases would otherwise have to remove.
- **Conventional HVAC systems.** Buildings that have packaged air-conditioning systems offer opportunities for greater energy savings than do facilities using certain other cooling systems, such as evaporative cooling. These other systems use 100 percent outside air during normal operation, which means that ventilation performance cannot be improved. However, these buildings may benefit from the use of DCV in winter, because it will reduce the amount of outside air that must be heated.
- **Long operating hours.** Buildings that are only open for a few hours per day are unlikely to be good candidates for DCV. Those facilities might be better off using timers to shut off ventilation fans during unoccupied hours.

A lot of facilities meet these descriptions, including grocery stores, supermarkets, big-box stores, theaters, lecture halls and other performance spaces, places of worship, sports arenas, restaurants and bars of all types, and department stores. In fact, the majority of commercial facilities that are not now using DCV are at least potential targets for the technology.



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**Docket No. 080002-EG**  
**Exhibit No. \_\_\_\_\_**  
**Florida Power & Light Co.**  
**(MB-1)**  
**Appendix A**  
**Page 6A**

**Savings Quoted: 50%**

Page 6C represents the back up for FPL Business Water Heating Program.

Page 6D represents the back up for FPL Business Refrigeration Program.





## Ways to Improve Water Heating And Refrigeration Energy Efficiency

Energy efficiency and keeping costs down are important issues for every business. FPL is offering new incentives on two types of technologies that can help.

### FPL Business Water Heating Program\*

If your business needs a large, steady flow of hot water throughout the day and also requires continuous cooling and dehumidification, there's a more efficient way to meet your hot water needs. A heat recovery unit (HRU) or heat pump water heater (HPWH) allows for energy savings through the dual operation of your electric water heating and cooling equipment.

Benefits include:

- The same reliable supply of hot water as standard electric water heaters for a savings of 50% or more.
- Reduced air conditioning costs.
- FPL incentive based on the type and size of equipment installed.

### FPL Business Refrigeration Program\*

The energy it takes to operate electric strip heaters on refrigerated display cases and freezer doors can be a significant part of energy usage in supermarkets, convenience stores and restaurants. Anti-sweat heater controls and special glass doors with low or no heat and freezer doors with hot gas reclaim can eliminate the need for energy-intensive heaters or ensure heaters are used only when necessary.

Benefits include:

- 50% or more reduction in refrigeration heating costs.
- Less cooling needed by eliminating extra heat that has to be removed by refrigeration.
- FPL incentive of up to \$75 per kilowatt reduction when qualifying controls and equipment are installed.

To learn more about these technologies and FPL's incentives, call our Business Care Center at 1-800-FPL-5566.

*\*Pending final approval from the Florida Public Service Commission.*

### Time-Of-Use Peak Hours Change In April

If your business is on FPL's Time-of-Use (TOU) rate, please remember that FPL's on-peak hours change on April 1. From April 1 to Oct. 31, on-peak hours are Monday through Friday from noon to 9 p.m., excluding Memorial Day, Independence Day and Labor Day. To learn more about TOU or FPL's other rates, call our Business Care Center at 1-800-FPL-5566.



INPUT HEAT PUMP SYSTEM DATA										INPUT COSTS													
TOTAL HOT WATER USED	65.0 GAL/DAY	1950 gallons/month	TOTAL COST INCLUDING STORAGE	=====	\$1,200 COST	POWER COST/KWH	=====	0.07187 \$/KWH	POWER COST/KWH	=====	6.73 \$/KWH	TAX SALES FRAN CITY GROSS REC	=====	10%	MAINTENANCE COST	=====	\$10 /YEAR	DAYS/ WEEK SYS OPER	=====	5.5 /WEEK	MONTHS / YR SYS OPER	=====	12 / YEAR
HEAT CAP HEAT PUMP	6000 BTU PER HOUR	HEAT PUMP COP - HEATING	2.5 COP	TANK VOLUME	40 GALLONS	TEMP HEATPUMP SETTING	120 DEG F	TEMP HEATSTRIP SETTING	115 DEG F	TEMP SUPPLY WATER	70 DEG F	INITIAL TANK TEMPERATURE	115 DEG F	TEMP AMBIENT AIR @ TANK	75 DEG F	AUX HEATER POWER	4.5 KILOWATTS	TANK HEAT LOSS	20% HEAT LOSS DAILY (INCL CIRC)	CIR PUMP POWER	0 WATTS		
ANALYSIS ENERGY BALANCE & POWER USAGE										0.42 PEAK KW MONTHLY													
HR	HOT WATER USED PERCENT	HOT WATER USED GALLONS	HEAT LOSS TANK/PIPE BTUH	TANK TEMP AFTER SUPPLY WATER MIXES (DEG F)	HEATPUMP OUTPUT (BTUH)	TANK TEMP HEATPUMP HEATING (DEG F)	HEAT PUMP POWER (KW)	AUX STRIP HEATER POWER (KW)	FINAL WATER TANK TEMP (DEG F)	HP&STRIP POWER USED (KW)	POWER STRIPHEAT ONLY (KW)	POWER OVER STRIPHE (KW)	BTU'S HEATPUMP & AUX STRIP BTU'S	BTU'S HEAT STRIPS ONLY									
Initial			115.0						115.0														
1 AM	1	0.7	125	113.9	2035	120.0	0.24	0.00	120.0	0.24	0.60	0.36	2035	2035									
2 AM	0	0.0	125	119.6	125	120.0	0.01	0.00	120.0	0.01	0.04	0.02	125	125									
3 AM	0	0.0	125	119.6	125	120.0	0.01	0.00	120.0	0.01	0.04	0.02	125	125									
4 AM	1	0.7	125	118.8	396	120.0	0.05	0.00	120.0	0.05	0.12	0.07	396	396									
5 AM	2	1.3	125	118.0	666	120.0	0.08	0.00	120.0	0.08	0.20	0.12	666	666									
6 AM	5	3.3	125	115.6	1479	120.0	0.17	0.00	120.0	0.17	0.43	0.26	1479	1479									
7 AM	8	5.2	125	113.1	2291	120.0	0.27	0.00	120.0	0.27	0.67	0.40	2291	2291									
8 AM	7	4.6	125	113.9	2020	120.0	0.24	0.00	120.0	0.24	0.59	0.36	2020	2020									
9 AM	5	3.3	125	115.6	1479	120.0	0.17	0.00	120.0	0.17	0.43	0.26	1479	1479									
10 AM	5	3.3	125	115.6	1479	120.0	0.17	0.00	120.0	0.17	0.43	0.26	1479	1479									
11 AM	4	2.6	125	116.4	1208	120.0	0.14	0.00	120.0	0.14	0.35	0.21	1208	1208									
NOON	4	2.6	125	116.4	1208	120.0	0.14	0.00	120.0	0.14	0.35	0.21	1208	1208									
1 PM	4	2.6	125	116.4	1208	120.0	0.14	0.00	120.0	0.14	0.35	0.21	1208	1208									
2 PM	4	2.6	125	116.4	1208	120.0	0.14	0.00	120.0	0.14	0.35	0.21	1208	1208									
3 PM	4	2.6	125	116.4	1208	120.0	0.14	0.00	120.0	0.14	0.35	0.21	1208	1208									
4 PM	4	2.6	125	116.4	1208	120.0	0.14	0.00	120.0	0.14	0.35	0.21	1208	1208									
5 PM	5	3.3	125	115.6	1479	120.0	0.17	0.00	120.0	0.17	0.43	0.26	1479	1479									
6 PM	6	3.9	125	114.8	1749	120.0	0.21	0.00	120.0	0.21	0.51	0.31	1749	1749									
7 PM	7	4.6	125	113.9	2020	120.0	0.24	0.00	120.0	0.24	0.59	0.36	2020	2020									
8 PM	7	4.6	125	113.9	2020	120.0	0.24	0.00	120.0	0.24	0.59	0.36	2020	2020									
9 PM	6	3.9	125	114.8	1749	120.0	0.21	0.00	120.0	0.21	0.51	0.31	1749	1749									
10 PM	5	3.3	125	115.6	1479	120.0	0.17	0.00	120.0	0.17	0.43	0.26	1479	1479									
11 PM	4	2.6	125	116.4	1208	120.0	0.14	0.00	120.0	0.14	0.35	0.21	1208	1208									
Mid	2	1.3	125	118.0	666	120.0	0.08	0.00	120.0	0.08	0.20	0.12	666	666									
	100	65	0.879		31710		3.72	0.00		3.72	9.29	5.57	31710	31710									
		GALS	Kwh		BTU'S 100%		KWH	KWH		KWH	KWH	KWH	BTU'S	BTU'S									

SAVINGS IS OVER 50%

The kW savings associated with using a heat pump water heater are, the kW used by the strip heat only of 9.29 kW, minus the kW used by the Heat Pump and Strip Heat of 3.72 kW, for a 5.57 kW savings, which is above 50% savings.

Supermarket and Convenience Store Glass Display Case										Input Values Only			50% Anti-Sweat Heater Refrig Load 50%			Med Temp Hi-Eff Door \$ 2.20			\$ 2.00 / door		
Reduce Anti-Sweat Heater Usage, Refrigeration & Lighting Savings										Light Blue Cell			100% Lighting/ Motor Refrig Load 0%			Med Temp Controls Heaters \$ 0.95			\$ 1.00 / door		
Efficiencies from CEC study										50% Anti-Sweat Heater Controls Savings			Med Temp LED Lights \$ 4.12			\$ 4.00 / door					
Demand Cost 0 /kWh										75% LED Sensor Controls Savings			Med Temp ECM Motors \$ 4.48			\$ 4.00 / door					
Energy Cost \$ 0.1000 /kWh										*Assuming no bldg peak demands saving			Low Temp Hi-Eff Door \$ 11.54			\$ 12.00 / door					
Taxes/Fees 0%													Low Temp Controls Heaters \$ 4.67			\$ 5.00 / door					
Voltage 120													Low Temp LED Lights \$ 4.87			\$ 5.00 / door					
EER AC 11.00 EER MT 8.51 EER LT 5.19													Low Temp ECM Motors \$ 5.30								
COP AC 3.22 COP MT 2.49 COP LT 1.52																					
Incentive \$ 75.00 /kWh																					
Hrs Refrig 8760 Hrs Lighting 8760 Hrs Motor 8760																					
Conservation Measure Description	Std Heater Amps-Light W/Door	Eff Heater Amps-Light W/Door	Display Door kW Saving	Display Door kWh Saving	Display Door \$ Saving	Refrig Comp Data	Comp & AC kW Saving	Comp & AC kWh Saving	Comp & AC Annual Saving	Sum Saving	Wattage Reduced per Door	Total kW Saving	Total kWh Saving	Total Annual Saving	Retro or Dif New Cost per Door	Total Cost	FPL Rebate	Pay Back Year	FPL Rebate	Pay Back Year	
Low Temp Cases																					
Std vs Energy Eff Door	100	1.564	0.700	10.368	90824	\$9,082	5.018	43953	\$4,395		154	15.386	134,777	\$ 13,478	\$300	\$30,000	\$1,153.91	2.1	\$1,200	2.1	

For 100 STANDARD DOORS, 100 Doors X 1.564 Amps X 120 Volts X 8760 hours/year X 1kW/1000 Watts = 164,407 kWh

For 100 HIGH EFFICIENCY DOORS, 100 Doors X 0.700 Amps X 120 Volts X 8760 hours/year X 1kW/1000 Watts = 73,584 kWh

The Energy Savings associated with using efficiency doors (not including compressor A.C.savings savings) are 164,407 - 73,584 = 90,923 kWh

These savings are above 50%

**Savings Quoted: 30 kW/month; \$21,428/year.**

The following is representative of the customer's savings with a high-efficiency chiller:

Operating costs for a standard 15 EER chiller with 0.8 kW/Ton = \$85,710.

Operating costs for a 25% more efficient chiller, 20 EER with 0.6 kW/Ton = \$64,283

Operating costs annual savings = \$21,428

Operating costs are based on approximately 60% diversity factor, \$0.1/kWh cost for both demand and energy and 8,760 hours of operation per year.

For GSD customer with 10% taxes and 2/3 diversity factor, the kWh savings = \$18,782

Demand savings: \$21,428 total annual savings - \$18,782 kWh savings = \$2,646 demand savings.

This is a decrease of 30 kW per month associated with these savings.

# Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS



## HAS YOUR BUSINESS HAD A FREE "BEE" FROM FPL YET?

A Business Energy Evaluation (BEE) gives you an in-depth analysis of your company's energy consumption with custom recommendations for special incentive programs that may be able to help your bottom line, such as Florida Power & Light Company's Business Chiller Program. Here's an example of how one FPL customer made a smart investment by following FPL's recommendation for high-efficiency chillers:

**BUSINESS:** Office building with 24-hour cooling requirements.

**SIZE:** 60,000 square feet

**IMPROVEMENT:** Increased the energy efficiency of the company's 200-ton water-cooled chiller by 25 percent.

**INCENTIVE:** Received a \$1,940 FPL incentive toward the chiller replacement project cost.

**RESULT:** Decreased chiller peak demand by 30 kW/month, saving \$21,428 per year.\*

\*Individual savings may vary.

Call your FPL Customer Manager or the FPL Business Customer Care Center at 1-800-FPL-5566 to schedule your free FPL Business Energy Evaluation today.

Supplement to Florida Trend Magazine



FPL

POWERING TODAY. EMPOWERING TOMORROW.™

## HAS YOUR BUSINESS HAD A FREE "BEE" FROM FPL YET?



A Business Energy Evaluation (BEE) gives you an in-depth analysis of your company's energy consumption with custom recommendations for special incentive programs that may be able to help your bottom line, such as Florida Power & Light Company's Business Chiller Program. Here's an example of how one FPL customer made a smart investment by following FPL's recommendation for high-efficiency chillers:

**BUSINESS:** Office Building with 24-hour cooling requirements.

**SIZE:** 60,000 square feet

**IMPROVEMENT:** Increased the energy efficiency of the company's 200-ton water-cooled chiller by 25 percent.

**INCENTIVE:** Received a \$1,940 FPL incentive toward the chiller replacement project cost.

**RESULT:** Decreased chiller peak demand by 30 kW/month, saving \$21,428 per year.\*

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Call your FPL Customer Manager or the FPL Business Customer Care Center at 1-800-FPL-5566 to schedule your free FPL Business Energy Evaluation today.



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**Business Heating, Ventilation and A/C Program**

**Savings Quoted: 20% heating and cooling load reduction and 40% heating and cooling efficiency increase**

The 20% load reduction quoted with the installation of an Energy Recovery Ventilation (ERV) system is from the following source "Energy Consumption Characteristics of Commercial Building HVAC Systems Volume III: Energy Savings Potential" dated July 2002. TIAX Reference No 68370-00 for Building Technologies Program. Project Manager: Dr. James Brodrick (DOE). Contract No.: DE-AC01-96CE23798. See Pages 8C-8D.

An ERV can increase the cooling and heating efficiency by up to 40%.

Cooling case 40%:

The Recovery Efficiency Ratio for an ERV providing 1,000 cfm, where the Exhaust and Supply pressure drop is 1 in of H<sub>2</sub>O, with a fan and motor efficiency of 0.42 and 50 W Power for the Enthalpy Wheel is 69.58 Btu/ W h.

For a DX System with 10 EER where the ERV is handling 35% of the system at design conditions where the Recovery Efficiency Ratio is 69.58 Btu/W h, the Efficiency of the ERV and the unit combined is 14.28

The increase in efficiency due to the ERV is the differential between the efficiency of the ERV and unit combined and the efficiency of the DX system or  $14.28 - 10 = 4.28$ . This is an increase in efficiency of **42.80%**.

# TWO WAYS TO TAKE ACTION AGAINST HIGH ENERGY COSTS

## **1** Install a Thermal Energy Storage (TES) system to reduce your on-peak energy usage

A TES system produces and stores energy at night, when electricity is less expensive. That energy is then used during the day to cool your building, which means you use less on-peak electricity, which translates into lower energy bills.

For added savings with new construction, you can also install a cold air distribution system, which allows you to take advantage of the colder temperatures supplied by the TES system. This lets you reduce the size of air distribution ductwork and water distribution piping, which saves you money on construction costs.

**And that's not all. Through FPL's TES program, you'll also benefit from:**

- \$2,500 toward a feasibility study by a professional engineer of your choice (upon approval of your system)
- Incentives of \$464 per ton (chiller), \$522 per ton (DX) or \$580 per ton (refrigeration) of cooling load removed during the summer on-peak period (noon to 9 p.m., weekdays, April through October)
- An additional \$16-\$20 per ton for initial system commissioning

## **2** Install an Energy Recovery Ventilation (ERV) system to reduce your energy waste

An ERV unit reduces waste and lowers your energy costs by using your building's exhaust to precondition incoming fresh air. An ERV system can:

- Reduce a typical office building's air-conditioning load by up to 20%
- Increase heating and cooling efficiency by up to 40%
- Control indoor humidity levels to prevent mold and mildew

FPL's incentive program can help you save even more when you install a qualifying ERV unit on a new or existing HVAC system.

**So, get started now on controlling your energy costs. Call your FPL Customer Care Manager or the FPL Business Customer Care Center at 1-800-FPL-5566 to schedule your free Business Energy Evaluation today!**



**FPL.**

POWERING TODAY. EMPOWERING TOMORROW.™



**Energy Consumption Characteristics of  
Commercial Building HVAC Systems  
Volume III: Energy Savings Potential**

Prepared by

Kurt W. Roth  
Dettel Westphalen  
John Dieckmann  
Sephir D. Hamilton  
William Goetzler

TIAX LLO  
20 Acorn Park  
Cambridge, MA 02140-2390

TIAX Reference No. 68370-00

For

Building Technologies Program  
Project Manager: Dr. James Brodrick (DOE)  
Contract No.: DE-AC01-95CE23798

*July, 2002*

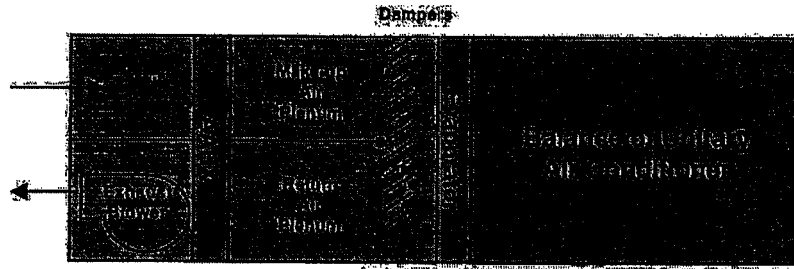


Figure 4-1: Unitary Air Conditioner with a Factory Integrated AHRX.

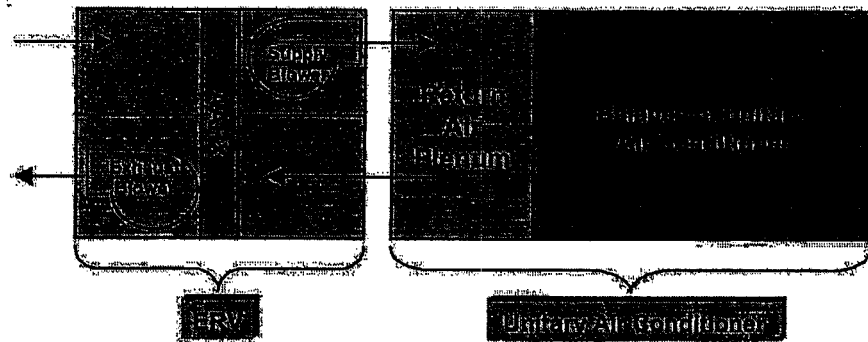


Figure 4-2: Add-on Accessory ERV with Supply and Exhaust Blowers Plus a Unitary Air Conditioner

#### 4.5.8 Performance

Enthalpy and heat wheels can reduce peak heating and cooling loads by up to 10% and increase energy recovery plant sizes; actual values depend greatly upon local climate and outdoor air requirements. A bin analysis for a New York City office building showed that a 10-ton packaged rooftop unit outfitted with an enthalpy wheel (deployed with an economizer with economizer air flow *not* passing through the wheel) realizes about a one-year payback period (accounting for cooling plant downsizing), and reduced annual heating and cooling energy consumption by 35%. Heat and enthalpy wheels can approach 80% heat (and mass) transfer efficiency.

An ongoing TIAA study showed that on a rooftop unit, in small New York City (NYC) office, with VAV system, an enthalpy wheel would increase system total cost by 33%, but also substantially increase the floorspace (ft<sup>2</sup>) that the unit could serve. The net result was a 6% increase in system cost. Annual energy savings equaled 35%, taking into account head losses, which translated into a 1-year simple payback period<sup>12</sup>. When combined with an economizer in the same small NYC office application, different implementations achieved annual energy savings ranging from 35 to 49%, at 6-15% manufacturing cost premium (reflecting increase in system capacity), with simple payback periods ranging from 1-2

<sup>12</sup> Applying small NYC electric rates for cooling saved, other wise national average for gas heating and electricity expenses.

**Savings Quoted: 4,287 kWh per year; \$327 energy savings.**

This customer has single pane windows with 336 sq. feet solar film of 0.29 shading coefficient for a cost of \$1,850.

The incentive payment per the table is \$1.00/sq.ft  
Demand factor is 2.97 watts per sq.ft  
Electricity cost is \$.06/kWh and \$10.00/kWd

$\text{kWd reduced} = (2.97 \text{ watts/sq.ft}) * (336 \text{ sq ft}) / 1,000 \text{ sq. ft} = 0.997 \text{ kWd}$   
 $\text{kWh saved} = (2.97 * 4,296 * 336) / 1,000 = \mathbf{4,287 \text{ kWh per year}}$   
 $\text{Savings} = 4,287 \text{ kWh} * \$0.06/\text{kWh} + .988 \text{ kWd} * 7 \text{ months summer demand} * \$10/\text{kW} =$   
 $\$257.22 + 69.79 = \mathbf{\$327.01 \text{ per year}}$

Weighted Average = \$363/kw

Incentive \$/sq ft	SHADING COEFFICIENT		Single Pane Clear	Single Pane Tinted Or Doble Pane Clear
	(Solar Films) Incentive (\$/sq ft)	SOLAR HEAT GAIN COEFFICIENT		
	SC < 0.29	0.25 or less	\$1.00	\$0.80
	0.29 < SC ≤ .39	0.25 to 0.34	\$0.95	\$0.70
	0.39 < SC ≤ .49	0.35 to 0.43	\$0.80	\$0.50
	0.49 < SC ≤ 0.59	0.43 to 0.51	\$0.70	n/a
	0.59 < SC ≤ 0.69	0.51 to 0.60	\$0.50	n/a

Area Incentive      Incentive = (Incentive \$/sq ft) \* ( Sq Ft)

Chart A

SHADING COEFFICIENT (Solar Films and Solar Screens)	SOLAR HEAT GAIN COEFFICIENT	Single Pane Clear Glass
		Summer Dmd. Impact (W/sqft)
SC ≤ 0.29	0.25 or less	
0.29 < SC ≤ 0.39	0.25 to 0.34	
0.39 < SC ≤ 0.49	0.35 to 0.43	
0.49 < SC ≤ 0.59	0.44 to 0.51	
0.59 < SC ≤ 0.69	0.52 to 0.60	

SHADING COEFFICIENT (Solar Films and Solar Screens)	SOLAR HEAT GAIN COEFFICIENT	Single Pane Tinted or
		Summer Dmd. Impact (W/sqft)
SC ≤ 0.29	0.25 or less	
0.29 < SC ≤ 0.39	0.25 to 0.34	
0.39 < SC ≤ 0.49	0.35 to 0.43	
0.49 < SC ≤ 0.59	0.44 to 0.51	n/a
0.59 < SC ≤ 0.69	0.52 to 0.60	n/a

KW Red      KW Red = ( Chart A KW) \*(Sq Ft)/1000

KWH Red / Yr      KWH Red /yr = ( Chart A KW)\* (4296 kwh/kwd) \* (Sq Ft) / 1000

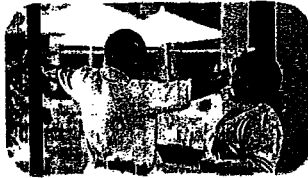
Area Savings /Yr      KWH Red/Yr \* ( \$/KWH) + 7(KW Red) \* ( \$/KW) = Areas Savings/yr

Payback years      (Install Cost - Incentive) / total savings per year = payback in years



Here's an example of how one FPL customer saved by installing window film on the west-facing front glass of its 336 square-foot office space.

Business: Advanced Therapy Concepts of Broward  
 Annual Energy Savings (kilowatt-hours): 4,287  
 Annual Energy Savings (dollars): \$327  
 FPL Incentive: \$336



Result: "We're a private practice outpatient physical therapy clinic, and we have windows in the front portion of our office where we treat patients. We installed window film the month we opened to reduce the heat and blinding light coming through the glass. The energy savings we're getting is also very helpful all the way down to our bottom line. FPL's incentive was a nice surprise, as well. It's something other businesses should definitely take advantage of."

— Wendy Urso, President

Advanced Therapy Concepts of Broward

FPL also can help your business become more energy efficient. To learn more, call 1-800-FPL-5566 or visit the business section of [www.FPL.com](http://www.FPL.com).

## Please Keep Your Electric Meter Room Clean

Electric meter rooms seem like the perfect storage space. But for safety and other reasons you should keep the room where your company's electric meter is housed free from storage items, hazardous materials and debris. If our meter readers cannot access your meter safely, they won't. When your meter is not safely accessible, we may have to send you an estimated bill. This

could impact your monthly budget when the true amount your business owes for electric service becomes due. Not sure when we're coming? You can find your next meter reading on your most recent FPL statement. Please keep the meter room clean, so we can serve your business better!

Call FPL's Business Care Center At 1-800-FPL-5566.

Get fast access to an FPL business specialist who is trained and knowledgeable in meeting the unique needs of business customers.

To report an outage or to get restoration information, available 24/7, call 1-800-4OUTAGE (1-800-468-8243), or go online at [www.FPL.com](http://www.FPL.com).



**FPL**  
 FLOWERS FROM THE FUTURE

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# ENERGY NOTES

News Focused On Your Business

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MAY 2007

## FPL's Plan To Meet An Extraordinary Responsibility Storm Secure Plan: A Key Element Of Our Reliability Efforts

Florida experiences some of the most extraordinary weather in all of America. This means we at FPL have a responsibility to ensure an extraordinary plan of action is in place.

While no electric system will be 100% hurricane proof, Storm Secure is our comprehensive, long-term plan that will improve the resiliency of our electrical system against the effects of hurricanes. This not only helps minimize hurricane-related power outages, but if outages do occur, the damage to our system will be less and your electric service can be restored faster. In 2006, we devoted more than 30,000 hours on our main line strengthening efforts, inspected more than 96,000 poles and cleared vegetation from more than 11,000 miles of power lines. Here are highlights of the 2007 program, which is well under way:

- We will upgrade main lines that serve 28 acute-care health facilities and an additional 34 main lines serving grocery stores, gas stations and pharmacies. This means you'll have better access to essentials after severe weather so that life can feel more normal more quickly.

- We will continue to clear vegetation from around all main lines and are inspecting and trimming neighborhood lines on a regular cycle as well. This will help minimize the likelihood of tree branches brushing against or knocking down power lines and causing outages and momentary interruptions.



- We'll thoroughly inspect approximately 130,000 poles – that's about 500 every workday. The objective is to proactively identify potential factors that may affect your service. We will reinforce and replace poles as appropriate.

- We'll use infrared inspection, called Thermovision, of some 4,400 miles of overhead power lines. This enables us to detect potentially faulty equipment and replace it before power outages occur.

Reliability is at the core of everything we do. Our goal is to provide your business a stronger and more reliable electric system than ever before, and we're working every day to achieve that goal. We want you to have the reliable power you need – in good weather and bad.



We offer a detailed storm preparation and safety brochure. Simply download it from our Storm Center at [www.FPL.com](http://www.FPL.com) and distribute to your employees and customers.

Docket No. 080002-EG  
 Exhibit No. \_\_\_\_\_  
 Florida Power & Light Co.  
 (MB-1)  
 Appendix A  
 Page 9C

Docket No. 080002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(DB-1)  
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**FLORIDA PUBLIC SERVICE COMMISSION**

DOCKET NO. ~~080002-EG~~ EXHIBIT 3  
COMPANY Florida Power & Light Co. (Direct)  
WITNESS C. Dennis Brandt (DB-1)  
DATE 11-04-08

Energy Conservation Cost Recovery  
 Summary of ECCR Calculation  
 for the Period:  
 January 2009 through December 2009

	<u>TOTAL COSTS</u>
1 Projected Costs (Schedule C-2, pg 3, line 25)	183,601,086
2 True-up Over/(Under) Recoveries (Schedule C-3, pg 6, line 11)	<u>(21,482,987)</u>
3 Subtotal (line 1 minus line 2)	205,084,073
4 Less Load Management Incentives Not Subject To Revenue Taxes (Schedule C-2, pg 3 of 5, Incentives Column, Program Nos. 3,9,12,13)	<u>86,059,122</u>
5 Project Costs Subject To Revenue Taxes (line 3 minus line 4)	119,024,951
6 Revenue Tax Multiplier	1 00072
7 Subtotal (line 5 * line 6)	<u>119,110,649</u>
8 Total Recoverable Costs (line 7+ line 4)	<u>205,169,771</u>

Costs are split in proportion to the current period split of demand-related (60 15%) and energy-related (39 85%) costs. The allocation of ECCR costs between demand and energy is shown on schedule C-2, page 2 of 5, and is consistent with the methodology set forth in Order No. PSC-93-1845-FOF-EG

9 Total Cost	205,169,771
10 Energy Related Costs	81,760,154
11 Demand-Related Costs (total)	123,409,617
12 Demand costs allocated on 12 CP (Line 11/13 * 12)	113,916,570
13 Demand Costs allocated on 1/13 th (Line 11/13)	9,493,047

**FLORIDA POWER & LIGHT COMPANY  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
JANUARY 2009 THROUGH DECEMBER 2009**

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/RST1	65.077%	55,403,306,419	9,718,587	1.08663620	1.06901375	59,226,896,463	10,560,547	52.33820%	56.97039%
GS1/GST1/WIES1	64.480%	6,219,248,803	1,101,055	1.08663620	1.06901375	6,648,462,497	1,196,447	5.87518%	6.45440%
GSD1/GSDT1/HLFT1 (21-499 kW)	76.435%	24,942,068,687	3,725,073	1.06655195	1.06894858	26,661,788,803	4,047,485	23.56075%	21.83474%
OS2	95.627%	18,498,130	2,208	1.05506701	1.04443473	19,320,090	2,330	0.01707%	0.01257%
GSLD1/GSLDT1/CS1/CST1/HLFT2 (500-1,999 kW)	81.083%	11,220,287,833	1,579,680	1.08535318	1.06805030	11,983,831,786	1,714,511	10.58999%	9.24918%
GSLD2/GSLDT2/CS2/CST2/HLFT3 (2,000+ kW)	89.478%	2,133,689,890	272,215	1.07696203	1.06151341	2,264,940,431	293,166	2.00150%	1.58152%
GSLD3/GSLDT3/CS3/CST3	93.476%	261,545,665	31,941	1.02836156	1.02355239	267,705,691	32,847	0.23657%	0.17720%
ISST1D	111.786%	0	0	1.05506701	1.04443473	0	0	0.00000%	0.00000%
ISST1T	111.422%	0	0	1.02836156	1.02355239	0	0	0.00000%	0.00000%
SST1T	111.422%	87,048,226	8,918	1.02836156	1.02355239	89,098,420	9,171	0.07874%	0.04948%
SST1D1/SST1D2/SST1D3	111.786%	5,382,413	550	1.05506701	1.04443473	5,621,580	580	0.00497%	0.00313%
CILC D/CILC G	92.489%	3,419,610,773	422,070	1.07580614	1.06089603	3,627,851,508	454,066	3.20589%	2.44952%
CILC T	93.565%	1,493,300,492	182,193	1.02836156	1.02355239	1,528,471,292	187,360	1.35069%	1.01074%
MET	72.366%	91,941,054	14,503	1.05506701	1.04443473	96,026,431	15,302	0.08486%	0.08255%
OL1/SL1/PL1	653.334%	584,472,455	10,212	1.08663620	1.06901375	624,809,092	11,097	0.55214%	0.05986%
SL2, GSCU1	113.244%	109,513,160	11,039	1.08663620	1.06901375	117,071,074	11,996	0.10345%	0.06471%
<b>TOTAL</b>		<b>105,989,914,000</b>	<b>17,080,226</b>			<b>113,161,895,157</b>	<b>18,536,903</b>	<b>100.00%</b>	<b>100.00%</b>

(1) AVG 12 CP load factor based on actual calendar data

(2) Projected kwh sales for the period January 2009 through December 2009

(3) Calculated: Col (2)/(8760 hours \* Col (1)), 8760 hours = annual hours

(4) Based on 2007 demand losses

(5) Based on 2007 energy losses

(6) Col (2) \* Col (5)

(7) Col (3) \* 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 2009 THROUGH DECEMBER 2009**

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/RST1	52.33820%	56.97039%	\$64,898,718	\$4,968,490	\$42,791,791	\$112,658,999	55,403,306,419	0.00203
GS1/GST1	5.87518%	6.45440%	\$7,352,635	\$557,733	\$4,803,554	\$12,713,922	6,219,248,803	0.00204
GSD1/GSDT1/HLTF(21-499 kW)	23.56075%	21.83474%	\$24,873,388	\$2,236,633	\$19,263,304	\$46,373,325	24,942,068,687	0.00186
OS2	0.01707%	0.01257%	\$14,318	\$1,621	\$13,959	\$29,898	18,498,130	0.00162
GSLD1/GSLDT1/CS1/CST1/HLTF(500-1,999 kW)	10.58999%	9.24918%	\$10,536,345	\$1,005,313	\$8,658,391	\$20,200,049	11,220,287,833	0.00180
GSLD2/GSLDT2/CS2/CST2/HLTF(2,000+ kW)	2.00150%	1.58152%	\$1,801,618	\$190,004	\$1,636,433	\$3,628,055	2,133,689,890	0.00170
GSLD3/GSLDT3/CS3/CST3	0.23657%	0.17720%	\$201,855	\$22,458	\$193,419	\$417,732	281,545,865	0.00160
ISST1D	0.00000%	0.00000%	\$0	\$0	\$0	\$0	0	0.00150
ISST1T	0.00000%	0.00000%	\$0	\$0	\$0	\$0	0	0.00147
SST1T	0.07874%	0.04948%	\$56,361	\$7,474	\$64,374	\$128,209	87,048,226	0.00147
SST1D1/SST1D2/SST1D3	0.00497%	0.00313%	\$3,564	\$472	\$4,062	\$8,098	5,382,413	0.00150
CILC D/CILC G	3.20589%	2.44952%	\$2,790,413	\$304,337	\$2,621,145	\$5,715,895	3,419,610,773	0.00167
CILC T	1.35069%	1.01074%	\$1,151,403	\$128,222	\$1,104,330	\$2,383,955	1,493,300,492	0.00160
MET	0.08486%	0.08255%	\$94,037	\$8,056	\$69,380	\$171,473	91,941,054	0.00187
OL1/SL1/PL1	0.55214%	0.05986%	\$68,196	\$52,415	\$451,428	\$572,039	584,472,455	0.00098
SL2, GSCU1	0.10345%	0.06471%	\$73,719	\$9,821	\$84,585	\$168,125	109,513,160	0.00154
<b>TOTAL</b>			<b>\$113,916,570</b>	<b>\$9,493,047</b>	<b>\$81,760,154</b>	<b>\$205,169,771</b>	<b>105,989,914,000</b>	<b>0.00194</b>

Note: There are currently no customers taking service on Schedules ISST1(D) or ISST1(T). Should any customer begin taking service on these schedules during the period, they will be billed using the applicable SST1 Factor.

- (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 (2)
- (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 2008 through December 2008, From C-1 Page 2, Total of Column 2
- (8) Col (6) / (7)

Notes: - Totals may not add due to rounding.

**FLORIDA POWER & LIGHT COMPANY**  
**CONSERVATION PROGRAM COSTS**  
For the Period: January through June 2009 Projection

Program Title	January	February	March	April	May	June	Sub-Total (6 Mo.)
1. Residential Conservation Service	\$ 525,511	\$ 899,471	\$ 613,044	\$ 780,363	\$ 647,245	\$ 1,643,047	\$ 5,108,681
2. Residential Building Envelope	1,027,978	1,140,730	1,561,253	1,333,911	961,584	1,099,732	7,125,188
3. Residential Load Management ("On Call")	3,559,314	3,550,964	3,647,537	5,469,546	5,585,468	5,430,169	27,242,998
4. Duct System Testing & Repair	227,561	268,335	265,456	315,060	278,950	269,426	1,624,788
5. Residential Air Conditioning	1,499,075	1,282,762	1,332,263	1,612,389	1,764,935	1,699,657	9,191,081
6. BuildSmart Program	90,947	171,218	110,227	98,558	96,330	103,482	670,762
7. Low-Income Weatherization	4,452	12,977	8,062	7,348	7,447	7,424	47,710
8. Res. Thermostat Load Control Pilot Proj.	16,857	16,857	16,857	12,256	8,256	8,256	79,339
9. Business On Call	39,712	46,283	50,661	453,616	444,393	490,804	1,525,469
10. Cogeneration & Small Power Production	38,514	59,138	38,514	38,514	38,514	38,514	251,708
11. Business Efficient Lighting	39,471	37,348	50,478	53,809	51,761	47,367	280,234
12. Commercial/Industrial Load Control	2,362,909	2,362,164	2,523,830	2,527,919	2,603,030	2,727,160	15,107,012
13. C/I Demand Reduction	556,143	567,632	579,511	746,571	761,121	800,670	4,011,648
14. Business Energy Evaluation	273,161	563,748	350,558	521,727	330,662	878,862	2,918,718
15. Business Heating, Ventilating & A/C	224,634	540,617	391,843	609,479	703,801	1,276,982	3,747,356
16. Business Custom Incentive	3,046	4,691	7,874	3,092	3,092	290,692	312,487
17. Business Building Envelope	327,212	306,487	407,791	469,567	427,220	369,257	2,307,534
18. Business Water Heating	2,276	9,814	14,928	6,269	32,025	11,854	77,166
19. Business Refrigeration	1,851	6,267	4,641	3,070	6,495	2,757	25,081
20. Conservation Research & Development	47,677	2,697	49,137	2,778	67,755	67,755	237,799
21. Green Power Pricing Program							
22. Common Expenses	1,279,719	1,492,058	2,434,906	1,422,894	1,347,025	1,556,706	9,533,308
23. Total All Programs	\$ 12,148,020	\$ 13,342,258	\$ 14,459,371	\$ 16,488,736	\$ 16,167,109	\$ 18,820,573	\$ 91,426,067
24. LESS: Included in Base Rates	(123,067)	(163,778)	(190,476)	(126,333)	(125,233)	(126,546)	(855,434)
25. Recoverable Conservation Expenses	\$ 12,024,953	\$ 13,178,480	\$ 14,268,895	\$ 16,362,403	\$ 16,041,876	\$ 18,694,027	\$ 90,570,633
Totals may not add due to rounding							

**FLORIDA POWER & LIGHT COMPANY**  
**CONSERVATION PROGRAM COSTS**  
For the Period: July through December 2009 Projection

Program Title	July	August	September	October	November	December	Sub-Total (6 Mo.)	Total (12 Mo.)	Demand Costs	Energy Costs
1. Residential Conservation Service	\$ 1,651,501	\$ 1,849,055	\$ 1,652,407	\$ 566,729	\$ 553,741	\$ 608,346	\$ 6,881,779	\$ 11,990,460		\$ 11,990,460
2. Residential Building Envelope	1,081,472	1,099,782	1,093,032	856,390	786,425	662,294	5,579,395	12,704,583		12,704,583
3. Residential Load Management ("On Call")	5,481,061	5,502,409	5,436,899	5,427,946	3,896,131	3,597,117	29,341,563	56,584,561	56,584,561	
4. Duct System Testing & Repair	251,861	277,244	212,290	204,519	229,445	184,080	1,359,439	2,984,227		2,984,227
5. Residential Air Conditioning	2,042,009	1,968,204	1,696,350	1,620,364	1,430,711	1,087,159	9,844,797	19,035,878		19,035,878
6. BuildSmart Program	116,571	121,301	108,144	86,060	90,835	81,767	604,678	1,275,440		1,275,440
7. Low-Income Weatherization	7,348	8,125	7,428	4,460	4,560	4,309	36,230	83,940		83,940
8. Res. Thermostat Load Control Pilot Proj.	8,257	13,557					21,814	101,153		101,153
9. Business On Call	501,981	503,955	496,323	508,520	99,957	71,834	2,182,570	3,708,039	3,708,039	
10. Cogeneration & Small Power Production	38,514	59,138	38,514	38,514	38,514	38,501	251,695	503,403		503,403
11. Business Efficient Lighting	35,807	48,431	40,279	34,497	21,908	8,193	189,115	469,349		469,349
12. Commercial/Industrial Load Control	2,685,630	2,736,031	2,816,983	2,653,960	2,660,254	2,554,568	16,107,426	31,214,438	31,214,438	
13. C/I Demand Reduction	823,121	854,222	878,622	903,872	729,425	753,660	4,942,922	8,954,570	8,954,570	
14. Business Energy Evaluation	865,244	928,240	302,880	309,745	310,378	307,984	3,024,471	5,943,189		5,943,189
15. Business Heating, Ventilating & A/C	381,539	635,873	499,717	287,772	789,608	499,172	3,093,681	6,841,037		6,841,037
16. Business Custom Incentive	3,091	4,519	125,091	13,892	3,092	10,281	159,966	472,453		472,453
17. Business Building Envelope	346,024	388,185	164,662	406,686	202,565	34,658	1,542,780	3,850,314		3,850,314
18. Business Water Heating	11,769	12,350	11,669	11,854	11,854	11,841	71,337	148,503		148,503
19. Business Refrigeration	2,607	3,170	3,070	3,068	3,067	3,065	18,047	43,128		43,128
20. Conservation Research & Development	67,755	4,157	47,758	47,758	47,757	182,697	397,882	635,681		635,681
21. Green Power Pricing Program										
22. Common Expenses	1,311,829	1,708,117	1,320,603	1,298,542	1,255,082	1,284,991	8,179,164	17,712,472	10,620,612	7,091,860
23. Total All Programs	\$ 17,714,991	\$ 18,726,065	\$ 16,952,721	\$ 15,285,148	\$ 13,165,309	\$ 11,986,517	\$ 93,830,751	\$ 185,256,819	\$ 111,082,220	\$ 74,174,599
24. LESS: Included in Base Rates	(125,007)	(180,862)	(126,251)	(123,902)	(121,965)	(122,311)	(800,298)	(1,655,733)	(646,642)	(\$1,009,091)
25. Recoverable Conservation Expenses	\$ 17,589,984	\$ 18,545,203	\$ 16,826,470	\$ 15,161,246	\$ 13,043,344	\$ 11,864,206	\$ 93,030,453	\$ 183,601,086	\$ 110,435,579	\$ 73,165,508
Totals may not add due to rounding										

**FLORIDA POWER & LIGHT COMPANY**  
**CONSERVATION PROGRAM COSTS**  
For the Period: January through December 2009 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	\$	\$ 4,629,334	\$ 164,747	\$ 1,541,914	\$ 4,602,919	\$	\$ 37,661	\$ 1,013,885	\$ 11,990,460	\$	\$ 11,990,460
2. Residential Building Envelope		425,188		294,782	10,000	11,916,511	1,499	56,603	12,704,583		12,704,583
3. Residential Load Management ("On Call")	7,738,470	2,523,852	(1,946,689)	3,047,936	426,000	44,049,616	32,907	712,469	56,584,561		56,584,561
4. Duct System Testing & Repair		921,032	24,427	65,900	25,000	2,055,400	6,143	(113,675)	2,984,227		2,984,227
5. Residential Air Conditioning		1,264,698	500	404,000	65,000	17,129,101	4,408	168,171	19,035,878		19,035,878
6. BuildSmart Program		745,944	18,721	254,697	115,000	15,594	5,226	120,258	1,275,440		1,275,440
7. Low-Income Weatherization		17,578				57,740		8,622	83,940		83,940
8. Res. Thermostat Load Control Pilot Proj.		12,533		88,620					101,153		101,153
9. Business On Call	493,945	205,036	(241,284)	410,541		2,799,190	1,086	39,525	3,708,039		3,708,039
10. Cogeneration & Small Power Production		536,268						(32,865)	503,403		503,403
11. Business Efficient Lighting		65,004	2,000	39,251	2,000	321,752	564	38,778	469,349		469,349
12. Commercial/Industrial Load Control		490,101	18,936	19,000		30,599,999	2,127	84,275	31,214,438		31,214,438
13. C/I Demand Reduction		204,896	1,150	20,955		8,610,317	1,166	116,086	8,954,570		8,954,570
14. Business Energy Evaluation		2,263,763	84,292	968,643	2,180,741		13,393	432,357	5,943,189		5,943,189
15. Business Heating, Ventilating & A/C		763,785		110,621	13,779	5,854,628	1,782	96,442	6,841,037		6,841,037
16. Business Custom Incentive		37,047		28,182		404,400	184	2,640	472,453		472,453
17. Business Building Envelope		365,681	2,000	90,864	33,900	3,286,830	2,105	68,934	3,850,314		3,850,314
18. Business Water Heating		15,143		15,131	2,000	114,997	444	788	148,503		148,503
19. Business Refrigeration		9,736		15,151	2,000	14,553	915	773	43,128		43,128
20. Conservation Research & Development		35,681	60,000	539,760				240	635,681		635,681
21. Green Power Pricing Program											
22. Common Expenses	1,222,088	12,641,647	42,481	1,513,169			44,751	2,248,336	17,712,472		17,712,472
23. Total All Programs	\$ 9,454,503	\$ 28,173,947	\$ (1,768,719)	\$ 9,469,117	\$ 7,478,339	\$ 127,230,628	\$ 156,361	\$ 5,062,642	\$ 185,256,819	\$	\$ 185,256,819
24. LESS: Included in Base Rates		(1,655,733)							(1,655,733)		(1,655,733)
25. Recoverable Conservation Expenses	\$ 9,454,503	\$ 26,518,214	\$ (1,768,719)	\$ 9,469,117	\$ 7,478,339	\$ 127,230,628	\$ 156,361	\$ 5,062,642	\$ 183,601,086	\$	\$ 183,601,086
Totals may not add due to rounding											

**FLORIDA POWER & LIGHT COMPANY**  
**SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN**  
**Residential Load Control & Business On Call (Program Nos. 3 & 9)**  
**For the Period January through December 2009**

Line No.	Description	Beginning of Period	Projection January	Projection February	Projection March	Projection April	Projection May	Projection June	Projection July	Projection August	Projection September	Projection October	Projection November	Projection December	Total	No.
1.	Investment (Net of Retirements)		\$ 500,931	\$ 500,931	\$ 521,343	\$ 521,343	\$ 531,146	\$ 521,343	\$ 521,343	\$ 523,343	\$ 523,343	\$ 523,343	\$ 533,146	\$ 523,345	\$ 6,244,900	1.
2.	Depreciation Base		29,796,430	30,297,361	30,818,704	31,340,047	31,871,193	32,392,536	32,913,879	33,437,222	33,960,565	34,483,908	35,017,054	35,540,399	n/a	2.
3.	Depreciation Expense (a)		496,607	504,956	513,645	522,334	531,187	539,876	548,565	557,287	566,009	574,732	583,818	592,340	6,531,155	3.
4.	Cumulative Investment (Line 2)	\$ 29,295,499	29,796,430	30,297,361	30,818,704	31,340,047	31,871,193	32,392,536	32,913,879	33,437,222	33,960,565	34,483,908	35,017,054	35,540,399	n/a	4.
5.	Less: Accumulated Depreciation (c)	13,904,041	14,400,648	14,905,604	15,419,249	15,941,584	16,472,770	17,012,646	17,561,210	18,118,497	18,684,507	19,259,239	19,842,856	20,435,196	n/a	5.
6.	Net Investment (Line 4 - 5)	\$ 15,391,458	\$ 15,395,781	\$ 15,391,756	\$ 15,399,454	\$ 15,398,463	\$ 15,398,423	\$ 15,379,890	\$ 15,352,668	\$ 15,318,724	\$ 15,278,058	\$ 15,224,669	\$ 15,174,198	\$ 15,105,203	n/a	6.
7.	Average Net Investment		15,393,820	15,383,769	15,395,605	15,398,959	15,398,443	15,389,156	15,366,279	15,335,696	15,297,391	15,250,364	15,199,433	15,139,700	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		72,858	72,859	72,867	72,683	72,681	72,637	72,529	72,384	72,204	71,982	71,741	71,459		8a.
b.	Equity Comp. grossed up for taxes (Line 8a/61425)		118,287	118,288	118,302	118,328	118,324	118,253	118,077	117,842	117,548	117,186	116,795	116,336	1,413,567	8b.
c.	Debt Component (Line 7 * 1.8767% /12)		24,074	24,074	24,077	24,082	24,082	24,067	24,031	23,983	23,924	23,850	23,770	23,677	287,693	8c.
9.	Total Return Requirements (Line 8b + 8c)		142,361	142,363	142,380	142,411	142,406	142,320	142,108	141,826	141,471	141,036	140,565	140,013	1,701,260	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$ 638,968	\$ 647,319	\$ 656,025	\$ 664,745	\$ 673,592	\$ 682,196	\$ 690,673	\$ 699,113	\$ 707,481	\$ 715,768	\$ 724,183	\$ 732,353	8,232,415	10.

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

(b) The Equity Component is 5.6640% based on a ROE of 11.75%.

**ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS**

Residential On Call, Program No. 3 (94%)	Depreciation	466,811	474,659	482,826	490,994	499,315	507,483	515,651	523,850	532,049	540,248	548,601	556,800	6,139,286
	Return	133,820	133,821	133,837	133,866	133,861	133,781	133,582	133,316	132,983	132,574	132,131	131,612	1,599,184
	<b>Total</b>	<b>\$ 600,630</b>	<b>\$ 608,480</b>	<b>\$ 616,663</b>	<b>\$ 624,860</b>	<b>\$ 633,177</b>	<b>\$ 641,264</b>	<b>\$ 649,233</b>	<b>\$ 657,166</b>	<b>\$ 665,032</b>	<b>\$ 672,822</b>	<b>\$ 680,732</b>	<b>\$ 688,412</b>	<b>\$ 7,738,470</b>
Business On Call Program No. 9 (6%)	Depreciation	29,796	30,297	30,819	31,340	31,871	32,393	32,914	33,437	33,961	34,484	35,017	35,540	391,869
	Return	8,542	8,542	8,543	8,545	8,544	8,539	8,527	8,510	8,488	8,462	8,434	8,401	102,076
	<b>Total</b>	<b>\$ 38,338</b>	<b>\$ 38,839</b>	<b>\$ 39,361</b>	<b>\$ 39,885</b>	<b>\$ 40,416</b>	<b>\$ 40,932</b>	<b>\$ 41,440</b>	<b>\$ 41,947</b>	<b>\$ 42,449</b>	<b>\$ 42,946</b>	<b>\$ 43,451</b>	<b>\$ 43,941</b>	<b>\$ 493,945</b>
Total	Depreciation	496,607	504,956	513,645	522,334	531,187	539,876	548,565	557,287	566,009	574,732	583,818	592,340	6,531,155
	Return	142,361	142,363	142,380	142,411	142,406	142,320	142,108	141,826	141,471	141,036	140,565	140,013	1,701,260
	<b>Total</b>	<b>\$ 638,968</b>	<b>\$ 647,319</b>	<b>\$ 656,025</b>	<b>\$ 664,745</b>	<b>\$ 673,592</b>	<b>\$ 682,196</b>	<b>\$ 690,673</b>	<b>\$ 699,113</b>	<b>\$ 707,481</b>	<b>\$ 715,768</b>	<b>\$ 724,183</b>	<b>\$ 732,353</b>	<b>\$ 8,232,415</b>

Totals may not add due to rounding

**FLORIDA POWER & LIGHT COMPANY**  
**SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN**  
**COMMON EXPENSES - PROGRAM NO. 22**  
**For the Period January through December 2009**

Line No.	Description	Beginning of Period	Projection January	Projection February	Projection March	Projection April	Projection May	Projection June	Projection July	Projection August	Projection September	Projection October	Projection November	Projection December	Projection Total	Line No.
1.	Investment (Net of Retirements)		\$ 129,472	\$ 171,212	\$ 171,412	\$ 171,412	\$ 191,018	\$ 171,412	\$ 105,412	\$ 39,412	\$ 39,412	\$ 39,412	\$ 59,018	\$ 39,396	\$ 1,328,000	1.
2.	Depreciation Base		4,231,197	4,402,409	4,573,821	4,745,233	4,936,251	5,107,663	5,213,075	5,252,487	5,291,899	5,331,311	5,390,329	5,429,725	n/a	2.
3.	Depreciation Expense (a)		67,444	63,297	66,153	69,010	72,194	75,051	76,808	77,465	78,121	78,778	79,762	80,418	884,501	3.
4.	Cumulative Investment (Line 2)	\$ 4,101,725	4,231,197	4,402,409	4,573,821	4,745,233	4,936,251	5,107,663	5,213,075	5,252,487	5,291,899	5,331,311	5,390,329	5,429,725	n/a	4.
5.	Less: Accumulated Depreciation (c)	1,471,005	1,538,449	1,601,745	1,667,899	1,736,909	1,809,103	1,884,154	1,960,961	2,038,426	2,116,547	2,195,325	2,275,087	2,355,506	n/a	5.
6.	Net Investment (Line 4 - 5)	\$ 2,630,720	\$ 2,692,748	\$ 2,800,664	\$ 2,905,922	\$ 3,008,324	\$ 3,127,148	\$ 3,223,509	\$ 3,252,114	\$ 3,214,081	\$ 3,175,352	\$ 3,135,985	\$ 3,115,242	\$ 3,074,219	n/a	6.
7.	Average Net Investment		2,661,734	2,746,706	2,853,293	2,957,123	3,067,736	3,175,329	3,237,811	3,233,087	3,194,706	3,155,669	3,125,614	3,094,730	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		12,563	12,964	13,468	13,958	14,480	14,988	15,282	15,260	15,079	14,895	14,753	14,607		8a.
b.	Equity Comp. grossed up for taxes (Line 8a/61425)		20,453	21,106	21,925	22,723	23,573	24,400	24,880	24,844	24,549	24,249	24,018	23,780	280,499	8b.
c.	Debt Component (Line 7 * 1.8767% / 12)		4,163	4,296	4,462	4,625	4,798	4,966	5,064	5,056	4,996	4,935	4,886	4,840	57,088	8c.
9.	Total Return Requirements (Line 8b + 8c)		24,616	25,402	26,387	27,348	28,371	29,366	29,943	29,900	29,545	29,184	28,906	28,620	337,587	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$ 92,059	\$ 88,698	\$ 92,541	\$ 96,358	\$ 100,565	\$ 104,416	\$ 106,751	\$ 107,364	\$ 107,686	\$ 107,962	\$ 108,668	\$ 109,039	\$ 1,222,088	10.

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

(b) The Equity Component is 5.6640% based on a ROE of 11.75%.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION PROGRAM COSTS  
 January through June 2008: ACTUAL  
 July through December 2008: 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											
Actual	\$	\$ 2,307,343	\$ 15,273	\$ 781,496	\$ 76,137	\$	\$ 19,325	\$ 431,214	\$ 3,630,788	\$	\$ 3,630,788
Estimated		2,247,232	76,601	724,430	2,787,400		19,163	361,215	6,216,041		6,216,041
Total		4,554,575	91,874	1,505,926	2,863,537		38,488	792,429	9,846,829		9,846,829
2. Residential Building Envelope											
Actual		181,857		63,964		12,803,922	1,338	18,863	13,069,944		13,069,944
Estimated		173,380	43	184,528		6,830,661	1,528	30,786	7,220,924		7,220,924
Total		355,237	43	248,490		19,634,583	2,866	49,649	20,290,868		20,290,868
3. Residential Load Management ("On Call")											
Actual	3,014,298	1,110,098	(1,304,482)	1,773,417	125,724	21,871,912	6,931	438,313	27,036,211		27,036,211
Estimated	3,449,882	965,693	(1,894,088)	1,329,132	72,600	24,992,571	21,690	256,905	29,194,385		29,194,385
Total	6,464,180	2,075,791	(3,198,570)	3,102,549	198,324	46,864,483	28,621	695,218	56,230,596		56,230,596
4. Duct System Testing & Repair											
Actual		416,216	5,694	40,096	10,061	1,335,841	3,376	(60,694)	1,750,590		1,750,590
Estimated		423,585	25,304	48,737	13,542	731,677	3,898	(94,073)	1,152,670		1,152,670
Total		839,801	30,998	88,833	23,603	2,067,518	7,274	(154,767)	2,903,260		2,903,260
5. Residential Air Conditioning											
Actual		474,334	8	191,141	11,002	8,124,785	3,045	81,270	8,885,585		8,885,585
Estimated		481,598	10,651	198,711	22,368	12,226,031	3,000	52,285	12,994,644		12,994,644
Total		955,932	10,659	389,852	33,370	20,350,816	6,045	133,555	21,880,229		21,880,229
6. BuildSmart Program											
Actual		368,958	6,275	30,843	11,199	16,925	2,552	53,343	490,065		490,065
Estimated		384,985	11,492	386,061	51,250	19,500	3,014	63,020	899,322		899,322
Total		733,943	17,767	416,904	62,419	36,425	5,566	116,363	1,389,387		1,389,387
7. Low-Income Weatherization											
Actual		2,753				21,170	4	5,618	29,545		29,545
Estimated		11,519				23,570	6	9,790	44,885		44,885
Total		14,272				44,740	10	15,408	74,430		74,430
8. Res. Thermostat Load Control Pilot Proj.											
Actual		10,204		146,248			48	1,385	157,885		157,885
Estimated		31,793	37,829	96,008					165,630		165,630
Total		41,997	37,829	242,256			48	1,385	323,515		323,515
9. Business On Call											
Actual	192,402	92,063	284	125,583		1,057,594	620	15,135	1,483,681		1,483,681
Estimated	220,205	105,028	(223,764)	524,928	816	1,564,104	333	17,151	2,208,799		2,208,799
Total	412,607	197,091	(223,480)	650,509	816	2,621,698	953	32,286	3,692,480		3,692,480
10. Cogeneration & Small Power Production											
Actual		239,697		2,197			71	(17,418)	224,547		224,547
Estimated		253,152						(19,577)	233,575		233,575
Total		492,849		2,197			71	(36,995)	458,122		458,122

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION PROGRAM COSTS  
 January through June 2008: ACTUAL  
 July through December 2008: ESTIMATED

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
11. Business Efficient Lighting	Actual	\$ 21,772	\$ 10	\$ 4,103	\$ 275	\$ 127,400	\$ 117	\$ 7,480	\$ 161,157		\$ 161,157
	Estimated	41,872		27,537		141,970	65	6,786	219,244		219,244
	Total	63,644	1,024	31,640	275	269,370	182	14,268	380,401		380,401
12. Commercial/Industrial Load Control	Actual	184,324	90			12,879,030	660	15,896	13,080,000		13,080,000
	Estimated	227,948	300	2,253		17,720,969	498	68,882	18,020,850		18,020,850
	Total	412,272	390	2,253		30,599,999	1,158	84,778	31,100,850		31,100,850
13. C/I Demand Reduction	Actual	59,238	55			2,573,699	256	9,625	2,642,873		2,642,873
	Estimated	65,464	300	10,056		3,355,625	30	78,156	3,509,631		3,509,631
	Total	124,702	355	10,056		5,929,324	286	87,781	6,152,504		6,152,504
14. Business Energy Evaluation	Actual	1,054,398	2,036	359,499	99,588		5,585	186,204	1,707,308		1,707,308
	Estimated	1,020,739	12,000	410,046	63,200		3,826	136,714	1,666,525		1,666,525
	Total	2,075,135	14,036	769,545	162,788		9,411	322,918	3,373,833		3,373,833
15. Business Heating, Ventilating & A/C	Actual	320,000		30,859	1,980	750,420	6,199	33,391	1,142,849		1,142,849
	Estimated	211,888	510	66,350		1,708,745	1,365	84,393	2,073,251		2,073,251
	Total	531,888	510	97,209	1,980	2,459,165	7,564	117,784	3,216,100		3,216,100
16. Business Custom Incentive	Actual	16,362	13			44,945	75	595	61,990		61,990
	Estimated	20,369		24,000		262,000		1,157	307,526		307,526
	Total	36,731	13	24,000		306,945	75	1,752	369,516		369,516
17. Business Building Envelope	Actual	142,332	41	41,578	12,973	2,070,116	960	17,042	2,285,042		2,285,042
	Estimated	143,602	528	68,860		1,339,932	909	18,672	1,572,503		1,572,503
	Total	285,934	569	110,438	12,973	3,410,048	1,869	35,714	3,857,545		3,857,545
18. Business Water Heating	Actual	7,387				16,900	52	1,569	25,908		25,908
	Estimated	852		867	408	22,260		300	24,717		24,717
	Total	8,239		867	408	39,160	52	1,869	50,625		50,625
19. Business Refrigeration	Actual	15,741				5,464	69	850	22,244		22,244
	Estimated	26,487		1,649	408	2,388		696	31,628		31,628
	Total	42,228		1,649	408	7,852	89	1,646	53,872		53,872



FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION PROGRAM COSTS  
 January through June 2008: ACTUAL  
 July through December 2008: ESTIMATED

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
20. Conservation Research & Development											
Actual	\$	\$ 16,635	\$	\$ 82,144	\$	\$	\$	\$ 43	\$ 98,822	\$	\$ 98,822
Estimated		22,114	37,500	459,105			1,200	8,400	528,319		528,319
Total		36,749	37,500	541,249			1,200	8,443	627,141		627,141
21. Green Power Pricing Program											
Actual		105,650	2,616	2,273,176	6,521		289	10,173	2,398,425	(2,246,774)	151,651
Estimated		85,720		523,915			109	(440,515)	169,229	(334,980)	(165,751)
Total		191,370	2,616	2,797,091	6,521		398	(430,342)	2,567,654	(2,581,755)	(14,100)
22. Common Expenses											
Actual	351,759	5,159,315	124,685	462,532	150		14,645	896,655	7,009,741		7,009,741
Estimated	542,265	5,443,128	18,630	733,380	8,635		14,187	943,655	7,703,860		7,703,860
Total	894,024	10,602,443	143,315	1,195,892	8,785		28,832	1,840,310	14,713,601		14,713,601
23. TOTAL: ACTUAL	3,558,459	12,306,675	(1,147,402)	6,408,876	355,580	63,700,123	66,237	2,146,652	87,395,199	(2,246,774)	\$ 85,148,426
TOTAL: ESTIMATED	4,212,352	12,368,178	(1,885,150)	5,820,529	3,040,627	70,942,003	74,821	1,584,798	96,158,158	(334,980)	\$ 95,823,178
TOTAL: FOR THE PERIOD	\$ 7,770,811	\$ 24,674,853	\$ (3,032,552)	\$ 12,229,405	\$ 3,396,207	\$ 134,642,126	\$ 141,058	\$ 3,731,450	\$ 183,553,357	\$ (2,581,755)	\$ 180,971,604
24. LESS: Included in Base Rates											
Actual		(722,037)							(722,037)		(722,037)
Estimated		(736,080)							(736,080)		(736,080)
Total		(1,458,117)							(1,458,117)		(1,458,117)
25. Recoverable Conservation Expenses	\$ 7,770,811	\$ 23,216,736	\$ (3,032,552)	\$ 12,229,405	\$ 3,396,207	\$ 134,642,126	\$ 141,058	\$ 3,731,450	\$ 182,095,240	\$ (2,581,755)	\$ 179,513,487
Totals may not add due to rounding											

FLORIDA POWER & LIGHT COMPANY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
Residential Load Control & Business On Call (Program Nos. 3 & 9)  
For the Period January through December 2008

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No.
1.	Investment (Net of Retirements)		\$ (417,117)	\$ 1,104,872	\$ 545,427	\$ (206,040)	\$ 402,813	\$ 1,119,600	\$ 450,001	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 480,180	\$ 5,289,737	1.
2.	Depreciation Base		23,588,645	24,693,516	25,238,944	25,032,904	25,435,717	26,555,318	27,005,319	27,455,319	27,905,319	28,355,319	28,805,319	29,295,499	n/a	2.
3.	Depreciation Expense (a)		389,266	388,116	413,348	403,984	411,645	425,435	450,089	457,589	465,089	472,589	480,089	488,258	5,245,496	3.
4.	Cumulative Investment (Line 2)	\$ 24,005,762	23,588,645	24,693,516	25,238,944	25,032,904	25,435,717	26,555,318	27,005,319	27,455,319	27,905,319	28,355,319	28,805,319	29,295,499	n/a	4.
5.	Less: Accumulated Depreciation (c)	11,098,683	10,984,649	11,251,925	10,934,831	10,400,944	10,812,589	11,090,340	11,540,428	11,998,017	12,463,106	12,935,694	13,415,783	13,904,041	n/a	5.
6.	Net Investment (Line 4 - 5)	\$ 12,907,079	\$ 12,603,996	\$ 13,441,592	\$ 14,304,113	\$ 14,631,961	\$ 14,623,128	\$ 15,464,978	\$ 15,464,891	\$ 15,457,302	\$ 15,442,213	\$ 15,419,625	\$ 15,389,536	\$ 15,391,458	n/a	6.
7.	Average Net Investment		12,755,537	13,022,794	13,872,852	14,468,037	14,627,544	15,044,053	15,464,934	15,461,096	15,449,758	15,430,919	15,404,580	15,390,497	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		60,206	61,468	65,480	68,289	69,042	71,008	72,994	72,976	72,923	72,834	72,710	72,643		8a.
b.	Equity Comp. grossed up for taxes (Line 8a/61425)		98,016	100,069	106,601	111,175	112,401	115,601	118,835	118,806	118,719	118,574	118,371	118,263	1,355,430	8b.
c.	Debt Component (Line 7 * 1.8767% /12)		19,948	20,366	21,696	22,627	22,876	23,527	24,186	24,180	24,182	24,132	24,091	24,069	275,860	8c.
9.	Total Return Requirements (Line 8b + 8c)		117,964	120,436	128,297	133,801	135,277	139,128	143,021	142,985	142,880	142,706	142,463	142,332	1,631,291	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$ 507,230	\$ 508,551	\$ 541,645	\$ 537,785	\$ 546,922	\$ 564,564	\$ 593,109	\$ 600,574	\$ 607,969	\$ 615,295	\$ 622,551	\$ 630,591	6,876,787	10.

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

(b) The Equity Component is 5.6640% based on a ROE of 11.75%.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS															
Residential On Call Program, No. 3 (94%)	Depreciation	365,910	364,829	388,547	379,745	386,947	399,909	423,083	430,133	437,183	444,233	451,283	458,983	4,930,767	
	Return	110,886	113,210	120,599	125,773	127,160	130,781	134,440	134,406	134,308	134,144	133,915	133,792	1,533,413	
	<b>Total</b>	<b>\$ 476,797</b>	<b>\$ 478,038</b>	<b>\$ 509,147</b>	<b>\$ 505,518</b>	<b>\$ 514,107</b>	<b>\$ 530,690</b>	<b>\$ 557,523</b>	<b>\$ 564,539</b>	<b>\$ 571,491</b>	<b>\$ 578,377</b>	<b>\$ 585,198</b>	<b>\$ 592,755</b>	<b>\$ 6,464,180</b>	
Business On Call Program, No. 9 (6%)	Depreciation	23,356	23,287	24,801	24,239	24,699	25,526	27,005	27,455	27,905	28,355	28,805	29,295	314,730	
	Return	7,078	7,226	7,698	8,028	8,117	8,348	8,581	8,579	8,573	8,562	8,548	8,540	97,877	
	<b>Total</b>	<b>\$ 30,434</b>	<b>\$ 30,513</b>	<b>\$ 32,499</b>	<b>\$ 32,267</b>	<b>\$ 32,815</b>	<b>\$ 33,874</b>	<b>\$ 35,587</b>	<b>\$ 36,034</b>	<b>\$ 36,478</b>	<b>\$ 36,918</b>	<b>\$ 37,353</b>	<b>\$ 37,835</b>	<b>\$ 412,607</b>	
Total	Depreciation	389,266	388,116	413,348	403,984	411,645	425,435	450,089	457,589	465,089	472,589	480,089	488,258	5,245,496	
	Return	117,964	120,436	128,297	133,801	135,277	139,128	143,021	142,985	142,880	142,706	142,463	142,332	1,631,291	
	<b>Total</b>	<b>507,230</b>	<b>508,551</b>	<b>541,645</b>	<b>537,785</b>	<b>546,922</b>	<b>564,564</b>	<b>593,109</b>	<b>600,574</b>	<b>607,969</b>	<b>615,295</b>	<b>622,551</b>	<b>630,591</b>	<b>6,876,787</b>	

Total may not foot due to rounding

**FLORIDA POWER & LIGHT COMPANY**  
**SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN**  
**COMMON EXPENSES - PROGRAM NO. 22**  
**For the Period January through December 2008**

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No.
1.	Investment (Net of Retirements)		\$ (590,431)	\$ -	\$ 2,436,497	\$ 6,145	\$ 61,380	\$ 438	\$ 27,900	\$ 14,372	\$ 92,022	\$ 183,149	\$ 71,975	\$ 151,131	\$ 2,454,578	1.
2.	Depreciation Base		1,056,716	1,056,716	3,493,213	3,499,357	3,560,737	3,561,176	3,589,076	3,603,448	3,695,470	3,878,619	3,950,594	4,101,725	n/a	2.
3.	Depreciation Expense (a)		17,612	17,612	39,878	62,196	62,773	63,311	63,742	63,982	65,515	68,568	69,767	72,286	667,242	3.
4.	Cumulative Investment (Line 2)	\$ 1,647,147	1,056,716	1,056,716	3,493,213	3,499,357	3,560,737	3,561,176	3,589,076	3,603,448	3,695,470	3,878,619	3,950,594	4,101,725	n/a	4.
5.	Less: Accumulated Depreciation (c)	1,394,194	821,375	838,987	878,865	941,061	1,003,834	1,067,145	1,130,887	1,194,868	1,260,384	1,328,951	1,398,719	1,471,005	n/a	5.
6.	Net Investment (Line 4 - 5)	\$ 252,953	\$ 235,341	\$ 217,729	\$ 2,614,348	\$ 2,558,297	\$ 2,556,904	\$ 2,494,031	\$ 2,458,189	\$ 2,408,580	\$ 2,435,086	\$ 2,549,667	\$ 2,551,875	\$ 2,630,720	n/a	6.
7.	Average Net Investment		244,147	226,535	1,416,038	2,586,322	2,557,600	2,525,467	2,476,110	2,433,384	2,421,833	2,492,377	2,550,771	2,591,297	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		1,152	1,069	6,684	12,207	12,072	11,920	11,687	11,486	11,431	11,764	12,040	12,231		8a.
b.	Equity Comp. grossed up for taxes (Line 8a/61425)		1,876	1,741	10,881	19,874	19,653	19,406	19,027	18,699	18,610	19,152	19,601	19,912	188,430	8b.
c.	Debt Component (Line 7 * 1.8767% /12)		382	354	2,215	4,045	4,000	3,950	3,872	3,806	3,788	3,898	3,989	4,053	38,350	8c.
9.	Total Return Requirements (Line 8b + 8c)		2,258	2,095	13,096	23,918	23,653	23,356	22,899	22,504	22,397	23,050	23,590	23,964	226,780	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$ 19,870	\$ 19,707	\$ 52,974	\$ 86,114	\$ 86,426	\$ 86,666	\$ 86,641	\$ 86,486	\$ 87,913	\$ 91,618	\$ 93,357	\$ 96,251	894,024	10.

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

(b) The Equity Component is 5.6640% based on a ROE of 11.75%.

**FLORIDA POWER & LIGHT COMPANY  
CONSERVATION PROGRAM COSTS  
For the Period: January through June 2008 Actual**

Program Title	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Sub-Total (6 Mo.)
1. Residential Conservation Service	\$ 507,369	\$ 591,058	\$ 620,443	\$ 600,629	\$ 603,841	\$ 707,446	\$ 3,630,788
2. Residential Building Envelope	1,923,545	2,738,738	1,598,429	2,214,078	2,418,645	2,176,509	13,069,944
3. Residential Load Management ("On Call")	3,273,552	3,519,779	3,400,542	5,158,276	5,827,287	5,856,776	27,036,211
4. Duct System Testing & Repair	146,496	253,119	304,982	454,799	346,870	244,525	1,750,590
5. Residential Air Conditioning	823,853	1,280,895	1,365,207	1,572,345	1,823,661	2,019,624	8,885,585
6. BuildSmart Program	67,412	69,301	100,390	79,950	95,882	77,129	490,065
7. Low-Income Weatherization	1,899	3,161	3,851	4,995	4,514	11,126	29,545
8. Res. Thermostat Load Control Pilot Proj.	543	55,358	11,826	50,060	33,688	6,410	157,885
9. Business On Call	45,230	65,240	85,025	386,627	457,778	443,781	1,483,681
10. Cogeneration & Small Power Production	32,336	33,057	41,886	36,329	40,128	40,811	224,547
11. Business Efficient Lighting	12,769	32,294	63,847	29,998	14,334	7,915	161,157
12. Commercial/Industrial Load Control	2,056,594	2,011,333	2,049,607	2,063,122	2,186,667	2,712,676	13,080,000
13. C/I Demand Reduction	366,758	356,654	399,208	438,698	506,745	574,813	2,842,873
14. Business Energy Evaluation	268,740	250,139	304,124	290,929	283,942	309,435	1,707,308
15. Business Heating, Ventilating & A/C	72,154	123,805	342,787	154,659	110,662	328,992	1,142,849
16. Business Custom Incentive	37,489	11,416	3,619	3,352	3,055	3,059	61,990
17. Business Building Envelope	316,487	382,873	527,933	275,825	322,980	458,943	2,285,042
18. Business Water Heating	1,971	6,407	7,993	3,071	2,107	4,358	25,908
19. Business Refrigeration	1,439	4,176	5,336	4,378	4,137	2,776	22,244
20. Conservation Research & Development	2,714	53,076	19,429	2,872	17,862	2,870	98,822
21. Green Power Pricing Program	302,856	357,453	309,361	350,297	334,125	744,334	2,398,425
22. Common Expenses	913,772	923,645	1,881,643	1,122,568	1,063,342	1,104,772	7,009,741
<b>23. Total All Programs</b>	<b>\$ 11,175,878</b>	<b>\$ 13,122,779</b>	<b>\$ 13,447,449</b>	<b>\$ 15,307,865</b>	<b>\$ 16,502,051</b>	<b>\$ 17,839,078</b>	<b>\$ 87,395,199</b>
<b>24. LESS: Included in Base Rates</b>	<b>(106,209)</b>	<b>(96,883)</b>	<b>(102,885)</b>	<b>(209,948)</b>	<b>(104,495)</b>	<b>(101,617)</b>	<b>(722,037)</b>
<b>25. Recoverable Conservation Expenses</b>	<b>\$ 11,069,769</b>	<b>\$ 13,025,896</b>	<b>\$ 13,344,564</b>	<b>\$ 15,097,917</b>	<b>\$ 16,397,556</b>	<b>\$ 17,737,460</b>	<b>\$ 86,673,163</b>
Totals may not add to due rounding							

**FLORIDA POWER & LIGHT COMPANY**  
**CONSERVATION PROGRAM COSTS**  
For the Period: July through December 2008 Estimated

Program Title	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Sub-Total (6 Mo.)	TOTAL (12 Mo.)
1. Residential Conservation Service	\$ 600,553	\$ 825,812	\$ 983,396	\$ 1,747,250	\$ 1,551,725	\$ 507,305	\$ 6,216,041	\$ 9,846,829
2. Residential Building Envelope	1,449,988	2,323,195	1,163,209	963,450	761,148	559,934	7,220,924	20,290,868
3. Residential Load Management ("On Call")	5,439,093	5,580,077	5,688,304	5,643,298	3,552,741	3,290,872	29,194,385	56,230,596
4. Duct System Testing & Repair	210,628	229,441	242,518	167,601	161,853	140,629	1,152,670	2,903,260
5. Residential Air Conditioning	2,451,674	2,324,956	2,364,417	2,222,396	1,898,304	1,732,897	12,994,644	21,880,229
6. BuildSmart Program	146,593	115,885	161,025	166,292	130,242	179,285	899,322	1,389,387
7. Low-Income Weatherization	12,244	6,489	7,960	6,489	5,737	5,966	44,885	74,430
8. Res. Thermostat Load Control Pilot Proj.	19,605	52,505	25,051	30,434	19,337	18,598	165,630	323,515
9. Business On Call	516,998	518,228	526,054	531,094	61,337	55,088	2,208,799	3,692,480
10. Cogeneration & Small Power Production	36,455	36,455	50,788	36,455	36,455	36,967	233,575	458,122
11. Business Efficient Lighting	40,808	30,981	39,027	35,875	31,280	41,273	219,244	380,401
12. Commercial/Industrial Load Control	4,753,867	2,718,942	2,822,866	2,655,705	2,515,998	2,553,472	18,020,850	31,100,850
13. C/I Demand Reduction	648,323	569,579	594,547	622,262	518,141	556,779	3,509,631	6,152,504
14. Business Energy Evaluation	229,877	320,091	337,344	280,966	243,549	254,599	1,666,525	3,373,833
15. Business Heating, Ventilating & A/C	205,779	605,253	428,059	495,650	230,938	107,572	2,073,251	3,216,100
16. Business Custom Incentive	15,417	15,417	22,443	3,417	160,417	90,415	307,526	369,516
17. Business Building Envelope	404,086	404,790	163,204	367,285	192,231	40,907	1,572,503	3,857,545
18. Business Water Heating	3,891	3,891	4,194	4,858	3,990	3,893	24,717	50,625
19. Business Refrigeration	4,951	4,946	5,496	6,581	5,106	4,548	31,628	53,872
20. Conservation Research & Development	60,051	56,801	109,670	96,676	110,820	94,301	528,319	627,141
21. Green Power Pricing Program	357,199	35,761	(223,731)				169,229	2,567,654
22. Common Expenses	1,226,644	783,263	1,640,964	1,354,733	1,403,512	1,294,744	7,703,860	14,713,601
<b>23. Total All Programs</b>	<b>\$ 18,834,824</b>	<b>\$ 17,562,858</b>	<b>\$ 17,156,805</b>	<b>\$ 17,438,766</b>	<b>\$ 13,594,861</b>	<b>\$ 11,570,044</b>	<b>\$ 96,168,158</b>	<b>\$ 183,553,357</b>
<b>24. LESS: Included in Base Rates</b>	<b>(106,182)</b>	<b>(118,165)</b>	<b>(168,788)</b>	<b>(116,483)</b>	<b>(113,751)</b>	<b>(112,710)</b>	<b>(736,080)</b>	<b>(1,458,117)</b>
<b>25. Recoverable Conservation Expenses</b>	<b>\$ 18,728,642</b>	<b>\$ 17,444,693</b>	<b>\$ 16,988,017</b>	<b>\$ 17,322,283</b>	<b>\$ 13,481,110</b>	<b>\$ 11,457,334</b>	<b>\$ 95,422,078</b>	<b>\$ 182,095,240</b>
Totals may not add to due rounding								

FLORIDA POWER & LIGHT COMPANY  
CONSERVATION TRUE-UP & INTEREST CALCULATION  
JANUARY THROUGH DECEMBER 2008

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
<b>B. CONSERVATION PROGRAM REVENUES</b>													
<b>1. RESIDENTIAL LOAD CONTROL CREDIT</b>													
<b>b1. GREEN POWER PRICING REVENUES</b>	\$ 361,334	\$ 366,338	\$ 374,043	\$ 379,610	\$ 382,985	\$ 382,464	\$ 374,762	\$ (19,268)	\$ (20,513)				
<b>b2. GREEN POWER PRICING REVENUES DEFERRED</b>	\$ (58,478)	\$ (8,886)	\$ (64,682)	\$ (29,313)	\$ (48,860)	\$ 210,220							\$ 2,581,755
<b>c. BUILDSMART PROGRAM REVENUES</b>													
<b>2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)</b>	\$ 11,755,375	\$ 10,242,755	\$ 10,130,400	\$ 10,495,734	\$ 11,499,971	\$ 13,503,892	\$ 13,988,116	\$ 14,370,602	\$ 13,975,105	\$ 13,308,395	\$ 11,893,574	\$ 11,465,334	\$ 146,629,344
<b>3. TOTAL REVENUES</b>	\$ 12,058,231	\$ 10,600,207	\$ 10,439,761	\$ 10,846,050	\$ 11,834,096	\$ 14,096,576	\$ 14,362,878	\$ 14,351,424	\$ 13,954,592	\$ 13,308,395	\$ 11,893,574	\$ 11,465,334	\$ 149,211,099
<b>4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP</b>	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 1,314,951	\$ 15,779,417
<b>5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)</b>	\$ 13,373,182	\$ 11,915,159	\$ 11,754,713	\$ 12,161,002	\$ 13,149,048	\$ 15,411,527	\$ 15,677,829	\$ 15,666,375	\$ 15,269,543	\$ 14,623,346	\$ 13,208,525	\$ 12,780,285	\$ 164,990,516
<b>6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 33)</b>	\$ 11,069,769	\$ 13,025,895	\$ 13,344,565	\$ 15,097,918	\$ 16,397,555	\$ 17,737,459	\$ 18,728,642	\$ 17,444,693	\$ 16,988,017	\$ 17,322,283	\$ 13,481,110	\$ 11,457,334	\$ 182,095,240
<b>7. TRUE-UP THIS PERIOD (Line B5 - Line B6)</b>	\$ 2,303,413	\$ (1,110,737)	\$ (1,589,852)	\$ (2,936,916)	\$ (3,248,507)	\$ (2,325,932)	\$ (3,050,812)	\$ (1,778,318)	\$ (1,718,474)	\$ (2,698,936)	\$ (272,585)	\$ 1,322,952	\$ (17,114,725)
<b>8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line C11)</b>	\$ 40,259	\$ 29,075	\$ 20,672	\$ 11,660	\$ 1,581	\$ (6,874)	\$ (15,090)	\$ (22,736)	\$ (29,036)	\$ (36,290)	\$ (42,082)	\$ (43,761)	\$ (92,642)
<b>9. TRUE-UP &amp; INTEREST PROVISION BEGINNING OF MONTH</b>	\$ 15,779,417	\$ 16,806,138	\$ 14,411,525	\$ 11,527,393	\$ 7,287,166	\$ 2,725,288	\$ (922,470)	\$ (5,303,324)	\$ (8,419,328)	\$ (11,481,790)	\$ (15,531,967)	\$ (17,161,586)	\$ 15,779,417
<b>a. DEFERRED TRUE-UP BEGINNING     OF PERIOD</b>	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)	\$ (4,285,620)
<b>10. PRIOR TRUE-UP COLLECTED (REFUNDED)</b>	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (1,314,951)	\$ (13,779,417)
<b>11. END OF PERIOD TRUE-UP - OVER(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)</b>	\$ 12,522,518	\$ 10,125,905	\$ 7,241,773	\$ 3,001,546	\$ (1,560,332)	\$ (5,208,090)	\$ (9,588,944)	\$ (12,704,948)	\$ (15,767,410)	\$ (19,817,587)	\$ (21,447,206)	\$ (21,462,987)	\$ (21,462,987)

**FLORIDA POWER & LIGHT COMPANY  
CONSERVATION TRUE-UP & INTEREST CALCULATION  
JANUARY THROUGH DECEMBER 2008**

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED 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)	11,483,785	12,522,518	10,125,905	7,241,773	3,001,546	(1,560,332)	(5,208,090)	(9,605,708)	(12,623,433)	(16,079,783)	(20,132,423)	(21,762,684)	(\$42,766,917)
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	12,482,258	10,096,830	7,221,102	2,989,886	(1,561,913)	(5,201,216)	(9,590,601)	(12,800,560)	(18,050,307)	(20,095,493)	(21,719,959)	(21,788,684)	(\$76,018,657)
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	\$23,976,053	\$22,619,348	\$17,347,008	\$10,231,659	\$1,439,633	(\$6,761,548)	(\$14,788,691)	(\$22,406,267)	(\$28,673,740)	(\$36,175,276)	(\$41,852,382)	(\$43,551,368)	(\$118,805,573)
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	\$11,988,027	\$11,309,674	\$8,673,503	\$5,115,829	\$719,816	(\$3,380,774)	(\$7,399,345)	(\$11,203,134)	(\$14,436,870)	(\$18,087,638)	(\$20,926,191)	(\$21,775,684)	(\$59,402,787)
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	4.98000%	3.08000%	3.09000%	2.63000%	2.84000%	2.43000%	2.45000%	2.45000%	2.45000%	2.45000%	2.45000%	2.45000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	3.08000%	3.09000%	2.63000%	2.84000%	2.43000%	2.45000%	2.45000%	2.45000%	2.45000%	2.45000%	2.45000%	2.45000%	N/A
7. TOTAL (Line C5+C6)	8.06000%	6.17000%	5.72000%	5.47000%	5.27000%	4.88000%	4.90000%	4.90000%	4.90000%	4.90000%	4.90000%	4.90000%	N/A
8. AVERAGE INTEREST RATE (50% of Line C7)	4.03000%	3.08500%	2.86000%	2.73500%	2.63500%	2.44000%	2.45000%	2.45000%	2.45000%	2.45000%	2.45000%	2.45000%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.33583%	0.25708%	0.23833%	0.22782%	0.21958%	0.20333%	0.20417%	0.20417%	0.20417%	0.20417%	0.20417%	0.20417%	N/A
10. INTEREST PROVISION FOR THE MONTH	\$40,259	\$29,075	\$20,672	\$11,660	\$1,581	(\$6,874)	(\$15,107)	(\$22,873)	(\$29,476)	(\$36,930)	(\$42,725)	(\$44,459)	(\$95,198)

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

**FLORIDA POWER & LIGHT COMPANY**  
**Calculation of Energy Conservation Cost Recovery (ECCR) Revenues**  
**For the Estimated/Actual Period January through December 2008**

	Month	Jurisdictional kWh Sales	Clause Revenues Net of Revenue Tax (1)
(Actual)	January	8,399,773,134	\$11,755,375
(Actual)	February	7,454,101,518	\$10,242,755
(Actual)	March	7,370,925,305	\$10,130,400
(Actual)	April	7,628,218,997	\$10,495,734
(Actual)	May	8,337,469,479	\$11,499,971
(Actual)	June	9,759,914,795	\$13,503,892
(Estimated)	July	10,143,619,000	\$13,988,116
(Estimated)	August	10,421,048,000	\$14,370,692
(Estimated)	September	10,134,184,000	\$13,975,105
(Estimated)	October	9,650,713,000	\$13,308,395
(Estimated)	November	8,624,742,000	\$11,893,574
(Estimated)	December	8,314,199,000	\$11,465,334
	Total	<u>106,238,908,228</u>	<u>\$146,629,344</u>

( 1 ) Revenue tax for the period is .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 2008 are expected to include 174,127 energy audits.

Program accomplishments for the period January through December 2009 are expected to include 140,000 energy audits.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$9,846,829.

Program fiscal expenditures for the period January through December 2009 are expected to be \$11,990,460.

**Program Progress Summary:** Program to date through June 2008, 2,485,530 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 2008 are expected to include 21,660 installations.

Program accomplishments for the period January through December 2009 are expected to include 16,819 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$20,290,868.

Program fiscal expenditures for the period January through December 2009 are expected to be \$12,704,583.

**Program Progress Summary:** Program to date through June 2008, 761,208 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 2008 are expected to include the installation of new substation equipment at five additional substations and a total of 772,633 program participants with load control transponders installed in their homes.

Program accomplishments for the period January through December 2009 are expected to include the installation of new substation equipment at seven additional substations, and a total of 786,531 program participants with load control transponders installed in their homes.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$56,230,596.

Program fiscal expenditures for the period January through December 2009 are expected to be \$56,584,561.

**Program Progress Summary:** Program to date through June 2008, there are 771,304 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 2008 are expected to include 34,707 installations.

Program accomplishments for the period January through December 2009 are expected to include 26,076 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$2,903,260.

Program fiscal expenditures for the period January through December 2009 are expected to be \$2,984,227.

**Program Progress Summary:** Program to date through June 2008, 457,741 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 2008 are expected to include 46,594 installations.

Program accomplishments for the period January through December 2009 are expected to include 45,000 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$21,880,229.

Program fiscal expenditures for the period January through December 2009 are expected to be \$19,035,878.

**Program Progress Summary:** Program to date through June 2008, 957,150 installations have been completed.

## 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 reduces FPL's coincident peak and load and customer energy consumption.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to include 2,799 homes.

Program accomplishments for the period January through December 2009 are expected to include 2,238 homes.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$1,389,387.

Program fiscal expenditures for the period January through December 2009 are expected to be \$1,275,440.

**Program Progress Summary:** Program to date through June 2008, 19,685 homes have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Low-Income Weatherization Program**

**Program Description:** This program employed a combination of energy audits and incentives to encourage low-income housing administrators to perform tune-ups of Heating and Ventilation Air Conditioning (HVAC) systems and install reduced air infiltration energy efficiency measures.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to include 625 installations.

Program accomplishments for the period January through December 2009 are expected to include 638 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$74,430.

Program fiscal expenditures for the period January through December 2009 are expected to be \$83,940.

**Program Progress Summary:** Program to date through June 2008, 1,109 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Residential Thermostat Load Control Pilot Project**

**Program Description:** This project will provide participating residential customers a programmable thermostat and the option of overriding FPL's control of their central air conditioning and heating appliances via telephone or the Internet.

**Program Projections:** Program accomplishments for the periods January through December 2008 and January through August 2009 are expected to include 387 participants. This represents 400 participants less thirteen which have discontinued participation in this program.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$323,515.

Program fiscal expenditures for the period January through August 2009 are expected to be \$101,153.

**Program Progress Summary:** This pilot was approved by the Florida Public Service Commission on August 14, 2007 to be effective from August 14, 2007 to August 13, 2009. Program to date, 400 participants have been solicited and enrolled, including testing for the level of interest in switching from the current credit-paying On Call heating and cooling options. Equipment has been purchased and installed from September 2007 through June 2008. Weekly communication tests have been performed to measure system reliability. Pre-curtalement participant satisfaction survey was executed on May 30, 2008; began preliminary analysis of demand and energy impacts of thermostat-based load control. Four summer curtailment events have been performed as of August 30, 2008.



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business On Call Program**

**Program Description:** This program is designed to offer voluntary load control of central air conditioning to GS and GSD customers.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to increase program participation to 83 MW.

Program accomplishments for the period January through December 2009 are expected to increase program participation to 88 MW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$3,692,480.

Program fiscal expenditures for the period January through December 2009 are expected to be \$3,708,039.

**Program Progress Summary:** Program to date through June 2008, total program participation is 81 MW.

## 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 2008 are expected to include the receipt of 737.6 MW of firm capacity at time of system peak and 5,876 GWh of purchase power. Five firm and six as-available power producers are expected to be participating.

Program accomplishments for the period January through December 2009 are expected to include the receipt of 737.6 MW of firm capacity at time of system peak and 5,589 GWh of purchase power. Five firm and six as-available power producers are expected to be participating.

**Program Fiscal Expenditures:** Program expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$458,122.

Program fiscal expenditures for the period January through December 2009 are expected to be \$503,403.

**Program Progress Summary:** Total MW under contract (facility size) is 737.6 MW of which 737.6 MW is committed capacity.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Efficient Lighting**

**Program Description:** A program designed to encourage the installation of energy efficient lighting measures in business customers' facilities.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to include the reduction of 3,043 kW.

Program accomplishments for the period January through December 2009 are expected to include the reduction of 3,250 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$380,401.

Program fiscal expenditures for the period January through December 2009 are expected to be \$469,349.

**Program Progress Summary:** Program to date through June 2008, total reduction is 265,534 kW.

## PROGRAM DESCRIPTION AND PROGRESS

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

**Program Description:** A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to result in program-to-date participation of 516 MW at the generator.

Program accomplishments for the period January through December 2009 are expected to result in program-to-date participation of 516 MW at the generator.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$31,100,850.

Program fiscal expenditures for the period January through December 2009 are expected to be \$31,214,438.

**Program Progress Summary:** Program to date through June 2008, participation in this program totals 514 MW at the generator. This program is closed to new participants.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Commercial/Industrial Demand Reduction**

**Program Description:** A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to increase program-to-date participation to 175 MW at the generator.

Program accomplishments for the period January through December 2009 are expected to increase program-to-date participation to 240 MW at the generator.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$6,152,504.

Program fiscal expenditures for the period January through December 2009 are expected to be \$8,954,570.

**Program Progress Summary:** Program to date through June 2008, participation in this program totals 138 MW at the generator.

## PROGRAM DESCRIPTION AND PROGRESS

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

**Program Description:** This program is designed to provide evaluations of business 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 2008 are expected to include 11,577 energy evaluations.

Program accomplishments for the period January through December 2009 are expected to include 11,300 energy evaluations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$3,373,833.

Program fiscal expenditures for the period January through December 2009 are expected to be \$5,943,189.

**Program Progress Summary:** Program to date through June 2008, 122,662 energy evaluations have been completed.

## **PROGRAM DESCRIPTION AND PROGRESS**

### **Program Title: Business 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 business customers by increasing the use of high efficiency heating, ventilating and air conditioning (HVAC) systems.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to include the reduction of 7,545 kW.

Program accomplishments for the period January through December 2009 are expected to include the reduction of 13,407.5 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$3,216,100.

Program fiscal expenditures for the period January through December 2009 are expected to be \$6,841,037.

**Program Progress Summary:** Program to date through June 2008, total reduction is 325,382 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Custom Incentive Program**

**Program Description:** A program designed to assist FPL's business customers to achieve electric demand and energy savings that is 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.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to include the reduction of 840 kW and the screening of several projects.

Program accomplishments for the period January through December 2009 are expected to include the reduction of 1,011 kW and continued screening of new projects.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$369,516.

Program fiscal expenditures for the period January through December 2009 are expected to be \$472,453.

**Program Progress Summary:** Program to date through June 2008, total reduction is 32,266 kW.



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Building Envelope Program**

**Program Description:** A program designed to encourage eligible business 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 2008 are expected to include the reduction of 10,354 kW.

Program accomplishments for the period January through December 2009 are expected to include the reduction of 10,080 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$3,857,545.

Program fiscal expenditures for the period January through December 2009 are expected to be \$3,850,314.

**Program Progress Summary:** Program to date through June 2008, total reduction is 63,700 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Water Heating**

**Program Description:** A program designed to encourage eligible business customers to install qualifying Heat Recovery Units (HRU) or Heat Pump Water Heater (HPWH) equipment.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to include the reduction of 103 kW.

Program accomplishments for the period January through December 2009 are expected to include the reduction of 240 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$50,625.

Program fiscal expenditures for the period January through December 2009 are expected to be \$148,503.

**Program Progress Summary:** Program to date through June 2008, total reduction is 107 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Refrigeration Program**

**Program Description:** A program designed to encourage eligible business customers to install energy-saving equipment to reduce or eliminate the use of electric heating elements needed to prevent condensation on display case doors and to defrost freezer doors.

**Program Projections:** Program accomplishments for the period January through December 2008 are expected to include the reduction of 101 kW.

Program accomplishments for the period January through December 2009 are expected to include the reduction of 194 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$53,872.

Program fiscal expenditures for the period January through December 2009 are expected to be \$43,128.

**Program Progress Summary:** Program to date through June 2008, total reduction is 116 kW.

## 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 2008 and January through December 2009 are expected to include the continuation of technology assessment of products/concepts for potential DSM opportunities. See Supplement on Pages 21 and 22 of 24 for descriptions.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 2008 are expected to be an estimated/actual period total of \$627,141.

Program fiscal expenditures for the period January through December 2009 are expected to be \$635,681.

**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>
Smart Cool HVAC Optimizer	This is a field test of a control system which optimizes the cycling pattern of A/C compressors to save energy and possibly reduce peak demand. The operation of many compressors can be coordinated by a central controller. A 15-month monitoring and evaluation performance test, conducted by the University of Miami (UM) collected actual field data at a national chain drug store in Miami. Product Development will evaluate the results to determine if the product is suitable for a utility incentive program.
Commercial Refrigeration Flow Controls	This is a field test of upgrading refrigerant flow control valves for commercial refrigerated cases. Data was gathered in both a Palatka supermarket and in the University of Florida lab before and after retrofitting each refrigerated case with a different type of variable flow refrigerant valve. The cost effectiveness of these retrofits will be evaluated in 2008 for both the customer and the electric utility.
AirTap Residential Heat Pump Water Heater	This is a lab test and computer modeling project to estimate the peak hour demand reduction and annual energy savings of a promising new heat pump water heater suitable for residential and small commercial applications. Testing will begin in the Fall 2008.
Efficient Pool Pumps	This is a field test of three different types of energy efficient pool pumps. With new State legislation requiring two-speed motors for pumps of 1 horsepower and higher, it is important to accurately estimate the demand and energy impacts of pool pump options. The study will test two-speed, variable-speed, and solar-powered pool pumps. Test site installations will begin in the Fall 2008.

**Supplement to Conservation Research & Development (CRD) Activities**

**Technology Assessment**

**Description**

Hotel/Motel Air Conditioner  
Occupancy Controls

This is a field test at a 58 room hotel in Sebastian, Florida of the Telkonet A/C occupancy controls. Actual savings data will be collected for six months in a side-by-side test in order to model peak demand reductions and annual energy savings in the climate of FPL territory. Installation and data collection will begin in the Fall 2008.

End Use Technology Research  
EPRI Collaborative

This is a collaborative research project which explores the latest energy efficiency measures which have high potential for residential and commercial markets. FPL is one of several partners selecting the projects, providing input, and reviewing results. Findings will continue to through mid-2009.

Docket No. 080002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(DB-1)  
Schedule C-5  
Page 23 of 24  
Revised: 10/08/2008

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Green Power Pricing Project**

**Project Description:** Under this project FPL provides residential and business customers interested in promoting renewable energy the option to purchase tradable renewable energy credits and support the development of renewable resources. This is a voluntary program.

**Program Projections:** Program accomplishments for the period January through June 2008 include a total of 38,452 participants.

There will be no program accomplishments for the period January through December 2009.

**Program Fiscal Expenditures:** Program fiscal expenditures (net of program revenues) for the period January through December 2008 are expected to be an estimated/actual period total of (\$14,100). This will result in program-to-date fiscal expenditures (net of program revenues) being \$0.

There will be no program fiscal expenditures for the period January through December 2009.

**Program Progress Summary:** The Green Pricing Program was terminated effective July 29, 2008, with the Green Power Pricing Rider tariff cancelled effective this same date. Program participants were billed through August 14, 2008. This was a result of the time required to change FPL's billing system to reflect the termination of the Program. All Program participants who were billed during the period July 29, 2008 through August 14, 2008 were rebilled and had the Green Pricing Program charge removed.

**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 2008 are expected to be an estimated/actual period total of \$14,713,601.

Program fiscal expenditures for the period January through December 2009 are expected to be \$17,712,472.

**Program Progress Summary:** N/A



COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC  
 CONSERVATION ADJUSTMENT TRUE-UP  
 FOR MONTHS January-07 THROUGH December-07

SCHEDULE CT-1  
 PAGE 1 OF 1

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS	January-07	THROUGH December-07
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL		<u>(16,276)</u>
5.	INTEREST		<u>(1,736)</u>
			<u>(18,012)</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-07 (DATE) HEARINGS		
8.	PRINCIPAL		<u>(24,475)</u>
9.	INTEREST		<u>(1,906)</u>
			<u>(26,381)</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u>8,369</u>

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 080002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MSS-1)  
 PAGE 1 OF 21

FLORIDA PUBLIC SERVICE COMMISSION  
 DOCKET NO. 080002-EG EXHIBIT 4  
 COMPANY Florida Public Utilities Co. (Direct) (Composite)  
 WITNESS Marc S. Seagrave (MSS-1)  
 DATE 11-04-08 composite

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

FOR MONTHS		January-07	THROUGH	December-07	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	211,471		213,948	(2,477)
2.	ADVERTISING	213,513		195,140	18,373
3.	LEGAL	847		1,367	(520)
4.	OUTSIDE SERVICES/CONTRACT	5,871		7,948	(2,077)
5.	VEHICLE COST	14,790		17,617	(2,827)
6.	MATERIAL & SUPPLIES	20,116		21,269	(1,153)
7.	TRAVEL	5,161		8,494	(3,334)
8.	GENERAL & ADMIN	11,404		24,948	(13,544)
9.	INCENTIVES	28,250		14,555	13,695
10.	OTHER	3,600		144	3,455
11.	SUB-TOTAL	515,022		505,430	9,592
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	515,022		505,430	9,592
14.	LESS: PRIOR PERIOD TRUE-UP	(44,616)		(44,616)	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(486,682)		(485,289)	(1,393)
17.	ROUNDING ADJUSTMENT				
18.	TRUE-UP BEFORE INTEREST	(16,276)		(24,475)	8,199
19.	ADD INTEREST PROVISION	(1,736)		(1,906)	170
20.	END OF PERIOD TRUE-UP	(18,012)		(26,381)	8,369

() REFLECTS OVERRECOVERY  
\* 7 MONTHS ACTUAL AND 5 MONTHS PROJECTED

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 080002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MSS-1)  
PAGE 2 OF 21

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-07 THROUGH December-07

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.													0
2.													0
3.													0
4.													0
5.													0
6.													0
7.													0
8.													0
9.													0
10. Common	118,474	72,865	754	1,872	14,790	13,190	236	10,355	0	948	233,483		233,483
11. Residential Geothermal Heat Pump	0	0	0	0	0	0	0	0	0	0	0		0
12. GoodCents Home/Energy Star Program	29,240	9,887	0	500	0	509	2,270	775	0	180	43,361		43,361
13. GoodCents Energy Survey Program	41,200	41,105	0	0	0	2,991	1,240	350	0	1,224	88,111		88,111
14. GoodCents Loan Program	0	0	93	0	0	0	0	(130)	0	0	(37)		(37)
15. GoodCents Commercial Building Program	5,211	30,321	0	0	0	2,740	0	0	0	0	38,272		38,272
16. GoodCents Commercial Tech. Assist. Program	5,285	6,846	0	3,499	0	661	0	54	0	150	16,494		16,494
17. Low Income	0	0	0	0	0	0	0	0	0	0	0		0
18. Affordable Housing Builders & Providers Program	0	0	0	0	0	0	0	0	0	0	0		0
19. Residential Heat and Cool Eff. Upgrade Program	7,574	3,518	0	0	0	26	781	0	24,950	1,098	37,946		37,946
20. Residential Ceiling Insuation Upgrade Program	2,947	3,013	0	0	0	0	634	0	3,300	0	9,893		9,893
21. Comm. Indoor Eff. Light. Rebate Program	1,241	37,381	0	0	0	0	0	0	0	0	38,622		38,622
22. Educ./Conserv. Demo. And Devel. Program	299	8,577	0	0	0	0	0	0	0	0	8,876		8,876
											0		0
<b>TOTAL ALL PROGRAMS</b>	<b>211,471</b>	<b>213,513</b>	<b>847</b>	<b>5,871</b>	<b>14,790</b>	<b>20,116</b>	<b>5,161</b>	<b>11,404</b>	<b>28,250</b>	<b>3,600</b>	<b>515,022</b>	<b>0</b>	<b>515,022</b>

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED  
VARIANCE ACTUAL VS PROJECTED

FOR MONTHS January-07 THROUGH December-07

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.													
2.													
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10. Common	13,838	36,569	(520)	(1,037)	(2,407)	(96)	(100)	(9,749)	0	1,259	37,758	0	37,758
11. Residential Geothermal Heat Pump	(200)	0	0	0	0	(300)	0	0	0	0	(500)	0	(500)
12. GoodCents Home/Energy Star Program	(11,511)	(20,325)	0	(960)	(420)	(1,548)	(1,744)	(3,325)	0	0	(39,833)	0	(39,833)
13. GoodCents Energy Survey Program	4,786	(9,169)	0	0	0	(288)	(1,040)	(420)	0	1,224	(4,906)	0	(4,906)
14. GoodCents Loan Program	0	0	0	0	0	0	0	(50)	0	0	(50)	0	(50)
15. GoodCents Commercial Building Program	(5,320)	6,200	0	0	0	2,525	0	0	0	0	3,405	0	3,405
16. GoodCents Commercial Tech. Assist. Program	(6,552)	(2,861)	0	(80)	0	0	(250)	0	0	0	(9,743)	0	(9,743)
17. Low Income	0	0	0	0	0	(1,446)	0	0	0	(126)	(1,572)	0	(1,572)
18. Affordable Housing Builders & Providers Program	0	0	0	0	0	0	0	0	(100)	0	(100)	0	(100)
19. Residential Heat and Cool Eff. Upgrade Program	1,641	(22)	0	0	0	0	(100)	0	12,295	1,098	14,912	0	14,912
20. Residential Ceiling Insulation Upgrade Program	450	703	0	0	0	0	(100)	0	1,500	0	2,552	0	2,552
21. Comm. Indoor Eff. Light. Rebate Program	92	8,329	0	0	0	0	0	0	0	0	8,421	0	8,421
22. Educ./Conserv. Demo. And Devel. Program	299	(1,050)	0	0	0	0	0	0	0	0	(751)	0	(751)
<b>TOTAL ALL PROGRAMS</b>	<b>(2,477)</b>	<b>18,373</b>	<b>(520)</b>	<b>(2,077)</b>	<b>(2,827)</b>	<b>(1,153)</b>	<b>(3,334)</b>	<b>(13,544)</b>	<b>13,695</b>	<b>3,455</b>	<b>9,592</b>	<b>0</b>	<b>9,592</b>

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS January-07 THROUGH December-07

A. CONSERVATION EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.													0
2.													0
3.													0
4.													0
5.													0
6.													0
7.													0
8.													0
9.													0
10. Common	13,894	12,012	17,560	37,517	15,633	9,175	15,056	34,340	21,172	22,198	17,242	17,684	233,483
11. Residential Geothermal Heat Pump	0	0	0	0	0	0	0	0	0	0	0	0	0
12. GoodCents Home/Energy Star Program	5,791	6,380	6,866	4,609	3,066	(1,639)	5,421	1,953	2,039	3,638	4,313	925	43,361
13. GoodCents Energy Survey Program	4,738	4,716	4,900	4,720	3,104	15,935	7,204	3,955	15,043	9,136	7,015	7,645	88,111
14. GoodCents Loan Program	(10)	(10)	(20)	(10)	83	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(37)
15. GoodCents Commercial Building Program	(265)	921	1,208	928	(3)	14,359	4,468	4,639	8,740	12	8	3,257	38,272
16. GoodCents Commercial Tech. Assist. Program	1,522	2,065	2,229	2,174	1,964	2,757	278	573	926	1,712	296	0	16,494
17. Low Income	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Affordable Housing Builders & Providers Program	0	0	0	0	0	0	0	0	0	0	0	0	0
19. Residential Heat and Cool Eff. Upgrade Program	1,029	1,731	1,651	2,124	3,812	3,169	3,668	2,570	5,182	6,577	2,912	3,521	37,946
20. Residential Ceiling Insulation Upgrade Program	573	363	1,019	344	458	704	980	(173)	1,459	1,697	1,054	1,417	9,894
21. Comm. Indoor Eff. Light. Rebate Program	0	0	9,726	14,083	17,182	(4,172)	(10,768)	(5,013)	0	9,004	12,646	(4,066)	38,622
22. Educ./Conserv. Demo. And Devel. Program	0	0	0	8,574	4	0	0	318	(19)	0	0	0	8,876
													0
21. TOTAL ALL PROGRAMS	27,271	28,178	45,138	75,064	45,303	40,278	26,297	43,152	54,531	53,964	45,475	30,371	515,022
22. LESS AMOUNT INCLUDED IN RATE BASE													
23. RECOVERABLE CONSERVATION EXPENSES	27,271	28,178	45,138	75,064	45,303	40,278	26,297	43,152	54,531	53,964	45,475	30,371	515,022

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

PAGE 2 OF 3

FOR MONTHS January-07 THROUGH December-07

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION													0
2. CONSERVATION ADJ. REVENUES	(39,001)	(39,348)	(35,999)	(34,580)	(35,584)	(40,197)	(49,938)	(51,478)	(47,603)	(44,842)	(33,852)	(34,260)	(486,682)
3. TOTAL REVENUES	(39,001)	(39,348)	(35,999)	(34,580)	(35,584)	(40,197)	(49,938)	(51,478)	(47,603)	(44,842)	(33,852)	(34,260)	(486,682)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(3,718)	(44,616)
5. CONSERVATION REVENUE APPLICABLE	(42,719)	(43,066)	(39,717)	(38,298)	(39,302)	(43,915)	(53,656)	(55,196)	(51,321)	(48,560)	(37,570)	(37,978)	(531,298)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	27,271	28,178	45,138	75,064	45,303	40,278	26,297	43,152	54,531	53,964	45,475	30,371	515,022
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(15,448)	(14,888)	5,421	36,766	6,001	(3,637)	(27,359)	(12,044)	3,210	5,404	7,905	(7,607)	(16,276)
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	(221)	(272)	(278)	(171)	(61)	(40)	(92)	(168)	(168)	(122)	(78)	(65)	(1,736)
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(44,616)	(56,567)	(68,009)	(59,148)	(18,835)	(9,177)	(9,136)	(32,869)	(41,363)	(34,603)	(25,603)	(14,058)	(44,616)
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	44,616
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	(56,567)	(68,009)	(59,148)	(18,835)	(9,177)	(9,136)	(32,869)	(41,363)	(34,603)	(25,603)	(14,058)	(18,012)	(18,012)

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 080002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MSS-1)  
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CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-07 THROUGH December-07

C. INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. BEGINNING TRUE-UP (LINE B-9)	(44,616)	(56,567)	(68,009)	(59,148)	(18,835)	(9,177)	(9,136)	(32,869)	(41,363)	(34,603)	(25,603)	(14,058)	(44,616)
2. ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	(56,346)	(67,737)	(58,870)	(18,664)	(9,116)	(9,096)	(32,777)	(41,195)	(34,435)	(25,481)	(13,980)	(17,947)	(16,276)
3. TOTAL BEG. AND ENDING TRUE-UP	(100,962)	(124,305)	(126,880)	(77,812)	(27,951)	(18,273)	(41,913)	(74,064)	(75,798)	(60,084)	(39,583)	(32,005)	(60,892)
4. AVERAGE TRUE-UP (LINE C-3 X 50%)	(50,481)	(62,152)	(63,440)	(38,906)	(13,976)	(9,137)	(20,956)	(37,032)	(37,899)	(30,042)	(19,792)	(16,003)	(30,446)
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.27%	5.26%	5.26%	5.26%	5.26%	5.26%	5.28%	5.24%	5.62%	5.05%	4.72%	4.72%	
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.26%	5.26%	5.26%	5.26%	5.26%	5.28%	5.24%	5.62%	5.05%	4.72%	4.72%	4.98%	
7. TOTAL (LINE C-5 + C-6)	10.53%	10.52%	10.52%	10.52%	10.52%	10.54%	10.52%	10.86%	10.67%	9.77%	9.44%	9.70%	
8. AVG. INTEREST RATE (C-7 X 50%)	5.27%	5.26%	5.26%	5.26%	5.26%	5.27%	5.26%	5.43%	5.34%	4.89%	4.72%	4.85%	
9. MONTHLY AVERAGE INTEREST RATE	0.439%	0.438%	0.438%	0.438%	0.438%	0.439%	0.438%	0.453%	0.445%	0.407%	0.393%	0.404%	
10. INTEREST PROVISION (LINE C-4 X C-9)	(221)	(272)	(278)	(171)	(61)	(40)	(92)	(168)	(168)	(122)	(78)	(65)	(1,736)

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-4  
PAGE 1 OF 1

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

FOR MONTHS January-07 THROUGH December-07

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 INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. RETURN REQUIREMENTS														
10. TOTAL DEPRECIATION AND RETURN														NONE

EXHIBIT NO. \_\_\_\_\_  
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**COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC**

**SCHEDULE CT-5  
PAGE 1 OF 1**

**RECONCILIATION AND EXPLANATION OF  
DIFFERENCES BETWEEN FILING AND PSC AUDIT**

**FOR MONTHS January-07 THROUGH December-07**

**AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST**

**COMPANY RESPONSE:**

**EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 080002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MSS-1)  
PAGE 9 OF 21**

1. Residential Geothermal Heat Pump Program
2. Good Cents Home/EnergyStar Program
3. Good Cents Energy Survey Program
4. Good Cents Commercial Building Program
5. Good Cents Commercial Energy Survey & Technical Assistance Program
6. Educational/Low Income Program
7. Educational/ Affordable Housing Builders and Providers Program
8. Good Cents Heating & Cooling Upgrade
9. Good Cents Ceiling Insulation Upgrade
10. Good Cents Commercial Indoor Efficient Lighting Rebate
11. Conservation Demonstration and Development Program

**PROGRAM TITLE:** Residential Geothermal Heat Pump Program

**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 provide significant benefits to participating customers in the form of reduced operating costs and are superior to other available heating and cooling technologies with respect to source efficiency and environmental impacts. Florida Public Utilities Company's Geothermal Heat Pump Program is designed to overcome existing market barriers, specifically lack of consumer awareness, knowledge and acceptance of this technology.

Florida Public Utilities Company intends to continue this program over a sustained period to educate consumers on geothermal technology and raise awareness about the availability, affordability, and improved customer satisfaction associated with these units. This commitment is necessary to foster a stable market for this promising technology. Not only will this increase customer and trade ally confidence, it will serve to encourage competition within this technology market and reduce the impact of the higher initial cost.

**PROGRAM ACCOMPLISHMENTS:** Even though there are no goals for this program we continue to promote this technology to our customers and HVAC partners.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$0.00

**PROGRAM PROGRESS SUMMARY:** Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

PROGRAM TITLE: Good Cents Home/Energy Star Program

PROGRAM DESCRIPTION: The Good Cents Home/Energy Star Program has long been the standard for energy efficient construction in Northwest Florida. For Florida Public Utilities Company and our customers, the Good Cents Home/Energy Star Program standards provide guidance concerning energy efficiency in new construction by promoting energy efficient home construction techniques, and by evaluating the energy efficient components of design and construction practices.

PROGRAM ACCOMPLISHMENTS: This year a total of 28 homes were certified through the Good Cents Home/Energy Star Program during this reporting period.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$43,361.

PROGRAM PROGRESS SUMMARY: We will continue to enhance our efforts in promoting contractor participation and the benefits of owning an Good Cents Home/Energy Star Program.

**PROGRAM TITLE:** Good Cents Energy Survey Program

**PROGRAM DESCRIPTION:** The objective of the Good Cents Energy Survey is to provide Florida Public Utilities Company's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower Florida Public Utilities Company's energy requirements and improve operating efficiencies. Florida Public Utilities Company views this program as a way of promoting the installation of cost-effective conservation measures. During the survey process, the customer is provided with specific whole-house recommendations. The survey process also checks for possible duct leakage.

**PROGRAM ACCOMPLISHMENTS:** This year a total of 131 Good Cents Energy Surveys were performed.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$88,111.

**PROGRAM PROGRESS SUMMARY:** We feel confident that by our efforts to promote this program through newspaper, radio, and television that we will continue to exceed provide valuable advice to our customers on conservation measures and practices.

**PROGRAM TITLE: Good Cents Commercial Building Program**

**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 Good Cents Commercial Building Program lies in its ability to address this diversity by focusing on the common characteristics of commercial buildings. The most common critical areas in commercial buildings that affect summer peak kW demand are the thermal efficiency of the building and HVAC equipment efficiency. The Good Cents Commercial Building Program provides requirements for these areas that, if adhered to, will help reduce peak kW demand and energy consumption. The promotion of the Good Cents Commercial Building Program through the years has created a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design continues to be sufficiently flexible to allow an architect or designer to use initiative and ingenuity to achieve results that are meaningful to both the customer and Florida Public Utilities Company.

The Good Cents Commercial Building Program is designed to ensure that buildings are constructed with energy efficiency levels above the Florida Model Energy code standards. These standards include both HVAC efficiency and thermal envelope requirements. Florida Public Utilities Company's continuing efforts to influence the market toward high-efficiency equipment and quality construction standards are the foundation of the Good Cents Commercial Building Program.

**PROGRAM ACCOMPLISHMENTS:** This year a total of 6 Good Cents Commercial buildings were certified.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$38,217.

**PROGRAM PROGRESS SUMMARY:** We feel confident that by our efforts to promote this program through newspaper, radio, and television that we will continue to exceed provide valuable advice to our customers on conservation measures and practices. We are also requiring our Conservation Reps to receive USGBC LEED accreditation to promote and facilitate commercial builders to build more efficient buildings.

**PROGRAM TITLE:** Good Cents Commercial Technical Assistance Audit Program

**PROGRAM DESCRIPTION:** The Technical Assistance Audit (TAA) Program is an interactive program that assists commercial customers in identifying advanced energy conservation opportunities. It is customized to meet the individual needs of large customers as required; therefore, it is an evolving program. The Technical Assistance Audit process consists of an on-site review of the customer's facility operation, equipment, and energy usage pattern by a Florida Public Utilities Company Conservation Specialist. The specialist identifies all areas of potential reduction in kW demand and kWh consumption as well as identifying end-use technology opportunities. A technical evaluation is then performed to determine the economic payback or life cycle cost for various improvements to the facility. Florida Public Utilities Company will subcontract the evaluation process to an independent engineering firm and/or contracting consultant, if necessary.

**PROGRAM ACCOMPLISHMENTS:** This year a total of 34 Good Cents Commercial Technical Audits were complete during the reporting period.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$16,494.

**PROGRAM PROGRESS SUMMARY:** This program has been successful and we are optimistic that our commercial customers will continue to involve us to an even greater extent in the future on upcoming commercial construction projects.

**PROGRAM TITLE:** *Low Income*

**PROGRAM DESCRIPTION:** Florida Public Utilities Company presently has energy education programs that identify low-cost and no-cost energy conservation measures. To better assist low-income customers in managing their energy purchases, the presentations and formats of these energy education programs are tailored to the audience. These programs provide basic energy education, as well as inform the customers of other specific services, such as the free energy surveys that Florida Public Utilities Company currently offers.

**PROGRAM ACCOMPLISHMENTS:** Even though there are no goals for this program we continue to work through agencies like SHIP to provide home energy surveys to low income customers as well as evaluating homes for local agencies for possible energy efficiency improvements.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$0.

**PROGRAM PROGRESS SUMMARY:** Even though this year there was not any special events or presentations directly related to Low Income customers we will continue to promote the opportunity to educate low-income customers on the benefits of an energy efficient home.



**PROGRAM TITLE:** Affordable Housing Builders and Providers

**PROGRAM DESCRIPTION:** Florida Public Utilities Company will identify the affordable housing builders within the service area and will encourage them to attend educational seminars and workshops related to energy efficient construction, retrofit programs, and financing programs. The Company will also encourage them to participate in the Good Cents Home program. Florida Public Utilities Company will work with the Florida Energy Extension Service and other seminar sponsors to offer a minimum of two seminars and/or workshops per year. Florida Public Utilities Company will work with all sponsors to reduce or eliminate attendance fees for affordable housing providers.

**PROGRAM ACCOMPLISHMENTS:** Even though there are no goals for this program we continue to promote energy efficient construction to affordable housing providers.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$0.

**PROGRAM PROGRESS SUMMARY:** Even though there were no presentations or programs that were directly related to the Affordable Housing industry we will continue to promote this opportunity to local housing authorities. Also, this program will continue to provide FPUC the opportunity to educate affordable housing contractors on the benefits of building an energy efficient home

**PROGRAM TITLE:** Residential Heating & Cooling Efficiency Upgrade Program

**PROGRAM DESCRIPTION:** This program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps.

**PROGRAM ACCOMPLISHMENTS:** For the reporting period 160 customers participated in the residential heating and cooling efficiency upgrade program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$39,946

**PROGRAM PROGRESS SUMMARY:** Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

**PROGRAM TITLE:** Residential Ceiling Insulation Upgrade Program

**PROGRAM DESCRIPTION:** The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by residential air-conditioning and heating equipment. To serve this purpose, this program requires that residential customers add at least R-11 of ceiling insulation. By doing so, they will qualify for an incentive of \$100.00 in the form of an Insulation Certificate that may be applied to the total cost of installing the added ceiling insulation.

Interested residential customers must request a free ceiling insulation inspection. Florida Public Utilities Company will then dispatch an energy efficiency expert to perform that inspection and determine what changes should be made to enhance efficiency. The inspection will also determine the customer's eligibility for the \$100 Insulation Certificate. If the customer desires it, Florida Public Utilities Company will also help them find a qualified contractor to do the needed upgrade.

**PROGRAM ACCOMPLISHMENTS:** For the reporting period 27 customers participated in the residential ceiling insulation upgrade program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$9,893.

**PROGRAM PROGRESS SUMMARY:** Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

**PROGRAM TITLE:** Commercial Indoor Efficient Lighting Rebate Program

**PROGRAM DESCRIPTION:** The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by commercial lighting equipment. To serve this purpose, this program requires that commercial customers achieve at least 1,000 watts of lighting reduction from any lighting source that has been retrofitted with a more efficient fluorescent lighting system (ballasts and lamps). By doing so, they will qualify for an incentive of 10¢ per watt reduced.

**PROGRAM ACCOMPLISHMENTS:** There were no participants in this program although there were several businesses that were evaluated to determine if they met the criteria to participate in the program. We have aggressively tried to promote this program and expect participation in 2008.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$38,622.

**PROGRAM PROGRESS SUMMARY:** Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

**PROGRAM TITLE:** Conservation Demonstration and Development (CDD) Program

**PROGRAM DESCRIPTION:** The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company.

The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

**PROGRAM ACCOMPLISHMENTS:** Even though there are no goals for this program we continue to explore new technologies for applicability to this program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2007 through December 31 2007 were \$8,876.

**PROGRAM PROGRESS SUMMARY:** Even though there is no particular goal for this program we will strive to continue our efforts to look for new technologies and market barriers.

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-09 THROUGH December-09

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>554,331</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>43,660</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>597,991</u>
4.	RETAIL KWH/THERM SALES	<u>771,656,238</u>
5.	COST PER KWH/THERM	<u>0.00077494</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00077600</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH/THERM)	<u>0.078</u>

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**FLORIDA PUBLIC SERVICE COMMISSION**

DOCKET NO. 080002-EG EXHIBIT 5  
COMPANY Florida Public Utilities Co. (Direct)  
WITNESS Marc S. Seagrave (mss-2)  
DATE 11-04-08 Composite

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-09 THROUGH December-09

A. ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
10 Common	13,859	13,840	13,840	13,840	13,840	13,840	13,840	13,840	13,840	13,840	13,840	13,840	166,099
11 Residential Geothermal Heat Pump	88	30	30	30	30	30	30	30	30	30	30	30	418
12 GoodCents Home/Energy Star	10,439	10,490	10,490	10,490	10,490	10,490	10,490	10,490	10,490	10,490	10,490	10,490	125,829
13 GoodCents Energy Survey Program	10,321	10,350	10,350	10,350	10,350	10,350	10,350	10,350	10,350	10,350	10,350	10,350	124,171
14 Good Cents Loan Prgram (Discontinued)	0	0	0	0	0	0	0	0	0	0	0	0	0
15 GoodCents Commercial Building	3,144	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	37,684
16 GoodCents Commercial Tech. Assistance	3,439	3,480	3,480	3,480	3,480	3,480	3,480	3,480	3,480	3,480	3,480	3,480	41,719
17 Low Income	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Affordable Housing/Builders Program	0	0	0	0	0	0	0	0	0	0	0	0	0
19 GoodCents Heating and Cooling Upgrade	2,873	2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,850	34,223
20 GoodCents Ceiling Insulation upgrade Program	368	350	350	350	350	350	350	350	350	350	350	350	4,218
21 GoodCents Commercial Indoor Lighting Rebate	1,329	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	15,519
22 Conservation Demonstration & Development	381	370	370	370	370	370	370	370	370	370	370	370	4,451
31. TOTAL ALL PROGRAMS	46,241	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	554,331
32. LESS AMOUNT INCLUDED IN RATE BASE													
33. RECOVERABLE CONSERVATION EXPENSES	46,241	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	46,190	554,331

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ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-09 THROUGH December-09

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
10. Common	117,111	2,078	4,296	4,306	21,416	7,612	200	5,873	0	3,207	166,099	0	166,099
11. Residential Geothermal Heat Pump	300	0	0	0	0	118	0	0	0	0	418	0	418
12. GoodCents Home/Energy Star	39,109	70,684	0	3,330	1,128	5,470	1,100	1,801	0	3,207	125,829	0	125,829
13. GoodCents Energy Survey Program	33,142	76,921	0	0	0	9,344	1,400	157	0	3,207	124,171	0	124,171
5. Good Cents Loan Prgram (Discontinued)	0	0	0	0	0	0	0	0	0	0	0	0	0
15. GoodCents Commercial Building	15,767	18,710	0	0	0	0	0	0	0	3,207	37,684	0	37,684
16. GoodCents Commercial Tech. Assistance	17,523	20,789	0	200	0	0	0	0	0	3,207	41,719	0	41,719
17. Low Income	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Affordable Housing/Builders Program	0	0	0	0	0	0	0	0	0	0	0	0	0
19. GoodCents Heating and Cooling Upgrade	1,800	1,044	0	0	0	0	300	0	27,872	3,207	34,223	0	34,223
20. GoodCents Ceiling Insulation upgrade Program	500	836	0	0	0	0	263	0	0	2,619	4,218	0	4,218
21. GoodCents Commercial Indoor Lighting Rebate	0	12,473	0	0	0	0	0	0	0	3,046	15,519	0	15,519
22. Conservation Demonstration & Development	0	4,451	0	0	0	0	0	0	0	0	4,451	0	4,451
31. TOTAL ALL PROGRAMS	225,252	207,986	4,296	7,836	22,544	22,544	3,263	7,831	27,872	24,907	554,331	0	554,331
32. LESS: BASE RATE RECOVERY													
33. NET PROGRAM COSTS	225,252	207,986	4,296	7,836	22,544	22,544	3,263	7,831	27,872	24,907	554,331	0	554,331

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2  
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SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-09 THROUGH December-09

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

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
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PROGRAM NAME	ACTUAL FOR MONTHS	January-08	THROUGH	July-08													
	ESTIMATED FOR MONTHS	August-08	THROUGH	December-08	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
10. Common																	
A. ACTUAL		73,282				55,561	0	93	13,205	10,793	0	4,626	0	2,867	160,427		160,427
B. ESTIMATED		52,100				1,290	580	1,130	8,540	2,480	80	13,750	0	0	79,950		79,950
C. TOTAL		125,382				56,851	580	1,223	21,745	13,273	80	18,376	0	2,867	240,377		240,377
11. Residential Geothermal Heat Pump																	
A. ACTUAL		0				238	0	0	0	0	0	0	0	0	238		238
B. ESTIMATED		130				0	0	0	0	370	0	0	0	0	500		500
C. TOTAL		130				238	0	0	0	370	0	0	0	0	738		738
12. GoodCents Home/Energy Star																	
A. ACTUAL		418				3,948	0	0	0	0	1,422	0	0	2,594	8,382		8,382
B. ESTIMATED		20,900				24,810	0	1,500	400	1,810	2,350	3,980	0	0	55,750		55,750
C. TOTAL		21,318				28,758	0	1,500	400	1,810	3,772	3,980	0	2,594	64,132		64,132
13. GoodCents Energy Survey Program																	
A. ACTUAL		43,564				20,321	0	0	0	1,462	0	0	0	7,125	72,472		72,472
B. ESTIMATED		18,350				27,400	0	0	0	3,130	1,130	440	0	0	50,450		50,450
C. TOTAL		61,914				47,721	0	0	0	4,592	1,130	440	0	7,125	122,922		122,922
14. Good Cents Loan Prgram (Discontinued)																	
A. ACTUAL		0				0	0	0	0	0	0	(50)	0	0	(50)		(50)
B. ESTIMATED		0				0	0	0	0	0	0	0	0	0	0		0
C. TOTAL		0				0	0	0	0	0	0	(50)	0	0	(50)		(50)
15. GoodCents Commercial Building																	
A. ACTUAL		6,233				2,290	0	0	0	0	0	0	0	66	8,589		8,589
B. ESTIMATED		7,970				6,030	0	0	0	0	0	0	0	0	14,000		14,000
C. TOTAL		14,203				8,320	0	0	0	0	0	0	0	66	22,589		22,589
16. GoodCents Commercial Tech. Assistance																	
A. ACTUAL		457				28,868	0	3,024	0	0	0	0	0	0	32,349		32,349
B. ESTIMATED		9,440				4,480	0	80	0	0	250	0	0	0	14,250		14,250
C. TOTAL		9,897				33,348	0	3,104	0	0	250	0	0	0	46,599		46,599
SUB-TOTAL ACTUAL		123,954				111,226	0	3,117	13,205	12,255	1,422	4,576	0	12,652	282,407		282,407
SUB-TOTAL ESTIMATED		108,890				64,010	580	2,710	8,940	7,790	3,810	18,170	0	0	214,900		214,900
LESS: PRIOR YEAR AUDIT ADJ.																	
ACTUAL															0		0
ESTIMATED																	
TOTAL																	
NET PROGRAM COSTS		SEE PAGE 1A															

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 1A OF 5

ACTUAL FOR MONTHS		January-08	THROUGH	July-08									
ESTIMATED FOR MONTHS		August-08	THROUGH	December-08									
PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
17. Low Income													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Affordable Housing/Builders Program													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
19. GoodCents Heating and Cooling Upgrade													
A. ACTUAL	3,364	396	0	0	0	0	0	0	13,002	0	16,762	0	16,762
B. ESTIMATED	950	3,440	0	0	0	0	100	0	1,860	0	6,350	0	6,350
C. TOTAL	4,314	3,836	0	0	0	0	100	0	14,862	0	23,112	0	23,112
20. GoodCents Ceiling Insulation upgrade Program													
A. ACTUAL	2,436	395	0	0	0	0	0	0	1,600	0	4,431	0	4,431
B. ESTIMATED	210	2,980	0	0	0	0	60	0	0	0	3,250	0	3,250
C. TOTAL	2,646	3,375	0	0	0	0	60	0	1,600	0	7,681	0	7,681
21. GoodCents Commercial Indoor Lighting Rebate													
A. ACTUAL	746	16,566	0	0	0	0	0	0	1,011	0	18,323	0	18,323
B. ESTIMATED	0	4,450	0	0	0	0	0	0	0	0	4,450	0	4,450
C. TOTAL	746	21,016	0	0	0	0	0	0	1,011	0	22,773	0	22,773
22. Conservation Demonstration & Development													
A. ACTUAL	5,450	0	0	0	0	0	0	0	0	13	5,463	0	5,463
B. ESTIMATED	0	1,100	0	0	0	0	0	0	0	0	1,100	0	1,100
C. TOTAL	5,450	1,100	0	0	0	0	0	0	0	13	6,563	0	6,563
TOTAL ACTUAL	135,950	128,583	0	3,117	13,205	12,255	1,422	4,576	15,613	12,665	327,386	0	327,386
TOTAL ESTIMATED	110,050	75,980	580	2,710	8,940	7,790	3,970	18,170	1,860	0	230,050	0	230,050
LESS: PRIOR YEAR AUDIT ADJ.													
ACTUAL											0		0
ESTIMATED													
TOTAL													
NET PROGRAM COSTS	246,000	204,563	580	5,827	22,145	20,045	5,392	22,746	17,473	12,665	557,436	0	557,436

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3  
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ACTUAL FOR MONTHS      January-08      THROUGH      July-08  
 ESTIMATED FOR MONTHS      August-08      THROUGH      December-08

	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

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 3 OF 5

ACTUAL FOR MONTHS January-08 THROUGH July-08  
 ESTIMATED FOR MONTHS August-08 THROUGH December-08

A. ESTIMATED EXPENSE BY PROGRAM	ACTUAL							TOTAL	ESTIMATED					TOTAL	GRAND
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	ACTUAL	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ESTIMATED	TOTAL
10 Common	14,804	20,579	16,743	33,800	32,285	25,702	16,514	160,427	15,990	15,990	15,990	15,990	15,990	79,950	240,377
11 Residential Geothermal Heat Pump	0	0	0	0	0	238	0	238	100	100	100	100	100	500	738
12 GoodCents Home/Energy Star	1,961	251	730	2,442	1,046	1,952	0	8,382	11,150	11,150	11,150	11,150	11,150	55,750	64,132
13 GoodCents Energy Survey Program	4,210	8,325	10,502	8,901	12,804	16,577	11,153	72,472	10,090	10,090	10,090	10,090	10,090	50,450	122,922
14 Good Cents Loan Program (Discontinued)	(10)	0	0	(10)	(10)	(10)	(10)	(50)	0	0	0	0	0	0	(50)
15 GoodCents Commercial Building	3,867	2,225	(196)	652	2,041	0	0	8,589	2,800	2,800	2,800	2,800	2,800	14,000	22,589
16 GoodCents Commercial Tech. Assistance	0	0	0	1,183	7,059	16,765	7,342	32,349	2,850	2,850	2,850	2,850	2,850	14,250	46,599
17 Low Income	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Affordable Housing/Builders Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 GoodCents Heating and Cooling Upgrade	1,855	731	805	3,065	2,417	3,529	4,360	16,762	1,270	1,270	1,270	1,270	1,270	6,350	23,112
20 GoodCents Ceiling Insulation upgrade Program	266	333	92	621	1,560	616	943	4,431	650	650	650	650	650	3,250	7,681
21 GoodCents Commercial Indoor Lighting Rebat	2,062	2,062	8,990	16,161	(7,633)	(100)	(3,219)	18,323	890	890	890	890	890	4,450	22,773
22 Conservation Demonstration & Development	0	0	437	1,131	502	392	3,001	5,463	220	220	220	220	220	1,100	6,563
Prior period audit adj.								0							0
31. TOTAL ALL PROGRAMS	29,015	34,506	38,103	67,946	52,071	65,661	40,084	327,386	46,010	46,010	46,010	46,010	46,010	230,050	557,436
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES	29,015	34,506	38,103	67,946	52,071	65,661	40,084	327,386	46,010	46,010	46,010	46,010	46,010	230,050	557,436

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 ENERGY CONSERVATION ADJUSTMENT  
 CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
 PAGE 4 OF 5

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS	January-08	THROUGH	July-08													
	August-08	THROUGH	December-08	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)	(40,318)	(38,288)	(37,201)	(33,145)	(36,959)	(46,580)	(51,901)	(48,562)	(50,367)	(44,163)	(31,598)	(38,912)	(497,994)			
3. TOTAL REVENUES	(40,318)	(38,288)	(37,201)	(33,145)	(36,959)	(46,580)	(51,901)	(48,562)	(50,367)	(44,163)	(31,598)	(38,912)	(497,994)			
4. PRIOR PERIOD TRUE-UP-ADJ NOT APPLICABLE TO PERIOD	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,333)	(15,963)			
5. CONSERVATION REVENUES APPLICABLE TO PERIOD	(41,648)	(39,618)	(38,531)	(34,475)	(38,289)	(47,910)	(53,231)	(49,892)	(51,697)	(45,493)	(32,928)	(40,245)	(513,957)			
6. CONSERVATION EXPENSES (FORM C-3,PAGE 3)	29,015	34,506	38,103	67,946	52,071	65,661	40,084	46,010	46,010	46,010	46,010	46,010	557,436			
7. TRUE-UP THIS PERIOD	(12,633)	(5,112)	(428)	33,471	13,782	17,751	(13,147)	(3,882)	(5,687)	517	13,082	5,765	43,479			
8. INTEREST PROVISION THIS PERIOD (C-3,PAGE 5)	(73)	(75)	(73)	(30)	26	59	67	52	45	43	59	81	181			
9. TRUE-UP & INTEREST PROVISION	(15,963)	(27,339)	(31,196)	(30,367)	4,404	19,542	38,682	26,932	24,432	20,120	22,010	36,481	(15,963)			
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	1,330	1,330	1,330	1,330	1,330	1,330	1,330	1,330	1,330	1,330	1,330	1,333	15,963			
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)	(27,339)	(31,196)	(30,367)	4,404	19,542	38,682	26,932	24,432	20,120	22,010	36,481	43,660	43,660			

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
ENERGY CONSERVATION ADJUSTMENT  
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
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ACTUAL FOR MONTHS ESTIMATED FOR MONTHS  
January-08 August-08 THROUGH THROUGH July-08 December-08

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	(15,963)	(27,339)	(31,196)	(30,367)	4,404	19,542	38,682	26,932	24,432	20,120	22,010	36,481	43,660
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	(27,266)	(31,121)	(30,294)	4,434	19,516	38,623	26,865	24,380	20,075	21,967	36,422	43,579	43,479
3. TOTAL BEG. AND ENDING TRUE-UP AVERAGE TRUE-UP (LINE C-3 X 50 %)	(43,229)	(58,460)	(61,490)	(25,933)	23,920	58,165	65,547	51,312	44,507	42,087	58,432	80,060	87,139
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	(21,615)	(29,230)	(30,745)	(12,967)	11,960	29,083	32,774	25,656	22,254	21,044	29,216	40,030	43,570
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	4.98%	3.08%	3.09%	2.63%	2.84%	2.43%	2.45%	2.44%	2.44%	2.44%	2.44%	2.44%	2.44%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	3.08%	3.09%	2.63%	2.84%	2.43%	2.45%	2.44%	2.44%	2.44%	2.44%	2.44%	2.44%	2.44%
7. TOTAL (LINE C-5 + C-6)	8.06%	6.17%	5.72%	5.47%	5.27%	4.88%	4.89%	4.88%	4.88%	4.88%	4.88%	4.88%	4.88%
8. AVG INTEREST RATE (C-7 X 50%)	4.03%	3.09%	2.86%	2.74%	2.64%	2.44%	2.45%	2.44%	2.44%	2.44%	2.44%	2.44%	2.44%
9. MONTHLY AVERAGE INTEREST RATE	0.336%	0.257%	0.238%	0.228%	0.220%	0.203%	0.204%	0.203%	0.203%	0.203%	0.203%	0.203%	0.203%
10. INTEREST PROVISION (LINE C-4 X C-9)	(73)	(75)	(73)	(30)	26	59	67	52	45	43	59	81	181

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4  
 PAGE 1 OF 1

FOR THE PERIOD January-08 THROUGH December-09

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2008 JANUARY	62,652	40,318	ACTUAL
FEBRUARY	57,237	38,288	ACTUAL
MARCH	55,598	37,201	ACTUAL
APRIL	49,559	33,145	ACTUAL
MAY	55,247	36,959	ACTUAL
JUNE	69,626	46,580	ACTUAL
JULY	77,583	51,901	ACTUAL
AUGUST	72,065	48,562	0.67386
SEPTEMBER	74,744	50,367	0.67386 *
OCTOBER	65,537	44,163	0.67386 *
NOVEMBER	46,891	31,598	0.67386 *
DECEMBER	57,744	38,912	0.67387 *
SUB-TOTAL	744,483	497,994	
2009 JANUARY	63,800	49,441	0.077494
FEBRUARY	64,595	50,058	0.077494
MARCH	60,525	46,904	0.077494
APRIL	55,014	42,633	0.077494
MAY	59,201	45,878	0.077494
JUNE	67,997	52,694	0.077494
JULY	79,850	61,879	0.077494
AUGUST	71,003	55,024	0.077494
SEPTEMBER	73,548	56,995	0.077494
OCTOBER	66,758	51,734	0.077494
NOVEMBER	51,115	39,611	0.077494
DECEMBER	58,249	45,140	0.077494
SUB-TOTAL	771,656	597,991	
TOTALS	1,516,139	1,095,985	

\* Weighted average rates based on a consolidation of the separate rates for the two electric divisions.

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1. Residential Geothermal Heat Pump
2. GoodCents Home/Energy Star Program
3. GoodCents Energy Survey Program
4. GoodCents Commercial Building Program
5. GoodCents Commercial Technical Assistance Program
6. Educational/Low Income
7. Educational/Affordable Housing Builders and Providers Program
8. Residential Heating and Cooling Efficiency Upgrade Program
9. Residential Ceiling Insulation Upgrade Program
10. Commercial Indoor Efficient Lighting Rebate Program
11. Educational/Conservation Demonstration and Development Program

**PROGRAM TITLE:**

Residential Geothermal Heat Pump Program

**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 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 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. According to the Department of Energy (DOE) geothermal technology is 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 2009 through December 2009: At this time no participation goals have been set.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009, projected expenses are \$4,00.

**PROGRAM SUMMARY:**

Even though there is no particular goal for this program we continue our efforts to promote this technology and hope we will see a number of geothermal installations in the future. This program also receives the benefits from the advertising of the GoodCents Home/Energy Star Program, which promotes high efficient heating and cooling systems.

**PROGRAM TITLE:**

GoodCents Home/Energy Star Program

**PROGRAM DESCRIPTION:**

The GoodCents Home Program has long been the standard for energy efficient construction in North Florida and throughout other parts of the country where the GoodCents Program has been utilized by as many as 270 different utilities. For FPUC and our customers, GoodCents homes provides guidance concerning energy efficiency in new construction by promoting energy efficient home construction techniques by evaluating components in the categories of design and construction practices.

In an effort to further enhance the GoodCents Home Program and market the Program more efficiently and effectively, GoodCents signed a Memorandum of Understanding with the Department of Energy (DOE) and the Environmental Protection Agency (EPA). Since FPUC is a member of GoodCents this agreement provides the opportunity to offer the Energy Star Home Program to builders and customers and correlates the performance of GoodCents homes to the nationally recognized Energy Star efficiency label. In many cases, a standard GoodCents home will also qualify as an Energy Star Home. The GoodCents Home standards continue to exceed the minimum efficiency standards for new construction as set forth by the Florida Model Energy Code.

**PROGRAM PROJECTION:**

For January 2009 through December 2009 the goal for the number of program participants is 74.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses are \$125,829.

**PROGRAM SUMMARY:**

Through this program, participating customers will experience lower utility bills, increased comfort, and the eligibility to utilize energy efficient home mortgage products. We continue to see a positive participation in this program due to the continuous effort in educating and advertising the benefits of this program to our customers and builders. We will continue to build a good working relationship with our builders and customers to ensure the success of this program.

**PROGRAM TITLE:**

GoodCents Energy Survey Program

**PROGRAM DESCRIPTION:**

The objective of the GoodCents Energy Survey Program is to provide FPUC's residential customers with energy conservation advice that encourages 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 survey process, the customer is provided with specific whole-house recommendations. The survey process also checks for possible duct leakage. If a problem is identified recommendations will be made for further analysis and repairs. Blower-door testing is required to identify and quantify the duct leakage and will be performed by a contractor. After identifying the leakage sites and quantities, the customer is given a written summary of the test findings and the potential for savings, along with a list of approved repair contractors. As a result, the increase in operating efficiencies provides for a reduction in weather-sensitive peak demand, as well as a reduction in energy consumption.

**PROGRAM PROJECTIONS:**

For January 2009 through December 2009 the goal for the number of program participants is 162.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses are \$125,829.

**PROGRAM SUMMARY:**

This program provides participating customers with the information needed to determine which energy saving measures are best suited to their individual needs and requirements. We feel confident that by continuing to advertise the benefits of this program through bill inserts, promotional materials, newspaper, and cable TV we will continue to see a high participation level in this program.

**PROGRAM TITLE:**

GoodCents Commercial Building Program

**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 GoodCents Building Program provides requirements for these areas that, if adhered to, will help reduce peak demand and energy consumption.

The promotion of the GoodCents Commercial Building Program through the years has featured a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design continues to be 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 kW and kWh savings due to the GoodCents Commercial Building Program, the GoodCents standards for average commercial buildings 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 kW and kWh differences for the two types of structures.

**PROGRAM PROJECTIONS:**

For January 2009 through December 2009 the goal for the number of program participants is 13.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses are \$37,684.

**PROGRAM SUMMARY:**

The GoodCents Building Program is designed to ensure that buildings are constructed with energy efficiency levels above the Florida Model Energy Code standards. These standards include both HVAC efficiency and thermal envelope requirements. This program will continue to be successful as FPUC builds on its efforts in working with builders and architects.

**PROGRAM TITLE:**

GoodCents Commercial Technical Assistance Audit Program

**PROGRAM DESCRIPTION:**

The GoodCents Commercial Technical Assistance Audit Program is an interactive program that provides commercial customers assistance in identifying advanced energy conservation opportunities. It is customized to meet the individual needs of large customers as required; therefore, it is an evolving program.

The Technical Assistance Audit process consists of an on-site review by FPUC Conservation Specialist of the customer's facility operation, equipment and energy usage pattern. The specialist identifies areas of potential reduction in kW demand and kWh consumption as well as identifying end-use technology opportunities. A technical evaluation is then performed to determine the economic payback or life cycle cost for various improvements to the facility. When necessary, FPUC will subcontract the evaluation process to an independent engineering firm and/or contracting consultant.

**PROGRAM PROJECTION:**

For January 2009 through December 2009 the goal for the number of program participants is 45.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses are \$41,719.

**PROGRAM SUMMARY:**

In recent research of commercial/industrial customers, consistent response for areas of improvement from this class of customer include individualized attention and service in helping them improve their cost of operation and efficiency. We have built trusting relationships with many of these customers by offering education on new technologies and by offering expertise in energy conservation. The work we have done in this area will continue to benefit FPUC.

**FLORIDA PUBLIC UTILITIES COMPANY  
CONSOLIDATED ELECTRIC DIVISION  
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5  
PAGE 7 OF 12**

**PROGRAM TITLE:**

Low Income Program

**PROGRAM DESCRIPTION:**

FPUC presently has energy education programs that identify low cost and or no cost conservation measures. In order to better assist low-income customers in managing their energy purchases, the presentation and format of these energy education programs are tailored to the audience. These programs provide basic energy education, as well as inform the customers of other specific services, such as free energy surveys, that FPUC currently offers.

**PROGRAM PROJECTION:**

For January 2009 through December 2009: There are no goals set for this program.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses for this period are \$-0-.

**PROGRAM SUMMARY:**

This program will benefit Florida Public Utilities Company by providing opportunities to educate low-income customers on the benefits of an energy efficient home.

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**FLORIDA PUBLIC UTILITIES COMPANY  
CONSOLIDATED ELECTRIC DIVISION  
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5  
PAGE 8 OF 12**

**PROGRAM TITLE:**

Affordable Housing Builders and Providers Program

**PROGRAM DESCRIPTION:**

FPUC will identify the affordable housing builders within the service area and will encourage them to attend education seminars and workshops related to energy efficient construction, retrofit programs, financing programs, etc., and to participate in the GoodCents Home Program. FPUC will work with the Florida Energy Extension Service and other seminar sponsors to offer a minimum of two seminars and/or workshops per year. FPUC will work with all sponsors to reduce or eliminate attendances fees for affordable housing providers.

**PROGRAM PROJECTION:**

For January 2009 through December 2009. There is no goal for this program.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses for this period are \$-0-.

**PROGRAM SUMMARY:**

This program will provide FPUC the opportunity to educate contractors on the benefits of building a home to GoodCents standards as well as introduce new and innovative energy efficient building technology.

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**PROGRAM TITLE:**

Residential Heating and Cooling Efficiency Upgrade Program

**PROGRAM DESCRIPTION:**

This program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps. Two types of rebates are offered, one is for replacing an existing resistance-heating system with a high efficiency heat pump and the second type is for replacing a lower-efficiency heat pump with a high-efficiency heat pump. FPUC will validate engineering analyses of energy and demand savings with billing data and by metering customer equipment.

**PROGRAM PROJECTIONS:**

For January 2009 through December 2009 the goal for the number of program participants is 88.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses are \$34,223.

**PROGRAM SUMMARY:**

This program provides an opportunity for FPUC customers' to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program through our GoodCents Energy Survey Program, bill inserts, promotional materials, newspaper ads, and cable TV we will continue to see a high participation level.

**PROGRAM TITLE:**

Residential Ceiling Insulation Upgrade Program

**PROGRAM DESCRIPTION:**

The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by residential air-conditioning and heating equipment. To serve this purpose, this program requires that residential customers add at least R-11 of ceiling insulation. Resulting total R-values achieved will range from R-30 to R-38. By doing so, they will qualify for an incentive of \$100 in the form of an Insulation Certificate that may be applied to the total cost of installing the added ceiling insulation.

**PROGRAM PROJECTIONS:**

For January 2009 through December 2009 the goal for the number of program participants is 28.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses are \$4,218.

**PROGRAM SUMMARY:**

Interested residential customers must request a free ceiling insulation inspection. FPUC will then dispatch an energy efficiency expert to perform that inspection and determine what changes should be made to enhance efficiency. The inspection will also determine the customer's eligibility of the incentive. This program will be promoted through the GoodCents Energy Survey Program as well as bill inserts, newspaper ads and cable TV. We feel confident that by continuing to advertise the benefits of this program we will see participation levels increase.

**PROGRAM TITLE:**

Commercial Indoor Efficient Lighting Rebate Program

**PROGRAM DESCRIPTION:**

The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by commercial lighting equipment. To serve this purpose, this program requires that commercial customers achieve at least 1,000 watts of lighting reduction from any lighting source that has been retrofitted with a more efficient fluorescent lighting system (ballasts and lamps). By doing so, they will qualify for an incentive of 10 cents per watt reduced.

**PROGRAM PROJECTION:**

For January 2009 through December 2009 the goal for the number of program participants is 4.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses are \$15,519.

**PROGRAM SUMMARY:**

Interested customers or contractors must contact FPUC before starting a lighting retrofit project. The company will then dispatch a qualified lighting engineer to perform an inspection and determine what lighting changes should be made to enhance efficiency. The inspection will also determine the customer/contractor's eligibility for the incentive. This program will be promoted through the GoodCents Commercial Technical Assistance Audit Program, bill inserts, newspaper ads, and cable TV. We feel confident that by continuing advertising the benefits of this program we will see participation levels increase.

**PROGRAM TITLE:**

Conservation Demonstration and Development (CDD) Program

**PROGRAM DESCRIPTION:**

The primary purpose of the Conservation Demonstration and Development (CDD) Program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by FPUC.

The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

**PROGRAM PROJECTION:**

For January 2009 through December 2009: There are no goals set for this program.

**PROGRAM FISCAL EXPENDITURES:**

For January 2009 through December 2009 the projected expenses for this period are \$4,451.

**PROGRAM SUMMARY:**

This program will enable FPUC to pursue research, development and demonstration projects designed to promote energy efficiency and conservation. CDD projects will enable the collection of actual data from field tests. Engineering estimates and modeling techniques can be tested and validated. Future cost-benefit analyses for the subject CDD projects will be more reliable, thereby enabling better assessments of the expected future peak demand and energy conservation potential.

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FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080002-EG EXHIBIT 6

COMPANY Gulf Power Co. (Direct)

WITNESS John N. Floyd (JNF-1)

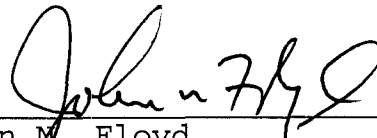
DATE 11-04-08

AFFIDAVIT

STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA    )

Docket No. 080002-EG

Before me the undersigned authority, personally appeared John N. Floyd, who being first duly sworn, deposes and says that he is the Economic Evaluation and Market Reporting Team Leader of Gulf Power Company, a Florida Corporation, that the foregoing is true and correct to the best of his knowledge, information and belief. He is personally known to me.



\_\_\_\_\_  
John N. Floyd  
Economic Evaluation and Market  
Reporting Team Leader

Sworn to and subscribed before me this 29<sup>th</sup> day of April, 2008.



Melinda M. Mixon  
Notary Public, State of Florida at Large

**GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY  
ADJUSTED NET TRUE-UP**  
For the Period: January, 2007 Through December, 2007

	<u>          \$          </u>	<u>          \$          </u>
Actual		
1. Principal	1,522,872	
2. Interest	<u>74,784</u>	
3. Actual Over/(Under) Recovery Ending Balance		1,597,656
Estimated/Actual as filed September 14, 2007		
4. Principal	198,872	
5. Interest	<u>57,335</u>	
6. Total Estimated/Actual Over/(Under) Recovery		<u>256,207</u>
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		<u><u>1,341,449</u></u>

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY  
ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL compared to ESTIMATED/ACTUAL  
For the Period: January, 2007 Through December, 2007

	<u>Actual</u>	<u>Est/Actual</u>	<u>Difference</u>
	\$	\$	\$
1. Depreciation, Return & Property Tax	1,939,611.15	1,941,565.94	(1,954.79)
2. Payroll & Benefits	3,349,332.36	3,483,853.00	(134,520.64)
3. Materials & Supplies	4,041,287.87	4,865,399.00	(824,111.13)
4. Advertising	481,157.34	687,138.00	(205,980.66)
5. Adjustments	0.00	0.00	0.00
6. Other	0.00	0.00	0.00
7. Subtotal	9,811,388.72	10,977,955.94	(1,166,567.22)
8. Program Revenues	704,196.57	733,373.41	(29,176.84)
9. Total Program Costs	9,107,192.15	10,244,582.53	(1,137,390.38)
10. Less: Payroll Adjustment	0.00	0.00	0.00
11. Amounts Inc. in Base Rate	0.00	0.00	0.00
12. Conservation Adjustment Revenues	9,677,622.47	9,491,013.19	186,609.28
13. Rounding Adjustment	9,677,622.00	9,491,013.00	186,609.00
14. True-up Before Adjustment Over/(Under) Recovery	570,430	(753,570)	1,324,000
15. Interest Provision	74,784	57,335	17,449
16. Prior Period True-up	952,442	952,442	0
17. Other	0	0	0
18. End of Period True-up	1,597,656	256,207	1,341,449



GULF POWER COMPANY

CONSERVATION COSTS BY PROGRAM  
 VARIANCE ACTUAL Vs ESTIMATED/ACTUAL  
 For the Period: January, 2007 Through December, 2007

Program	Depr/Amort & Return	Payroll & Benefits	Materials & Expenses	Advertising	Other	Sub-Total	Program Revenues	Total
1. Residential Energy Surveys	0.00	(31,994.68)	(2,564.49)	(7,680.61)	0.00	(42,239.78)	0.00	(42,239.78)
2. Residential Geothermal Heat Pump	0.00	(20,549.40)	(103,417.02)	(110,064.27)	0.00	(234,030.69)	0.00	(234,030.69)
3. Good Cents <i>Select</i>	(1,954.79)	26,481.44	(619,709.40)	(228.78)	0.00	(595,411.53)	(29,176.84)	(566,234.69)
4. Commercial / Industrial Energy Analysis	0.00	(81,802.99)	(51,758.15)	(3,177.00)	0.00	(136,738.14)	0.00	(136,738.14)
5. GoodCents Commerical Buildings	0.00	(27,437.17)	(541.44)	(13,580.00)	0.00	(41,558.61)	0.00	(41,558.61)
6. Commercial Geothermal Heat Pump	0.00	(2,385.94)	9,357.10	0.00	0.00	6,971.16	0.00	6,971.16
7. Energy Services	0.00	0.00	(3,900.00)	0.00	0.00	(3,900.00)	0.00	(3,900.00)
8. Renewable Energy								
a. Solar for Schools	0.00	(2,397.65)	(209.68)	0.00	0.00	(2,607.33)	0.00	(2,607.33)
b. EarthCents Solar	0.00	7,810.84	(562.77)	(21,250.00)	0.00	(14,001.93)	0.00	(14,001.93)
c. Renewable Energy Initiatives	0.00	1,927.29	(31,298.12)	(50,000.00)	0.00	(79,370.83)	0.00	(79,370.83)
d. Total	0.00	7,340.48	(32,070.57)	(71,250.00)	0.00	(95,980.09)	0.00	(95,980.09)
9. Conservation Demonstration and Development	0.00	(4,172.38)	(19,507.16)	0.00	0.00	(23,679.54)	0.00	(23,679.54)
10. Total	(1,954.79)	(134,520.64)	(824,111.13)	(205,980.66)	0.00	(1,166,567.22)	(29,176.84)	(1,137,390.38)
11. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Total	(1,954.79)	(134,520.64)	(824,111.13)	(205,980.66)	0.00	(1,166,567.22)	(29,176.84)	(1,137,390.38)

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GULF POWER COMPANY

CONSERVATION COSTS BY PROGRAM  
ACTUAL EXPENSES  
For the Period: January, 2007 Through December, 2007

Program	Depreciation Property Taxes & Return on Investment	Payroll & Benefits	Materials & Expenses	Advertising	Other	Sub-Total	Program Revenues	Total
1. Residential Energy Surveys	1,812.05	781,711.32	90,149.51	195,770.39	0.00	1,069,443.27	0.00	1,069,443.27
2. Residential Geothermal Heat Pump	0.00	96,640.60	86,630.98	4,390.73	0.00	187,662.31	0.00	187,662.31
3. GoodCents <i>Select</i>	1,937,799.10	1,246,861.44	3,667,616.60	274,771.22	0.00	7,127,048.36	704,196.57	6,422,851.79
4. Commercial / Industrial Energy Analysis	0.00	515,166.01	64,314.85	895.00	0.00	580,375.86	0.00	580,375.86
5. GoodCents Commerical Buildings	0.00	592,414.83	67,351.56	1,580.00	0.00	661,346.39	0.00	661,346.39
6. Commercial Geothermal Heat Pump	0.00	49,274.06	25,857.10	0.00	0.00	75,131.16	0.00	75,131.16
7. Energy Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Renewable Energy								
a. Solar for Schools	0.00	334.35	446.32	0.00	0.00	780.67	0.00	780.67
b. EarthCents Solar	0.00	24,177.84	8,887.23	3,750.00	0.00	36,815.07	0.00	36,815.07
c. Renewable Energy Initiatives	0.00	25,212.29	29,015.88	0.00	0.00	54,228.17	0.00	54,228.17
d. Total	0.00	49,724.48	38,349.43	3,750.00	0.00	91,823.91	0.00	91,823.91
9. Conservation Demonstration and Development								
a. Electrode Boiler	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. McDonald's Geothermal Project	0.00	17,539.62	1,017.84	0.00	0.00	18,557.46	0.00	18,557.46
c. Total	0.00	17,539.62	1,017.84	0.00	0.00	18,557.46	0.00	18,557.46
10. Total	1,939,611.15	3,349,332.36	4,041,287.87	481,157.34	0.00	9,811,388.72	704,196.57	9,107,192.15

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GULF POWER COMPANY

CONSERVATION COSTS BY PROGRAM  
SUMMARY OF ACTUAL EXPENSES BY PROGRAM BY MONTH  
For the Period: January, 2007 Through December, 2007

PROGRAMS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Residential Energy Surveys	75,418.95	74,348.72	90,267.35	74,698.50	77,197.79	110,683.77	127,599.83	73,504.30	91,014.72	116,134.68	67,593.86	89,168.75	1,067,631.22
Amortization & Return on Investment	156.00	155.10	154.19	153.28	152.37	151.46	150.55	149.64	148.73	147.82	146.92	145.99	1,812.05
Total	75,574.95	74,503.82	90,421.54	74,851.78	77,350.16	110,835.23	127,750.38	73,653.94	91,163.45	116,282.50	67,740.78	89,314.74	1,069,443.27
2. Residential Geothermal Heat Pump	16,361.44	13,636.48	9,833.90	11,034.43	19,772.15	10,876.70	14,649.94	17,133.66	19,415.98	14,305.26	17,352.10	23,290.27	187,662.31
3. GoodCents Select	296,140.81	360,868.32	396,345.35	383,439.43	460,253.82	399,571.50	483,607.71	427,585.55	374,526.36	365,036.83	743,323.83	498,549.75	5,189,249.26
Amortization & Return on Investment	158,892.39	159,962.96	160,402.21	160,936.22	161,163.47	161,363.71	162,120.49	162,898.72	163,450.48	163,954.98	162,343.42	160,310.05	1,937,799.10
Total	455,033.20	520,831.28	556,747.56	544,375.65	621,417.29	560,935.21	645,728.20	590,484.27	537,976.84	528,991.81	905,667.25	658,859.80	7,127,048.36
4. Commercial / Industrial Energy Analysis	30,667.40	48,696.87	47,748.10	46,906.54	47,466.38	46,383.52	50,259.17	49,970.04	49,558.03	50,090.01	49,539.22	63,090.58	580,375.86
5. GoodCents Commercial Buildings	49,660.11	47,335.93	55,199.74	55,707.24	58,860.57	54,030.91	53,381.73	55,379.60	51,565.69	56,015.70	54,850.51	69,358.66	661,346.39
6. Commercial Geothermal Heat Pump	3,335.62	3,441.85	4,255.97	4,981.94	3,755.64	4,002.40	4,434.09	5,443.92	4,823.23	3,961.59	4,850.02	27,844.89	75,131.16
7. Energy Services	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
8. Renewable Energy													
a. Solar for Schools	83.46	55.53	(8.60)	112.49	87.67	50.63	46.53	226.73	(149.39)	106.31	232.94	(63.63)	780.67
b. EarthCents Solar	2,654.11	2,862.85	3,024.97	3,081.68	3,104.75	2,962.29	3,725.91	3,107.77	3,124.77	3,034.13	3,113.63	3,018.21	36,815.07
c. Renewable Energy Initiatives	2,049.85	3,142.82	2,039.28	1,994.96	2,563.28	2,379.10	2,311.39	2,277.94	10,452.69	(6,361.67)	24,786.50	6,592.03	54,228.17
d. Total	4,787.42	6,061.20	5,055.65	5,189.13	5,755.70	5,392.02	6,083.83	5,612.44	13,428.07	(3,221.23)	28,133.07	9,546.61	91,823.91
9. Conservation Demonstration and Development													
a. Electrode Boiler	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. McDonald's Geothermal Project	816.95	2,024.39	1,875.45	1,822.07	1,884.20	1,848.38	1,901.78	1,901.05	706.46	950.90	1,779.78	1,046.05	18,557.46
c. Total	816.95	2,024.39	1,875.45	1,822.07	1,884.20	1,848.38	1,901.78	1,901.05	706.46	950.90	1,779.78	1,046.05	18,557.46
10. Recoverable Conservation Expenses	636,237.09	716,531.82	771,137.91	744,868.78	836,262.09	794,304.37	904,189.12	799,578.92	768,637.75	767,376.54	1,129,912.73	942,351.60	9,811,388.72

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GULF POWER COMPANY  
ENERGY CONSERVATION ADJUSTMENT  
CALCULATION OF OVER/UNDER RECOVERY  
For the Period: January, 2007 through December, 2007

Conservation Revenues	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. GoodCents Select RSVP Fees	50,066.77	52,143.91	49,690.19	48,533.80	54,579.87	64,445.60	68,313.27	70,392.82	68,649.38	67,031.91	56,370.88	53,978.17	704,196.57
2. Over/(Under) Recovery	745,764.60	679,799.62	661,838.12	660,425.10	824,709.64	939,975.26	1,012,741.16	1,111,725.24	879,997.62	798,867.90	651,685.85	710,092.36	9,677,622.47
3. Total Revenues	795,831.37	731,943.53	711,528.31	708,958.90	879,289.51	1,004,420.86	1,081,054.43	1,182,118.06	948,647.00	865,899.81	708,056.73	764,070.53	10,381,819.04
4. Adjustment not Applicable to Period - Prior True Up	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	43,835.00	526,020.00
5. Conservation Revenues Applicable to Period	839,666.37	775,778.53	755,363.31	752,793.90	923,124.51	1,048,255.86	1,124,889.43	1,225,953.06	992,482.00	909,734.81	751,891.73	807,905.53	10,907,839.04
6. Conservation Expenses (CT-3, Page 3, Line 10)	636,237.09	716,531.82	771,137.91	744,868.78	836,262.09	794,304.37	904,189.12	799,578.92	768,637.75	767,376.54	1,129,912.73	942,351.60	9,811,388.72
7. True Up this Period (Line 5 - 6)	203,429.28	59,246.71	(15,774.60)	7,925.12	86,862.42	253,951.49	220,700.31	426,374.14	223,844.25	142,358.27	(378,021.00)	(134,446.07)	1,096,450.32
8. Interest Provision this Period (CT-3, Page 5, Line 11)	4,528.95	4,928.05	4,852.79	4,664.71	4,700.76	5,286.20	6,147.48	7,639.63	8,790.43	8,651.69	7,782.26	6,810.94	74,783.89
9. True Up & Interest Provision Beginning of Month	952,441.70	1,116,564.93	1,136,904.69	1,082,147.88	1,050,902.71	1,098,630.89	1,314,033.58	1,497,046.37	1,887,225.14	2,076,024.82	2,183,199.78	1,769,126.04	952,441.70
10. Prior True Up Collected or Refunded	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(43,835.00)	(526,020.00)
11. End of Period- Net True Up	1,116,564.93	1,136,904.69	1,082,147.88	1,050,902.71	1,098,630.89	1,314,033.58	1,497,046.37	1,887,225.14	2,076,024.82	2,183,199.78	1,769,126.04	1,597,655.91	1,597,655.91

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GULF POWER COMPANY  
 COMPUTATION OF INTEREST EXPENSE  
 ENERGY CONSERVATION ADJUSTMENT  
 For the Period: January, 2007 through December, 2007

Interest Provision	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Beginning True up Amount	952,441.70	1,116,564.93	1,136,904.69	1,082,147.88	1,050,902.71	1,098,630.89	1,314,033.58	1,497,046.37	1,887,225.14	2,076,024.82	2,183,199.78	1,769,126.04	
2. Ending True up before Interest	1,112,035.98	1,131,976.64	1,077,295.09	1,046,238.00	1,093,930.13	1,308,747.38	1,490,898.89	1,879,585.51	2,067,234.39	2,174,548.09	1,761,343.78	1,590,844.97	
3. Total beginning & ending	2,064,477.68	2,248,541.57	2,214,199.78	2,128,385.88	2,144,832.84	2,407,378.27	2,804,932.47	3,376,631.88	3,954,459.53	4,250,572.91	3,944,543.56	3,359,971.01	
4. Average True up Amount	1,032,238.84	1,124,270.79	1,107,099.89	1,064,192.94	1,072,416.42	1,203,689.14	1,402,466.24	1,688,315.94	1,977,229.77	2,125,286.46	1,972,271.78	1,679,985.51	
5. Interest Rate First Day Reporting Business Month	5.2700	5.2600	5.2600	5.2600	5.2600	5.2600	5.2800	5.2400	5.6200	5.0500	4.7200	4.7500	
6. Interest Rate First Day Subsequent Business Month	5.2600	5.2600	5.2600	5.2600	5.2600	5.2800	5.2400	5.6200	5.0500	4.7200	4.7500	4.9800	
7. Total of Lines 5 and 6	10.5300	10.5200	10.5200	10.5200	10.5200	10.5400	10.5200	10.8600	10.6700	9.7700	9.4700	9.7300	
8. Average Interest rate (50% of Line 7)	5.2650	5.2600	5.2600	5.2600	5.2600	5.2700	5.2600	5.4300	5.3350	4.8850	4.7350	4.8650	
9. Monthly Average Interest Rate Line 8 \ 12	0.004388	0.004383	0.004383	0.004383	0.004383	0.004392	0.004383	0.004525	0.004446	0.004071	0.003946	0.004054	
10. Interest Adjustment													
11. Interest Provision (Line 4 X 9)	4,528.95	4,928.05	4,852.79	4,664.71	4,700.76	5,286.20	6,147.48	7,639.63	8,790.43	8,651.69	7,782.26	6,810.94	74,783.89

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GULF POWER COMPANY  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
 GoodCents Select  
 For the Period January, 2007 Through December, 2007

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant In Service (Net of Retirements)		119,781.09	62,578.02	103,620.11	81,538.82	36,761.42	68,298.06	96,644.16	103,742.06	78,280.08	36,406.08	33,124.66	(14,407.18)	
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	9,429,660.54	9,549,441.63	9,612,019.65	9,715,639.76	9,797,178.58	9,833,940.00	9,902,238.06	9,998,882.22	10,102,624.28	10,180,904.36	10,217,310.44	10,250,435.10	10,236,027.92	
3 Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2)/2 * .0023		21,825.97	22,035.68	22,226.81	22,439.74	22,575.79	22,696.60	22,886.29	23,116.73	23,326.06	23,457.95	23,537.91	23,559.43	273,684.96
4 Retirements		(43,141.92)	(21,091.61)	(61,357.40)	(48,894.18)	(32,596.12)	(68,068.36)	(41,433.94)	(69,985.78)	(86,283.84)	(83,407.71)	(92,036.10)	(51,770.31)	
5 Cost of Removal and Salvage		28,608.00	(11,202.78)	0.00	19,641.77	12,004.87	45,568.08	6,987.94	32,770.89	52,498.20	45,067.88	61,148.45	8,789.31	
6 Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	130,005.37	137,297.42	127,038.71	87,908.12	81,095.45	83,079.99	83,276.31	71,716.60	57,618.44	47,158.86	32,276.98	24,927.24	5,505.67	
7 Net Plant In Service (CM Ln 2 - CM Ln 6)	9,299,655.17	9,412,144.21	9,484,980.94	9,627,731.64	9,716,083.13	9,750,860.01	9,818,961.75	9,927,165.62	10,045,005.84	10,133,745.50	10,185,033.46	10,225,507.86	10,230,522.25	
8 Net Additions/Reductions to CWIP	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	
9 CWIP Balance (PM Ln 9 + CM Ln 8)	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	
10 Inventory	3,645,736.63	3,690,561.34	3,642,912.60	3,527,576.48	3,479,878.69	3,423,782.62	3,393,838.94	3,367,698.68	3,283,927.01	3,233,713.97	3,222,892.18	2,783,351.39	2,741,758.20	
11 Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	12,945,391.80	13,102,705.55	13,127,893.54	13,155,308.12	13,195,961.82	13,174,642.63	13,212,800.69	13,294,864.30	13,328,932.85	13,367,459.47	13,407,925.64	13,008,859.25	12,972,280.45	
12 Average Net Investment (PM Ln 11 + CM Ln 11)/2	13,250,281.19	13,024,048.68	13,115,299.55	13,141,600.83	13,175,634.97	13,185,302.23	13,193,721.66	13,253,832.50	13,311,898.58	13,348,196.16	13,387,692.56	13,208,392.45	12,990,569.85	
13 Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14 Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		122,868.88	123,729.74	123,977.86	124,298.94	124,390.14	124,469.57	125,036.66	125,584.45	125,926.88	126,299.49	124,607.97	122,553.04	1,493,743.62
15 Property Tax		14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	14,197.54	170,370.52
16 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		158,892.39	159,962.96	160,402.21	160,936.22	161,163.47	161,363.71	162,120.49	162,898.72	163,450.48	163,954.98	162,343.42	160,310.05	1,937,799.10

Notes:  
 (A) GoodCents Select Property Additions Depreciated at 2.3% per year  
 (B) Return on Average Net Investment (including income taxes) is 11.3210%

8

GULF POWER COMPANY  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
 Flow Meter  
 For the Period January, 2007 Through December, 2007

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant in Service (Net of Retirements)														
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
3 Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2)/2 * .011905		96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	1,156.20
4 Retirements														
5 Salvage														
6 Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	2,312.42	2,408.77	2,505.12	2,601.47	2,697.82	2,794.17	2,890.52	2,986.87	3,083.22	3,179.57	3,275.92	3,372.27	3,468.62	
7 Net Plant In Service (CM Ln 2 - CM Ln 6)	5,781.14	5,684.79	5,588.44	5,492.09	5,395.74	5,299.39	5,203.04	5,106.69	5,010.34	4,913.99	4,817.64	4,721.29	4,624.94	
8 Net Additions/Reductions to CWIP	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	
9 CWIP Balance (PM Ln 9 + CM Ln 8)	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	
10 Inventory	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	
11 Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	5,781.14	5,684.79	5,588.44	5,492.09	5,395.74	5,299.39	5,203.04	5,106.69	5,010.34	4,913.99	4,817.64	4,721.29	4,624.94	
12 Average Net Investment (PM Ln 11 + CM Ln 11)/2	0.00	5,732.97	5,636.62	5,540.27	5,443.92	5,347.57	5,251.22	5,154.87	5,058.52	4,962.17	4,865.82	4,769.47	4,673.12	
13 Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14 Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		54.08	53.18	52.27	51.36	50.45	49.54	48.63	47.72	46.81	45.90	45.00	44.09	589.03
15 Property Tax		5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.55	66.82
16 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		156.00	155.10	154.19	153.28	152.37	151.46	150.55	149.64	148.73	147.82	146.92	145.99	1,812.05

Notes:  
 (A) Flow Meter is Seven year Property 14.286% per year  
 (B) Return on Average Net Investment (including income taxes) is 11.3210%

6

Florida Public Service Commission  
Docket No. 080002-EG  
Gulf Power Company  
Witness: John N. Floyd  
Exhibit No. \_\_\_\_\_ (JNF-1)  
Schedule CT-5  
Page 1 of 1

GULF POWER COMPANY

Reconciliation and Explanation of  
Differences Between Filing and FPSC Audit  
Report for Months, January, 2006 through December, 2006

(If no differences exist, please state.)

NO DIFFERENCES



Program Description and Progress

Program Title: Residential Energy Survey

Program Description: This program offers existing residential customers, and individuals and contractors building new homes, with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. Owners of existing homes may choose to have a Gulf Power representative conduct an on-site survey of their home, or they may opt to participate in either a mail-in or on-line interactive version of the survey known as the "Energy Check Up." Qualifying new home owners and contractors may request a survey of their final construction plans. Regardless of the options chosen, these surveys provide customers with specific whole-house recommendations.

Program Accomplishments: 5,650 residential energy surveys were completed compared to 5,862 projected surveys, a difference of 212 surveys under projection.

Program Fiscal Expenditures: Actual expenses were \$1,069,443 with projected expenses of \$1,111,683 resulting in a deviation of \$42,240 less than the projection. These expenses are under projection primarily due to less labor costs than projected.

Program Progress Summary: Since the approval of this program, Gulf has performed 152,078 residential energy surveys. This is a result of Gulf's promotional campaign to solicit energy surveys as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

Program Description and Progress

Program Title: Residential 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 Accomplishments: There were 180 units actually installed compared to 300 units projected by year end. An incentive increase was approved for this program June, 2007 in Docket No. 070119-EG in order to increase participation.

Program Fiscal Expenditures: Actual expenses for the period were \$187,662. Projected expenses were \$421,693 resulting in a deviation of \$234,031 under the projection.

Program Progress Summary: Education and training continue as vital components of this program. Since the inception, 2,329 geothermal systems have been installed.

Program Description and Progress

Program Title: 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 Accomplishments: There were 1,074 units actually installed for this program during the reporting period. The GoodCents *Select* installation goal was 3000 units with Gulf Power projecting 1,250 units by year end in Docket 070002-EG. Customer requests for installation have been fewer than anticipated. In addition, advancements in heating and cooling equipment efficiency and communications technology have somewhat narrowed the eligible customer base. Technology review meetings are taking place on a regular basis with the equipment manufacturer to develop cost-effective solutions that will broaden the eligible customer base.

Program Fiscal Expenditures: There were actual expenses of \$6,422,852 compared to projected net expenses of \$6,989,087. The program is under the projection by \$566,235 due to the fact that there are expenses associated with the program that have not been offset by planned installations and subsequent revenues from the program.

Program Progress Summary: As of December, 2007, there are 8,831 participating customers.

Program Description and Progress

Program Title: Commercial/Industrial Energy Analysis

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 from 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 semi-annual and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Accomplishments: There were 178 surveys completed for the period ending December, 2007. The goal was 300 surveys with Gulf Power projecting 200 surveys by year end in Docket 070002-EG.

Program Fiscal Expenditures: Actual expenses were \$580,376 for the period compared to projected expenses of \$717,114. The resulting deviation is \$136,738 under projection.

Program Progress Summary: A total of 18,492 E.A./T.A.A.'s have been completed since the program started in 1981. These audits have ranged from the 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: GoodCents Commercial Buildings

Program Description: This program is designed to educate commercial and industrial 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: There were 212 actual installations during the current period compared to 180 projected installations.

Program Fiscal Expenditures: There were \$661,346 actual expenses for the period. Projected expenses were \$702,904 resulting in a deviation of \$41,558 under the projection.

Program Progress Summary: A total of 9,037 commercial/industrial buildings have qualified for the GoodCents designation since the program was developed in 1977.

Program Description and Progress

Program Title: Commercial Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing commercial/industrial customers through the promotion and installation of advanced and emerging geothermal systems.

Program Accomplishments: There were 4 units actually installed for the year. The installation goal was 15 units with Gulf Power projecting 8 units by year end in Docket 070002-EG. An incentive increase was approved for this program June, 2007 in Docket No. 070119-EG in order to increase participation.

Program Fiscal Expenditures: There were actual expenses of \$75,131 for the recovery period compared to projected expenses of \$68,160 resulting in a deviation of \$6,971 over the projection.

Program Progress Summary: To date, 11 units have been installed.

Program Description and Progress

Program Title: Energy Services

Program Description: The Energy Services program is designed to establish the capability and process to offer advanced energy services, and energy efficient end-use equipment, that is customized to meet the individual needs of large customers. Potential projects are evaluated on a case by case basis and must be cost effective to qualify for incentives or rebates. Types of projects covered under this program would include demand reduction or efficiency improvement retrofits, such as lighting (fluorescent and incandescent), motor replacements, HVAC retrofit (including geothermal applications), and new electro-technologies.

Program Accomplishments: For the 2007 recovery period, at the meter reductions of 653,905 kWh, winter kW of 1,384 and summer kW of 1,834 were achieved. The projected results for this period were at the meter energy reductions of 1,178,470 kWh and at the meter demand reductions of 510 kW winter and 275 kW summer.

Program Fiscal Expenditures: There were no actual expenditures reported for the 2007 recovery period compared to projected expenses of \$3,900. These projects and their costs were undertaken by the customers primarily due to Gulf Power's continued presence in the marketplace and the direct economic benefit of these changes.

Program Progress Summary: Total reductions at the meter of 14,198,259 kWh, winter kW of 3,085 and summer kW of 4,806 have been achieved since this program was initiated.

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program is designed to encompass a variety of voluntary renewable and green energy programs under development by Gulf Power Company. The voluntary pricing options for customers will include, but not be limited to, EarthCents Solar (Photovoltaic Rate Rider) and the Solar for Schools program. Additionally, this program will include expenses necessary to prepare and implement a green energy pilot program utilizing landfill gas, wind, solar or other renewable energy sources.

Program Accomplishments:

EarthCents Solar (Photovoltaic Optional Rate Rider): The PV Rate Rider is an optional rate rider for Gulf Power Company's customers. Customers may purchase photovoltaic energy in 100-watt blocks. Multiple blocks may be purchased. Power purchased or produced from photovoltaic facilities may not be specifically delivered to the customer, but will displace power that would have otherwise been produced from traditional generating facilities. The construction of the photovoltaic facility or the purchase of power from photovoltaic facilities will begin upon the attainment of sufficient commitments from all participants across the Southern Company electric system where the option is available and, as necessary, after obtaining PSC approval. Customer billing will begin the second month following the date in which power is purchased from photovoltaic generating facilities or in which a photovoltaic generating facility of the Southern Company begins commercial operation. As of December, 2007, 62 customers have signed up for 82 100-watt blocks of energy.

Solar for Schools: The principle objective of the Solar for Schools program is to implement cost-effective solar education and demonstration projects at local educational facilities by means of voluntary contributions. The program also seeks to increase renewable energy and energy awareness among students, parents and contributors. Solar for Schools is a program that uses voluntary contributions to fund materials for energy education, permanent demonstration displays, rewards for science contests, and teacher education. Voluntary contributions are solicited from customers interested in renewable energy and/or helping to improve the quality of schools in the Gulf Power Company service area. Funds are collected through a "check-off"



mechanism on the utility bill or through a direct contribution and accumulated in an interest bearing account. When contributions reach an adequate level, they are directed to an educational facility for implementation of various solar educational programs and for the installation of solar equipment. Contributions are not used for administrative costs, program research or for promotion costs.

The Solar for Schools program has enabled Gulf Power to install a 4 kW PV solar system at each of the following institutions: the Junior Museum of Bay County in 2000, Meigs Middle School in Shalimar in 2003, West Florida High School of Advanced Technology in Pensacola in 2003, and Bay County High School in Panama City in 2004.

Renewable Energy Pilot: Initial research and investigation into this market has been inconclusive. More time will be needed to research renewable energy sources before additional expenses are warranted to this program.

Program Fiscal Expenditures: Actual expenses for this period were \$91,824 compared to projected expenses of \$187,804 which resulted in a deviation of \$95,980 under projection.

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 and 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:

Electrode Boiler - This project will measure overall energy performance and verify operation of a new 3.4mW Electrode Boiler and two new 200HP natural gas boilers which produce steam for the Escambia County Jail. The Electrode Boiler is an emerging technology that has the potential, coupled with a time varying rate such as RTP, to produce steam very efficiently.

After a number of delays since its inception in 2005, the Electrode Boiler CDD Project was installed and made ready for operation in 2007. For various reasons, including newness of the technology, relative costs of electricity and natural gas, operator proficiency, etc., the County has not yet operated the boiler for any extended period of time. A final report should be available by year-end, 2008.

McDonald's Geothermal Project - This is the first full Geothermal HVAC fast food restaurant to be constructed within Gulf Power Company's service area. The objective of this project is to demonstrate the energy and electrical demand benefits of this geothermal restaurant system as compared to other like restaurants operated by the same owner in the same geographic location. Additional benefits of developing a hot water consumption profile for this restaurant will be obtained within this project. Data collection for one year began January, 2008 and a final report should be available by year-end, 2009.

Program Fiscal Expenditures: Actual expenses were \$18,557 compared to projected expenses of \$42,236 resulting in a variance of \$23,679 under projection.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

ENERGY CONSERVATION COST  
RECOVERY CLAUSE

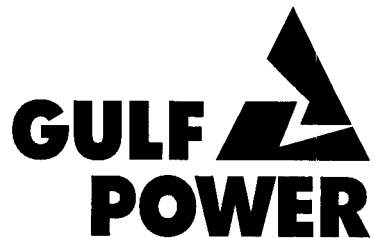
DOCKET NO. 080002-EG

PREPARED DIRECT TESTIMONY AND  
EXHIBIT OF  
JOHN N. FLOYD

Projection  
JANUARY – DECEMBER 2009

Estimated/Actual True-up  
JANUARY - DECEMBER 2008

September 12, 2008



A SOUTHERN COMPANY

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080002-EG EXHIBIT 7

COMPANY Gulf Power Co. (Direct)

WITNESS John N. Floyd (JNF-2)


DATE 11-04-08

AFFIDAVIT

STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA    )

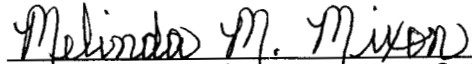
Docket No. 080002-EG

Before me the undersigned authority, personally appeared John N. Floyd, who being first duly sworn, deposes and says that he is the Economic Evaluation and Market Reporting Team Leader of Gulf Power Company, a Florida Corporation, that the foregoing is true and correct to the best of his knowledge, information and belief. He is personally known to me.

  
\_\_\_\_\_  
John N. Floyd  
Economic Evaluation and Market  
Reporting Team Leader

Sworn to and subscribed before me this 11<sup>th</sup> day of September, 2008.



  
\_\_\_\_\_  
Notary Public, State of Florida at Large

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY CLAUSE  
INDEX OF SCHEDULES

Schedule Number	Title	Pages
C-1	Summary of Cost Recovery Clause Calculation	1-3
C-2	Projected Program Costs for January 2009 - December 2009	4-7
C-3	Conservation Program Costs for January 2008 - July 2008 Actual August 2008 - December 2008 Estimated	8-13
C-4	Calculation of Conservation Revenues	14
C-5	Program Descriptions and Progress Reports	15-27
C-6	New ECCR Account Numbers Effective 01/01/2009	28-29

	<u>\$</u>
1. Net Program Costs: Projected for 2009 (Schedule C-2 Page 1 of 4, Line 14)	12,277,075
2. True Up: Estimated 2008 (Jan-Jul Actual; Aug-Dec Est.) (Schedule C-3, Page 3 of 6, Line 11)	<u>(2,589,496)</u>
3. Total (Line 1 + 2)	<u>9,687,579</u>
4. Cost Subject to Revenue Taxes	9,687,579
5. Revenue Tax	<u>1.00072</u>
6. Total Recoverable Cost	<u><u>9,694,554</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 4, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

7. Total Cost	9,694,554
8. Energy Related Costs (Line 16)	7,109,242
9. Demand Related Costs (Line 16)	2,585,312
10. Demand Costs Allocated on 12 CP	2,386,442
11. Demand Costs Allocated on 1/13 th	198,870

	Energy \$	Demand \$ Half of GCS	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes
	\$	\$	\$	\$	\$	\$
12. Est/Actual 2008	6,931,158	3,567,210	10,498,368	(1,710,816)	(880,544)	(2,591,360)
13. Percentage	66.02%	33.98%	100.00%			
14. Projected 2009	8,813,977	3,463,098	12,277,075	8,820,058	3,465,856	12,285,914
15. Percentage	71.79%	28.21%	100.00%			
16. Total				<u>7,109,242</u>	<u>2,585,312</u>	<u>9,694,554</u>

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY FACTORS  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
For the Period: January, 2009 Through December, 2009

Rate Class	A	B	C	D	E	F	G	H	I
<u>Rate Class</u>	<u>Average 12 CP Load Factor at Meter</u>	<u>Jan - Dec 2009 Projected KWH Sales at Meter</u>	<u>Projected Avg 12 CP KW at Meter</u>	<u>Demand Loss Expansion Factor</u>	<u>Energy Loss Expansion Factor</u>	<u>Jan - Dec 2009 Projected KWH Sales at Generation</u>	<u>Projected Avg 12 CP KW at Generation</u>	<u>Percentage of KWH Sales at Generation</u>	<u>Percentage of 12 CP KW Demand at Generation</u>
RS, RSVP	58.020395%	5,882,421,000	1,157,367.59	1.00486476	1.00530097	5,913,603,537	1,162,997.91	49.51975%	58.63493%
GS	63.781436%	344,451,000	61,649.43	1.00485887	1.00529775	346,275,815	61,948.98	2.89967%	3.12329%
GSD, GSDT, GSTOU	75.860452%	2,558,412,000	384,991.33	1.00470565	1.00516604	2,571,628,859	386,802.96	21.53448%	19.50147%
LP, LPT	86.886296%	1,946,852,000	255,786.46	0.98422595	0.98911989	1,925,670,036	251,751.67	16.12531%	12.69258%
PX, PXT, RTP, SBS	104.683592%	1,054,375,000	114,977.37	0.97443817	0.98057253	1,033,891,161	112,038.34	8.65767%	5.64864%
OS - I / II	321.885641%	117,699,000	4,174.14	1.00468934	1.00529485	118,322,199	4,193.71	0.99081%	0.21143%
OS-III	99.718369%	32,349,000	3,703.24	1.00511513	1.00526827	32,519,423	3,722.18	0.27231%	0.18766%
<b>TOTAL</b>		<u>11,936,559,000</u>	<u>1,982,649.56</u>			<u>11,941,911,030</u>	<u>1,983,455.75</u>	<u>100.00000%</u>	<u>100.00000%</u>

**Notes:**

Col A = Average 12 CP load factor based on actual 2006 load research data.  
Col C = Col B / (8760 hours x Col A), 8,760 is the number of hours in 12 months.  
Col F = Col B x Col E  
Col G = Col C x Col D  
Col H = Col F / Total Col F  
Col I = Col G / Total Col G

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY FACTORS  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
For the Period: January, 2009 Through December, 2009

<u>Rate Class</u>	A <u>Jan - Dec 2009 Percentage of KWH Sales at Generation</u>	B <u>Percentage of 12 CP KW Demand at Generation</u>	C <u>Demand Allocation 12CP</u>	D <u>1/13 th</u>	E <u>Energy Allocation</u>	F <u>Total Conservation Costs</u>	G <u>Jan - Dec 2009 Projected KWH Sales at Meter</u>	H <u>Conservation Recovery Factor cents per KWH</u>
RS, RSVP	49.51975%	58.63493%	\$1,399,288	\$98,479	\$3,520,479	\$5,018,246	5,882,421,000	0.085
GS	2.89967%	3.12329%	74,536	5,767	206,145	286,448	344,451,000	0.083
GSD, GSDT, GSTOU	21.53448%	19.50147%	465,391	42,826	1,530,938	2,039,155	2,558,412,000	0.080
LP, LPT	16.12531%	12.69258%	302,901	32,068	1,146,387	1,481,356	1,946,852,000	0.076
PX, PXT, RTP, SBS	8.65767%	5.64864%	134,802	17,218	615,495	767,515	1,054,375,000	0.073
OS - I / II	0.99081%	0.21143%	5,046	1,970	70,439	77,455	117,699,000	0.066
OS-III	0.27231%	0.18766%	4,478	542	19,359	24,379	32,349,000	0.075
<b>TOTAL</b>	<b>100.00000%</b>	<b>100.00000%</b>	<b>\$2,386,442</b>	<b>\$198,870</b>	<b>\$7,109,242</b>	<b>\$9,694,554</b>	<b>11,936,559,000</b>	

Notes:

Col A = Schedule C-1, page 2 of 3, col H  
Col B = Schedule C-1, page 2 of 3, col I  
Col C = C-1, page 1, line 10 \* col B  
Col D = C-1, page 1, line 11 \* col A  
Col E = C-1, page 1, line 8 \* col A  
Col G = Projected kWh sales for the period January 2009 through December 2009  
Col H = Col F / G



GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
PROJECTED CONSERVATION PROGRAM NET COSTS  
For the Period January, 2009 Through December, 2009

Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
1. Residential Energy Surveys	27,138	896,183	95,692	0	203,451	0	1,222,464	0	1,222,464
2. Residential Geothermal Heat Pump	0	119,539	20,494	0	2,500	399,600	542,133	0	542,133
3. GoodCents <i>Select</i>	1,949,853	1,416,588	4,157,420	0	275,000	0	7,798,861	872,665	6,926,196
4. Commercial / Industrial Energy Analysis	0	559,099	110,847	0	4,072	0	674,018	0	674,018
5. GoodCents Commercial Buildings	0	580,158	33,815	0	17,125	0	631,098	0	631,098
6. Commercial Geothermal Heat Pump	0	44,273	5,120	0	1,000	88,000	138,393	0	138,393
7. Energy Services	0	0	0	0	0	255,000	255,000	0	255,000
8. Renewable Energy									
a. Solar for Schools	0		500	0	0	0	500	0	500
b. EarthCents Solar	0	12,503	1,120	0	25,000	0	38,623	0	38,623
c. Renewable Energy Initiatives	0	148,781	115,240	0	0	0	264,021	0	264,021
9. Conservation Demonstration and Development	0	85,280	217,349	0	0	0	302,629	0	302,629
10. Solar Thermal Water Heating Program Pilot	0	0	147,000	0	50,000	75,000	272,000	0	272,000
11. Energy Education Program	0	75,000	135,000	0	800,000	0	1,010,000	0	1,010,000
12. Total All Programs	1,976,991	3,937,404	5,039,597	0	1,378,148	817,600	13,149,740	872,665	12,277,075
13. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
14. Net Program Costs	1,976,991	3,937,404	5,039,597	0	1,378,148	817,600	13,149,740	872,665	12,277,075

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GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)  
For the Period January, 2009 Through December, 2009

Programs

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	12 MONTH TOTAL	DEMAND COSTS	ENERGY COSTS
1. Residential Energy Surveys	110,567	76,650	79,215	129,389	83,269	127,705	172,191	81,149	78,941	121,516	85,990	75,882	1,222,464	0	1,222,464
2. Residential Geothermal Heat Pump	22,707	19,216	22,254	24,020	26,537	54,424	61,317	58,458	61,224	62,991	63,241	65,744	542,133	0	542,133
3. GoodCents <i>Select</i>	580,437	566,403	562,002	556,900	539,199	583,051	650,609	585,017	589,562	581,389	575,924	555,703	6,926,196	3,463,098	3,463,098
4. Commercial / Industrial Energy Analysis	92,611	46,656	49,984	48,526	54,674	49,635	72,316	49,309	48,758	50,337	61,397	49,815	674,018	0	674,018
5. GoodCents Commercial Buildings	68,322	46,888	48,283	48,386	48,510	48,918	72,232	48,858	49,218	51,533	50,360	49,590	631,098	0	631,098
6. Commercial Geothermal Heat Pump	12,499	10,836	10,936	10,936	10,936	10,936	12,649	10,936	10,936	12,936	11,936	11,921	138,393	0	138,393
7. Energy Services	21,250	21,250	21,250	21,250	21,250	21,250	21,250	21,250	21,250	21,250	21,250	21,250	255,000	0	255,000
8. Renewable Energy															
a. Solar for Schools	42	42	42	42	42	42	42	42	42	42	42	38	500	0	500
b. EarthCents Solar	1,864	1,404	6,027	7,037	1,551	1,473	1,966	1,493	1,503	7,097	6,097	1,111	38,623	0	38,623
c. Renewable Energy Initiatives	18,571	14,358	16,072	17,447	18,822	20,197	27,327	22,947	24,322	25,697	28,447	29,814	264,021	0	264,021
9. Conservation Demonstration and Development	16,760	12,734	40,339	13,904	16,647	42,950	22,054	19,136	45,162	21,210	24,492	27,241	302,629	0	302,629
10. Solar Thermal Water Heating Program Pilot	22,667	22,667	22,667	22,667	22,667	22,667	22,667	22,667	22,667	22,667	22,667	22,663	272,000	0	272,000
11. Energy Education Program	84,167	84,167	84,167	84,167	84,167	84,167	84,167	84,167	84,167	84,167	84,167	84,163	1,010,000	0	1,010,000
12. Total All Programs	1,052,464	923,271	963,238	984,671	928,271	1,067,415	1,220,787	1,005,429	1,037,752	1,062,832	1,036,010	994,935	12,277,075	3,463,098	8,813,977
13. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Recoverable Conservation Expenses	1,052,464	923,271	963,238	984,671	928,271	1,067,415	1,220,787	1,005,429	1,037,752	1,062,832	1,036,010	994,935	12,277,075	3,463,098	8,813,977

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GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
Residential Energy Surveys - Flow Meter, Thermal Imaging Tools, Display Cases  
For the Period January, 2009 Through December, 2009

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	
3.	Depreciation Expense (A)		1,286	1,286	1,286	1,286	1,286	1,286	1,286	1,286	1,286	1,286	1,286	1,286	15,432
4.	Cumulative Plant in Service Additions	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	108,094	
5.	Less: Accumulated Depreciation	4,625	5,911	7,197	8,483	9,769	11,055	12,341	13,627	14,913	16,199	17,485	18,771	20,057	
6.	Net Plant in Service (Line 4 - 5)	103,469	102,183	100,897	99,611	98,325	97,039	95,753	94,467	93,181	91,895	90,609	89,323	88,037	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	103,469	102,183	100,897	99,611	98,325	97,039	95,753	94,467	93,181	91,895	90,609	89,323	88,037	
11.	Average Net Investment		102,826	101,540	100,254	98,968	97,682	96,396	95,110	93,824	92,538	91,252	89,966	88,680	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		970	958	946	934	922	909	897	885	873	861	849	837	10,841
14.	Property Taxes		71	71	71	71	71	71	71	71	71	71	71	84	865
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		2,327	2,315	2,303	2,291	2,279	2,266	2,254	2,242	2,230	2,218	2,206	2,207	27,138

Notes:

- (A) Flow Meter, Thermal Imaging Tools and Display Cases Depreciated at 14.2857% per year  
(B) Revenue Requirement Return is 11.321%

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
GoodCents *Select*  
For the Period January, 2009 Through December, 2009

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		23,563	23,564	47,127	72,737	149,082	203,128	258,915	263,593	200,963	163,164	137,781	83,702	
2.	Depreciation Base	10,303,591	10,327,154	10,350,718	10,397,845	10,470,582	10,619,664	10,822,792	11,081,707	11,345,300	11,546,263	11,709,427	11,847,208	11,930,910	
3.	Depreciation Expense (A)		23,725	23,780	23,861	23,999	24,254	24,659	25,190	25,791	26,325	26,744	27,090	27,345	302,763
4.	Cumulative Plant in Service Additions	10,303,591	10,327,154	10,350,718	10,397,845	10,470,582	10,619,664	10,822,792	11,081,707	11,345,300	11,546,263	11,709,427	11,847,208	11,930,910	
5.	Less: Accumulated Depreciation	69,327	93,052	116,832	140,693	164,692	188,946	213,605	238,795	264,586	290,911	317,655	344,745	372,090	
6.	Net Plant in Service (Line 4 - 5)	10,234,264	10,234,102	10,233,886	10,257,152	10,305,890	10,430,718	10,609,187	10,842,912	11,080,714	11,255,352	11,391,772	11,502,463	11,558,820	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	2,381,920	2,353,401	2,324,883	2,296,364	2,478,136	2,643,995	2,768,080	2,858,933	2,915,006	2,970,707	3,062,654	3,176,475	3,216,826	
10.	Net Investment (Line 6 + 8 + 9)	12,616,184	12,587,503	12,558,769	12,553,516	12,784,026	13,074,713	13,377,267	13,701,845	13,995,720	14,226,059	14,454,426	14,678,938	14,775,646	
11.	Average Net Investment		12,601,843	12,573,136	12,556,142	12,668,771	12,929,369	13,225,990	13,539,556	13,848,782	14,110,889	14,340,242	14,566,682	14,727,292	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		118,886	118,615	118,455	119,517	121,976	124,774	127,732	130,649	133,122	135,286	137,422	138,937	1,525,371
14.	Property Taxes		10,143	10,143	10,143	10,143	10,143	10,143	10,143	10,143	10,143	10,143	10,143	10,146	121,719
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		152,754	152,538	152,459	153,659	156,373	159,576	163,065	166,583	169,590	172,173	174,655	176,428	1,949,853

Notes:  
(A) GoodCents *Select* Property Additions Depreciated at 2.8% per year  
(B) Revenue Requirement Return is 11.321%

Florida Public Service Commission  
Docket No. 080002-EG  
GULF POWER COMPANY  
Witness: John N. Floyd  
Exhibit No. \_\_\_\_\_ (JNF-2)  
Schedule C-2  
Page 4 of 4

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
CONSERVATION PROGRAM NET COST  
January, 2008 Through July, 2008, Actual  
August, 2008 Through December, 2008, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials Vehicles & Expenses	Advertising	Total Costs	Program Fees	Net Costs
<b>1. Residential Energy Surveys</b>							
a. Actual	994.64	476,708.49	48,446.16	103,886.44	630,035.73	0.00	630,035.73
b. Estimated	683.17	310,901.51	50,673.84	99,564.56	461,823.08	0.00	461,823.08
c. Total	1,677.81	787,610.00	99,120.00	203,451.00	1,091,858.81	0.00	1,091,858.81
<b>2. Residential Geothermal Heat Pump</b>							
a. Actual	0.00	51,355.87	64,209.35	2,118.88	117,684.10	0.00	117,684.10
b. Estimated	0.00	63,282.13	118,127.65	381.12	181,790.90	0.00	181,790.90
c. Total	0.00	114,638.00	182,337.00	2,500.00	299,475.00	0.00	299,475.00
<b>3. GoodCents Select</b>							
a. Actual	1,105,832.88	737,817.18	1,743,758.65	33,027.53	3,620,436.24	417,103.25	3,203,332.99
b. Estimated	784,566.81	643,968.82	1,843,476.35	241,972.47	3,513,984.45	339,994.00	3,173,990.45
c. Total	1,890,399.69	1,381,786.00	3,587,235.00	275,000.00	7,134,420.69	757,097.25	6,377,323.44
<b>4. Commercial / Industrial Energy Analysis</b>							
a. Actual	0.00	248,234.30	107,335.55	0.00	355,569.85	0.00	355,569.85
b. Estimated	0.00	293,172.70	39,653.45	4,072.00	336,898.15	0.00	336,898.15
c. Total	0.00	541,407.00	146,989.00	4,072.00	692,468.00	0.00	692,468.00
<b>5. GoodCents Commercial Buildings</b>							
a. Actual	0.00	328,002.93	39,216.81	2,366.00	369,585.74	0.00	369,585.74
b. Estimated	0.00	318,698.07	29,216.19	14,759.00	362,673.26	0.00	362,673.26
c. Total	0.00	646,701.00	68,433.00	17,125.00	732,259.00	0.00	732,259.00
<b>6. Commercial Geothermal Heat Pump</b>							
a. Actual	0.00	32,944.82	4,622.06	0.00	37,566.88	0.00	37,566.88
b. Estimated	0.00	29,511.18	86,377.94	0.00	115,889.12	0.00	115,889.12
c. Total	0.00	62,456.00	91,000.00	0.00	153,456.00	0.00	153,456.00
<b>7. Energy Services</b>							
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated	0.00	0.00	55,000.00	0.00	55,000.00	0.00	55,000.00
c. Total	0.00	0.00	55,000.00	0.00	55,000.00	0.00	55,000.00
<b>8. Renewable Energy</b>							
<b>a. Solar for Schools</b>							
a. Actual	0.00	199.54	0.00	0.00	199.54	0.00	199.54
b. Estimated	0.00	2,623.46	656.00	0.00	3,279.46	0.00	3,279.46
c. Total	0.00	2,823.00	656.00	0.00	3,479.00	0.00	3,479.00
<b>b. EarthCents Solar</b>							
a. Actual	0.00	1,656.32	5,585.10	2,809.82	10,051.24	0.00	10,051.24
b. Estimated	0.00	4,932.68	5,065.90	2,190.18	12,188.76	0.00	12,188.76
c. Total	0.00	6,589.00	10,651.00	5,000.00	22,240.00	0.00	22,240.00
<b>c. Renewable Energy Initiatives</b>							
a. Actual	0.00	16,171.12	63,853.07	0.00	80,024.19	0.00	80,024.19
b. Estimated	0.00	58,706.88	51,470.93	0.00	110,177.81	0.00	110,177.81
c. Total	0.00	74,878.00	115,324.00	0.00	190,202.00	0.00	190,202.00
<b>9. Conservation Demonstration and Development</b>							
a. Electrode Boiler	0.00	4,108.52	2,982.73	0.00	7,091.25	0.00	7,091.25
b. McDonald's Geothermal Project	0.00	4,108.52	35.48	0.00	4,144.00	0.00	4,144.00
c. UWF BEST House	0.00	4,108.53	25,035.52	0.00	29,144.05	0.00	29,144.05
d. Total Actual	0.00	12,325.57	28,053.73	0.00	40,379.30	0.00	40,379.30
e. Estimated	0.00	17,004.43	66,125.27	0.00	83,129.70	0.00	83,129.70
f. Total	0.00	29,330.00	94,179.00	0.00	123,509.00	0.00	123,509.00
<b>10. a. Actual</b>							
	1,106,827.52	1,905,416.14	2,105,080.48	144,208.67	5,261,532.81	417,103.25	4,844,429.56
<b>b. Estimated</b>							
	785,249.98	1,742,801.86	2,345,843.52	362,939.33	5,236,834.69	339,994.00	4,896,840.69
<b>11. Total All Programs</b>							
	1,892,077.50	3,648,218.00	4,450,924.00	507,148.00	10,498,367.50	757,097.25	9,741,270.25

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
CONSERVATION PROGRAM COSTS (Exclusive of Program Fees)  
For the Period January, 2008 Through July, 2008, Actual  
August, 2008 Through December, 2008, Estimated

	ACTUAL							ESTIMATED							TOTAL ACTUAL & ESTIMATED COSTS
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	TOTAL ACT	AUG	SEP	OCT	NOV	DEC	TOTAL EST	
1. Residential Energy Surveys	67,813.48	132,367.93	98,912.15	76,724.53	77,197.15	86,469.95	90,550.54	630,035.73	92,365.00	92,365.00	92,365.00	92,365.00	92,363.08	461,823.08	1,091,858.81
2. Residential Geothermal Heat Pump	12,305.79	17,986.16	17,560.76	15,794.85	23,159.23	21,356.78	9,520.53	117,684.10	36,358.00	36,358.00	36,358.00	36,358.00	36,358.90	181,790.90	299,475.00
3. GoodCents <i>Select</i>	536,261.32	524,657.66	494,851.04	548,529.97	488,413.56	523,005.96	504,716.73	3,620,436.24	702,797.00	702,797.00	702,797.00	702,797.00	702,796.45	3,513,984.45	7,134,420.69
4. Commercial / Industrial Energy Analysis	64,270.74	43,486.62	49,668.64	45,093.26	38,857.24	71,096.29	43,097.06	355,569.85	67,380.00	67,380.00	67,380.00	67,380.00	67,378.15	336,898.15	692,468.00
5. GoodCents Commercial Buildings	45,564.24	50,862.47	61,309.35	52,795.92	53,160.20	47,867.80	58,025.76	369,585.74	72,535.00	72,535.00	72,535.00	72,535.00	72,533.26	362,673.26	732,259.00
6. Commercial Geothermal Heat Pump	3,636.40	5,454.44	5,908.68	5,693.93	7,688.58	4,955.62	4,229.23	37,566.88	23,178.00	23,178.00	23,178.00	23,178.00	23,177.12	115,889.12	153,456.00
7. Energy Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,000.00	11,000.00	11,000.00	11,000.00	11,000.00	55,000.00	55,000.00
8. Renewable Energy															
a. Solar for Schools	39.49	33.16	(0.75)	44.37	194.97	(163.34)	51.64	199.54	656.00	656.00	656.00	656.00	655.46	3,279.46	3,479.00
b. Earth Cents Solar	803.85	1,632.25	1,308.00	1,971.74	1,261.82	1,524.85	1,548.73	10,051.24	2,438.00	2,438.00	2,438.00	2,438.00	2,436.76	12,188.76	22,240.00
c. Renewable Energy Initiatives	2,037.02	5,325.91	9,766.51	9,873.29	16,819.22	11,959.69	24,242.55	80,024.19	22,036.00	22,036.00	22,036.00	22,036.00	22,033.81	110,177.81	190,202.00
9. Conservation Demonstration and Development															
a. Electrode Boiler	465.26	679.30	600.95	582.77	3,559.67	593.41	609.89	7,091.25	16,626.00	16,626.00	16,626.00	16,626.00	16,625.70	83,129.70	123,509.00
b. McDonald's Geothermal Project	465.26	679.30	600.95	582.77	612.42	593.41	609.89	4,144.00							
c. UWF BEST House	465.27	679.32	600.95	582.78	612.41	593.42	25,609.90	29,144.05							
10. Total All Programs	734,128.12	783,844.52	741,087.23	758,270.18	711,536.47	769,853.84	762,812.45	5,261,532.81	1,047,369.00	1,047,369.00	1,047,369.00	1,047,369.00	1,047,358.69	5,236,834.69	10,498,367.50
11. 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
12. Net Recoverable Expenses	734,128.12	783,844.52	741,087.23	758,270.18	711,536.47	769,853.84	762,812.45	5,261,532.81	1,047,369.00	1,047,369.00	1,047,369.00	1,047,369.00	1,047,358.69	5,236,834.69	10,498,367.50

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GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
ESTIMATED TRUE-UP  
For the Period: January, 2008 through December, 2008

<u>Conservation Revenues</u>	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. GoodCents Select Program Revenues	56,692.33	54,486.25	56,221.82	53,353.99	57,512.63	68,130.39	70,705.84	67,692.00	67,845.00	67,999.00	68,152.00	68,306.00	757,097.25
2. Conservation Revenues	<u>876,512.03</u>	<u>736,302.66</u>	<u>718,077.49</u>	<u>744,687.91</u>	<u>930,117.91</u>	<u>1,041,818.46</u>	<u>1,144,449.26</u>	<u>1,138,880.71</u>	<u>952,229.03</u>	<u>843,029.04</u>	<u>711,581.44</u>	<u>831,618.61</u>	<u>10,669,304.55</u>
3. Total Revenues	933,204.36	790,788.91	774,299.31	798,041.90	987,630.54	1,109,948.85	1,215,155.10	1,206,572.71	1,020,074.03	911,028.04	779,733.44	899,924.61	11,426,401.80
4. Adjustment not Applicable to Period - Prior True Up	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>21,350.58</u>	<u>256,206.96</u>
5. Conservation Revenues Applicable to Period	954,554.94	812,139.49	795,649.89	819,392.48	1,008,981.12	1,131,299.43	1,236,505.68	1,227,923.29	1,041,424.61	932,378.62	801,084.02	921,275.19	11,682,608.76
6. Conservation Expenses (C-3, Page 2 of 6, Line 12)	<u>734,128.12</u>	<u>783,844.52</u>	<u>741,087.23</u>	<u>758,270.18</u>	<u>711,536.48</u>	<u>769,853.83</u>	<u>762,812.45</u>	<u>1,047,369.00</u>	<u>1,047,369.00</u>	<u>1,047,369.00</u>	<u>1,047,369.00</u>	<u>1,047,358.69</u>	<u>10,498,367.50</u>
7. True Up this Period (Line 5 - 6)	220,426.82	28,294.97	54,562.66	61,122.30	297,444.64	361,445.60	473,693.23	180,554.29	(5,944.39)	(114,990.38)	(246,284.98)	(126,083.50)	1,184,241.26
8. Interest Provision this Period (C-3 Page 4 of 6, Line 10)	5,699.74	4,635.15	4,355.34	4,265.38	4,465.58	4,770.65	5,597.45	6,219.12	6,365.87	6,212.45	5,814.38	5,404.21	63,805.32
9. True Up & Interest Provision Beginning of Month	1,597,655.91	1,802,431.89	1,814,011.43	1,851,578.85	1,895,615.95	2,176,175.59	2,521,041.26	2,978,981.36	3,144,404.19	3,123,475.09	2,993,346.58	2,731,525.40	1,597,655.91
10. Prior True Up Collected or Refunded	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(21,350.58)</u>	<u>(256,206.96)</u>
11. End of Period- Net True Up (Line 7 + 8 + 9 + 10)	<u>1,802,431.89</u>	<u>1,814,011.43</u>	<u>1,851,578.85</u>	<u>1,895,615.95</u>	<u>2,176,175.59</u>	<u>2,521,041.26</u>	<u>2,978,981.36</u>	<u>3,144,404.19</u>	<u>3,123,475.09</u>	<u>2,993,346.58</u>	<u>2,731,525.40</u>	<u>2,589,495.53</u>	<u>2,589,495.53</u>

Florida Public Service Commission  
Docket No. 080002-EG  
GULF POWER COMPANY  
Witness: John N. Floyd  
Exhibit No. \_\_\_\_\_ (JNF-2)  
Schedule C-3  
Page 3 of 6

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
INTEREST CALCULATION  
For the Period: January, 2008 through December, 2008

<u>Interest Provision</u>	<u>ACTUAL JAN</u>	<u>ACTUAL FEB</u>	<u>ACTUAL MARCH</u>	<u>ACTUAL APRIL</u>	<u>ACTUAL MAY</u>	<u>ACTUAL JUNE</u>	<u>ACTUAL JULY</u>	<u>ESTIMATED AUGUST</u>	<u>ESTIMATED SEPTEMBER</u>	<u>ESTIMATED OCTOBER</u>	<u>ESTIMATED NOVEMBER</u>	<u>ESTIMATED DECEMBER</u>	<u>TOTAL</u>
1. Beginning True up Amount	1,597,655.91	1,802,431.89	1,814,011.43	1,851,578.85	1,895,615.95	2,176,175.59	2,521,041.26	2,978,981.36	3,144,404.19	3,123,475.09	2,993,346.58	2,731,525.40	
2. Ending True up before Interest	1,796,732.15	1,809,376.27	1,847,223.51	1,891,350.57	2,171,710.01	2,516,270.61	2,973,383.91	3,138,185.07	3,117,109.22	2,987,134.13	2,725,711.02	2,584,091.32	
3. Total Beginning & Ending Balances	3,394,388.06	3,611,808.16	3,661,234.95	3,742,929.43	4,067,325.97	4,692,446.21	5,494,425.18	6,117,166.44	6,261,513.40	6,110,609.21	5,719,057.60	5,315,616.72	
4. Average True Up Amount	1,697,194.03	1,805,904.08	1,830,617.48	1,871,464.71	2,033,662.98	2,346,223.11	2,747,212.59	3,058,583.21	3,130,756.69	3,055,304.60	2,859,528.79	2,657,808.35	
5. Interest Rate First Day (Reporting Business Month)	4.98	3.08	3.08	2.63	2.84	2.43	2.45	2.44	2.44	2.44	2.44	2.44	
6. Interest Rate First Day (Subsequent Business Month)	3.08	3.08	2.63	2.84	2.43	2.45	2.44	2.44	2.44	2.44	2.44	2.44	
7. Total of Lines 5 and 6	8.06	6.16	5.71	5.47	5.27	4.88	4.89	4.88	4.88	4.88	4.88	4.88	
8. Average Interest rate (50% of Line 7)	4.0300	3.0800	2.8550	2.7350	2.6350	2.4400	2.4450	2.4400	2.4400	2.4400	2.4400	2.4400	
9. Monthly Average Interest Rate Line 8 / 12 months	0.003358	0.002567	0.002379	0.002279	0.002196	0.002033	0.002038	0.002033	0.002033	0.002033	0.002033	0.002033	
10. Interest Provision (Line 4 * 9)	5,699.74	4,635.15	4,355.34	4,265.38	4,465.58	4,770.65	5,597.45	6,219.12	6,365.87	6,212.45	5,814.38	5,404.21	63,805.32

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GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
RESIDENTIAL ENERGY SURVEYS - FLOW METER  
For the Period January, 2008 Through December, 2008

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments Added to Plant In Service		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.	Depreciable Base	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
3.	Depreciation Expense (A)		96.35	96.35	96.35	96.35	96.35	96.36	96.35	96.35	96.35	96.35	96.35	96.35	1,156.21
4.	Cumulative Plant in Service Additions	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
5.	Salvage, Cost of Removal and Retirement	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	
6.	Less: Accumulated Depreciation	3,468.62	3,564.97	3,661.32	3,757.67	3,854.02	3,950.37	4,046.73	4,143.08	4,239.43	4,335.78	4,432.13	4,528.48	4,624.83	
7.	Net Plant In Service (Line 4 - 6)	4,624.94	4,528.59	4,432.24	4,335.89	4,239.54	4,143.19	4,046.83	3,950.48	3,854.13	3,757.78	3,661.43	3,565.08	3,468.73	
8.	Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9.	CWIP Balance	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	
10.	Inventory	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	
11.	Net Investment	4,624.94	4,528.59	4,432.24	4,335.89	4,239.54	4,143.19	4,046.83	3,950.48	3,854.13	3,757.78	3,661.43	3,565.08	3,468.73	
12.	Average Net Investment		4,576.77	4,480.42	4,384.07	4,287.72	4,191.37	4,095.01	3,998.66	3,902.31	3,805.96	3,709.61	3,613.26	3,516.91	
13.	Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14.	Return Requirement on Average Net Investment		43.18	42.27	41.36	40.45	39.54	38.63	37.72	36.81	35.91	35.00	34.09	33.18	458.14
15.	Property Tax		5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.27	63.46
16.	Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		144.82	143.91	143.00	142.09	141.18	140.28	139.36	138.45	137.55	136.64	135.73	134.80	1,677.81

Notes:

- (A) Flow Meter is Seven year Property 1.1905% per month  
(B) Revenue Requirement Return (includes Income Taxes) is 11.321%

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
GOODCENTS SELECT  
For the Period January, 2008 Through December, 2008

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments Added to Plant In Service		11,309.43	(26,772.03)	8,529.79	(5,525.95)	(10,153.42)	(52,504.75)	24,862.31	23,563.47	23,563.47	23,563.47	23,563.47	23,563.47	
2.	Depreciable Base	10,236,027.92	10,247,337.35	10,220,565.32	10,229,095.11	10,223,569.16	10,213,415.74	10,160,910.99	10,185,773.30	10,209,336.77	10,232,900.24	10,256,463.71	10,280,027.18	10,303,590.65	
3.	Depreciation Expense (A)		23,555.67	23,538.09	23,517.11	23,520.56	23,502.53	23,430.48	23,398.69	23,454.38	23,508.57	23,562.77	23,616.96	23,671.16	282,277.17
4.	Cumulative Plant in Service Additions	10,236,027.92	10,247,337.35	10,220,565.32	10,229,095.11	10,223,569.16	10,213,415.74	10,160,910.99	10,185,773.30	10,209,336.77	10,232,900.24	10,256,463.71	10,280,027.18	10,303,590.65	
5.	Salvage, Cost of Removal and Retirement		(19,329.00)	(27,098.52)	(30,983.91)	(21,109.50)	(56,573.63)	(18,677.60)	(44,683.62)						
6.	Less: Accumulated Depreciation	5,505.67	9,732.54	6,172.11	(1,294.69)	1,116.37	(31,954.73)	(27,201.85)	(48,486.78)	(25,032.40)	(1,523.83)	22,038.94	45,655.90	69,327.06	
7.	Net Plant In Service (Line 4 - 6)	10,230,522.25	10,237,604.81	10,214,393.21	10,230,389.80	10,222,452.79	10,245,370.47	10,188,112.84	10,234,260.08	10,234,369.17	10,234,424.07	10,234,424.77	10,234,371.28	10,234,263.59	
8.	Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9.	CWIP Balance	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	
10.	Inventory	2,741,758.20	2,720,730.89	2,742,680.23	2,731,922.93	2,729,252.64	2,729,569.13	2,729,158.48	2,756,432.30	2,654,680.00	2,626,161.00	2,597,643.00	2,569,124.00	2,381,920.00	
11.	Net Investment	12,972,280.45	12,958,335.70	12,957,073.44	12,962,312.73	12,951,705.43	12,974,939.60	12,917,271.32	12,990,692.38	12,889,049.17	12,860,585.07	12,832,067.77	12,803,495.28	12,616,183.59	
12.	Average Net Investment		12,965,308.08	12,957,704.58	12,959,893.09	12,957,009.09	12,963,322.52	12,946,105.47	12,953,981.86	12,939,870.78	12,874,817.12	12,846,326.42	12,817,781.53	12,709,839.44	
13.	Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14.	Return Requirement on Average Net Investment		122,314.72	122,242.98	122,261.74	122,236.42	122,295.98	122,133.56	122,207.86	122,074.74	121,461.02	121,192.24	120,922.95	119,904.63	1,461,248.84
15.	Property Tax		12,239.47	12,239.47	12,239.47	12,239.47	12,239.47	12,239.47	12,239.47	12,239.47	12,239.47	12,239.47	12,239.47	12,239.51	146,873.68
16.	Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		158,110.06	158,020.54	158,018.32	157,996.45	158,037.98	157,803.51	157,846.02	157,768.59	157,209.06	156,994.48	156,779.38	155,815.30	1,890,399.69

Notes:  
(A) GoodCents Select Property Additions Depreciated at 2.8% per year  
(B) Revenue Requirement Return (includes Income Taxes) is 11.321%

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Florida Public Service Commission  
Docket No. 080002-EG  
GULF POWER COMPANY  
Witness: John N. Floyd  
Exhibit No. \_\_\_\_\_  
(JNF-2)  
Schedule C-3  
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GULF POWER COMPANY  
CALCULATION OF CONSERVATION REVENUES  
For the Period: August, 2008 Through December, 2008

	<u>Month</u>	<u>Projected MWH Sales</u>	<u>Rate (Avg Cents/KWH)</u>	<u>Clause Revenue Net of Revenue Taxes ( \$ )</u>
1.	08/2008	1,236,563	0.09210050	1,138,880.71
2.	09/2008	1,038,055	0.09173204	952,229.03
3.	10/2008	922,925	0.09134318	843,029.04
4.	11/2008	781,196	0.09108873	711,581.44
5.	12/2008	908,085	0.09157938	831,618.61

Program Description and Progress

Program Title: Residential Energy Survey

Program Description: This program offers existing residential customers, and individuals and contractors building new homes, energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. Owners of existing homes may choose to have a Gulf Power representative conduct an on-site survey of their home, or they may opt to participate in either a mail-in or on-line interactive version of the survey known as the "Energy Check Up." Qualifying new home owners and contractors may request a survey of their final construction plans. Regardless of the options chosen, these surveys provide customers with specific whole-house recommendations.

Program Projections: For the period January 2009 through December 2009, the Company expects to conduct 6,823 surveys and incur expenses totaling \$1,222,464.

Program Accomplishments: During the first seven months of 2008, 2,114 surveys have been conducted. The total projection for 2008 is 6,261 surveys.

Program Fiscal Expenditures: Actual expenses for January through July 2008 were \$630,036 compared to a budget of \$660,109 for the same period. This results in a difference of \$30,073 or 4.6% under budget.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 154,192 residential energy surveys. This is a result of Gulf Power's promotional campaign to solicit energy surveys as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

Program Description and Progress

Program Title: Residential 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 300 units during the 2009 period and expenses of \$542,133. Gulf Power Company's program includes promotion, rebates, education, training, and estimated heating and cooling savings for new and existing home customers.

Program Accomplishments: During the current recovery period, 42 geothermal heat pump units have been installed thus far. The total projection for 2008 is 300 units.

Program Fiscal Expenditures: For the first seven months of the 2008 recovery period, expenses were projected to be \$230,218 compared to actual expenses of \$117,684 for a deviation of \$112,534 or 48.9% below budget.

Program Progress Summary: To date, 2,315 units have been installed.

Program Description and Progress

Program Title: 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 the 2009 projection period, Gulf Power plans to have 1,250 installations. This projection assumes that Gulf will receive delivery of new and upgraded equipment from its manufacturer in April 2009. The program expenses are projected to be \$1,949,853 in depreciation, return on investment and property taxes; \$1,416,588 for payroll and benefits; \$4,157,420 for materials and expenses; and \$275,000 in advertising. These expenses totaling \$7,798,861 will be partially offset by projected program revenues of \$872,665 for a net total of \$6,926,196.

Program Accomplishments: Due to the equipment shortage, and associated suspension of active promotion of this program, there has been a net reduction of 37 units during the first seven months of 2008. It is anticipated that there will be 100 systems installed by the end of the year.

Program Fiscal Expenditures: There were projected expenses of \$3,932,197 for the period January through July 2008 with actual expenses of \$3,203,333. This results in a deviation of \$728,864 or 18.5% under budget.

Program Progress Summary: As of July 2008, there are 8,794 participating customers.

Program Description and Progress

Program Title: Commercial/Industrial Energy Analysis

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 from 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 semi-annual and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Projections: For the period January 2009 through December 2009, the Company expects to conduct 300 audits and incur expenses totaling \$674,018.

Program Accomplishments: During the January through July 2008 period, actual results were 133 audits. The total projection for 2008 is 300 audits.

Program Fiscal Expenditures: Forecasted expenses were \$393,075 for the first seven months of 2008 compared to actual expenses of \$355,570 for a deviation of \$37,505 or 9.5% under budget.

Program Progress Summary: A total of 18,497 audits have been completed since the program's inception.

Program Description and Progress

Program Title: GoodCents Commercial Buildings

Program Description: This program is designed to educate commercial and industrial customers on the most cost-effective methods of designing new buildings 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 2009 recovery period, Gulf expects to certify 180 GoodCents Buildings and incur expenses totaling \$631,098.

Program Accomplishments: Certification of 88 buildings has been achieved during January through July 2008. The total projection for 2008 is 180 buildings.

Program Fiscal Expenditures: Forecasted expenses for January through July 2008 were \$417,419 compared to actual expenses of \$369,586 for a deviation of \$47,833 or 11.5% under budget.

Program Progress Summary: A total of 9,047 commercial buildings have qualified for the GoodCents certification since the program was developed in 1977.



Program Description and Progress

Program Title: Commercial Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing commercial/industrial customers through the promotion and installation of advanced and emerging geothermal systems.

Program Projections: Gulf estimates the installation of 20 units during the 2009 period and expenses of \$138,393. Gulf Power Company will promote these systems by providing: estimates of heating and cooling operating costs to commercial customers installing geothermal heat pumps in commercial facilities; \$400/ton incentive for commercial, full closed loop projects or \$200/ton for hybrid closed loop projects.

Program Accomplishments: During the January through July 2008 period, there was 1 unit installed. The total projection for 2008 is 20 units.

Program Fiscal Expenditures: Forecasted expenses for January through July, 2008 were \$87,179 compared to actual expenses of \$37,567 for a deviation of \$49,612 or 56.9% under budget.

Program Progress Summary: To date, nine units have been installed.

Program Description and Progress

Program Title: Energy Services

Program Description: The Energy Services program is designed to establish the capability and process to offer advanced energy services, and energy efficient end-use equipment, that is customized to meet the individual needs of large customers. Potential projects are evaluated on a case-by-case basis and must be cost effective to qualify for incentives or rebates. Types of projects covered under this program would include demand reduction or efficiency improvement retrofits, such as lighting (fluorescent and incandescent), motor replacements, HVAC retrofit (including geothermal applications), and new electro-technologies.

Program Projections: For the 2009 recovery period, Gulf projects at the meter energy reductions of 1,178,470 kWh, and at the meter demand reductions of 510 kW winter and 275 kW summer. Expenses are expected to total \$255,000.

Program Accomplishments: For the period January through July 2008, there have been no reported reductions resulting from Energy Services. The total projection for 2008 includes at the meter energy reductions of 1,178,470 kWh, and at the meter demand reductions of 510 kW winter and 275 kW summer.

Program Fiscal Expenditures: Forecasted expenses for January through July 2008 were \$148,750 with no expenses incurred during this period.

Program Progress Summary: Total reductions at the meter of 22,986,905 kWh, 3,044 kW winter and 4,784 kW summer reductions have been achieved since this program was initiated.

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program is designed to encompass a variety of voluntary renewable and green energy programs under development by Gulf Power Company. The voluntary pricing options for customers will include, but not be limited to, EarthCents Solar (Photovoltaic Rate Rider) and the Solar for Schools program. Additionally, this program will include expenses necessary to prepare and implement a renewable energy pilot program utilizing landfill gas, wind, solar or other renewable energy sources.

Program Accomplishments:

**EarthCents Solar (Photovoltaic (PV) Optional Rate Rider):** The PV Rate Rider is an optional rate rider for Gulf Power Company's customers. Customers may purchase photovoltaic energy in 100-watt blocks. Multiple blocks may be purchased. Power purchased or produced from photovoltaic facilities may not be specifically delivered to the customer, but will displace power that would have otherwise been produced from traditional generating facilities. The construction of the photovoltaic facility or the purchase of power from photovoltaic facilities will begin upon the attainment of sufficient commitments from all participants across the Southern Company electric system where the option is available and, as necessary, after obtaining PSC approval. Customer billing will begin the second month following the date in which power is purchased from photovoltaic generating facilities or in which a photovoltaic generating facility of the Southern Company begins commercial operation. As of July 2008, 60 customers have signed up for 76 100-watt blocks of energy.

**Solar for Schools:** The principle objective of the Solar for Schools program is to implement cost-effective solar education and demonstration projects at local educational facilities by means of voluntary contributions. The program also seeks to increase renewable energy and energy awareness among students, parents and contributors. Solar for Schools is a program that uses voluntary contributions to fund materials for energy education, permanent demonstration

displays, rewards for science contests, and teacher education. Voluntary contributions are solicited from customers interested in renewable energy and/or helping to improve the quality of schools in the Gulf Power Company service area. Funds are collected through a "check-off" mechanism on the utility bill or through a direct contribution and accumulated in an interest bearing account. When contributions reach an adequate level, they are directed to an educational facility for implementation of various solar educational programs and for the installation of solar equipment. Contributions are not used for administrative costs, program research or for promotion costs.

The Solar for Schools program has enabled Gulf Power to install a 4 kW PV solar system at each of the following institutions: the Junior Museum of Bay County in 2000, Meigs Middle School in Shalimar in 2003, West Florida High School of Advanced Technology in Pensacola in 2003, and Bay County High School in Panama City in 2004.

**Renewable Energy Pilot:** Gulf continues to evaluate and develop renewable energy sources and offerings. During 2008, Gulf added resources to further evaluate several renewable energy generation options including landfill gas, biomass, municipal solid waste, and solar PV projects. Gulf also continues to evaluate opportunities for demand-side renewable energy programs as part of our renewable initiatives.

Program Fiscal Expenditures: Program expenses were forecasted at \$185,332 for the period January through July 2008 compared to actual expenses of \$90,275 for a deviation of \$95,057 or 51.3% under budget. Actual expenses were as follows: Solar for Schools, \$200; EarthCents Solar, \$10,051; and Renewable Energy Pilot initiatives, \$80,024.

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 and 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:

**McDonald's Geothermal Project** - This is the first full Geothermal HVAC fast food restaurant to be constructed within Gulf Power Company's service area. The objective of this project is to demonstrate the energy and electrical demand benefits of this geothermal restaurant system as compared to other like restaurants operated by the same owner in the same geographic location. Additional benefits of developing a hot water consumption profile for this restaurant will be obtained within this project. Data collection for one year began January, 2008 and a final report should be available by year-end, 2009.

**UWF BEST House** - Gulf Power has entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build The BEST (Build Educate Sustain Technology) House. This is a demonstration house that will be used as an educational tool and resource for Northwest Florida.

The BEST House program's intent is to provide a home featuring energy-efficient, sustainable design techniques available to the median homebuilder and buyer of today. The 3,300 square foot, three-bedroom home is a study model featuring passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a geothermal heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products. The most ambitious goal, however, is to make this an *off-grid* project with photovoltaic panels and a battery array substantial enough to supply all of the electrical power needed on site with an excess that can be sold.

Gulf Power is acting as the primary Energy Consultant to all end uses and new technologies that will continue to be donated to this project. Gulf Power will pay for the purchase, installation and monitoring of equipment that will provide data on a wide variety of energy and water end uses.

Currently, the construction document package is in the final production stage and site clearing will begin when an existing waste line has been moved. Construction is expected to commence by November, 2008 with a projected completion date in December, 2009.

Through July 2008, Gulf Power has spent \$29,144 which includes \$25,000 in expenses and \$5,144 for labor and support. Gulf Power anticipates additional expenses of \$75,000 in 2009.

**Electrode Boiler** - This project will measure overall energy performance and verify operation of a new 3.4mW Electrode Boiler and two new 200HP natural gas boilers which produce steam for the Escambia County Jail. The Electrode Boiler is an emerging technology that has the potential, coupled with a time varying rate such as RTP, to produce steam very efficiently.

After a number of delays since its inception in 2005, the Electrode Boiler CDD Project was installed and made ready for operation in 2007. For various reasons, including newness of the technology, relative costs of electricity and natural gas, operator proficiency, etc., the County has not yet operated the boiler for any extended period of time. A final report should be available by year-end, 2008.

Program Fiscal Expenditures: Program expenses were forecasted at \$106,048 for the period January through July 2008 compared to actual expenses of \$40,379 for a deviation of \$65,669 or 61.9% under budget. Project expenses were as follows: Electrode Boiler, \$7,091; McDonald's Geothermal, \$4,144; UWF BEST House, \$29,144.

Program Description and Progress

Program Title: Solar Thermal Water Heating Program Pilot

Program Description: Gulf Power filed the Solar Thermal Water Heating program for approval with the Commission in June, 2008. The proposed program is a three-year pilot designed to gauge utility customer interest in, and acceptance of, solar thermal water heating. Gulf will offer a \$1,000 rebate payable to customers after a qualifying system has been installed by the customer and inspected by Company personnel. Gulf Power also proposes to demonstrate solar thermal water heating in a low-income multi-family application and is working with a planned low-income development to facilitate installation of these systems in approximately 88 apartment units.

Program Projections: Gulf projects a maximum of 75 participants per year during this pilot phase. Expenses for the three year pilot are expected to total \$793,000 with \$272,000 in the first year, \$253,000 in the second year and \$268,000 in the third.

Program Accomplishments: N/A - Pending approval

Program Fiscal Expenditures: N/A - Pending approval

Program Progress Summary: N/A - Pending approval

Program Description and Progress

Program Title: Energy Education Program

Program Description: Gulf Power filed the Energy Education Program for approval with the Commission in June, 2008. The objective of this program is to raise awareness of energy efficiency and conservation and to increase participation in conservation opportunities, including Gulf's existing and future energy efficiency and conservation programs. The Program will consist of four components:

1. Consumer Awareness
2. School-Based Education
  - a. Science Teacher Training
  - b. Eighth Grade Instructional Assistance
3. Community-Based Education
4. Contractor Education

The Program will serve as a mechanism to increase education and awareness of conservation principles not traditionally promoted through existing programs, such as renewable energy alternatives. Finally, the Program will help foster understanding among current and future generations of the importance of meeting future energy needs through an increased reliance on energy efficiency and conservation.

Program Projections: Gulf projects expenses of \$1,010,000 for the 2009 recovery period and \$960,000 for each subsequent year.

Program Accomplishments: N/A - Pending approval

Program Fiscal Expenditures: N/A - Pending approval

Program Progress Summary: N/A - Pending approval



**New ECCR Account Numbers Effective 01/01/2009**

<b>NEW - EWO</b>	<b>OLD - FERCSUB</b>	<b>DESCRIPTION</b>
ME116	90801115	ECCR - RES ENERGY AUDITS - LABOR
ME116	90801116	ECCR - RES ENERGY AUDITS - OTHER
ME118	90801117	ECCR - RES MAIL-IN AUDIT - LABOR
ME118	90801118	ECCR - RES MAIL-IN AUDIT - OTHER
ME120	90801119	ECCR - RES - NEW HOME AUDIT - LABOR
ME120	90801120	ECCR - RES NEW HOME AUDIT - OTHER
ME151	90801150	ECCR - RES GEOTHERMAL HEAT PUMP - LABOR
ME151	90801151	ECCR - RES GEOTHERMAL HEAT PUMP - OTHER
ME161	90801160	ECCR - RES GOODCENTS SELECT - LABOR
ME161	90801161	ECCR - RES GOODCENTS SELECT - OTHER
ME201	90801200	ECCR - COM/IND GOOD CENTS BLDG LABOR
ME201	90801201	ECCR - COM/IND GOOD CENTS BLDG - OTHER
ME211	90801210	ECCR - SOLAR FOR SCHOOLS - LABOR
ME211	90801211	ECCR - SOLAR FOR SCHOOLS - OTHER
ME216	90801215	ECCR - COM ENERGY AUDIT/TECH ASSIST - LABOR
ME216	90801216	ECCR - COM ENERGY AUDIT/TECH ASSIST - OTHER
ME218	90801217	ECCR - COM MAIL-IN AUDIT - LABOR
ME218	90801218	ECCR - COM MAIL-IN AUDIT - OTHER
ME251	90801250	ECCR - COM GEOTHERMAL HEAT PUMP - LABOR
ME251	90801251	ECCR - COM GEOTHERMAL HEAT PUMP - OTHER
ME256	90801255	ECCR - COM DSM ENERGY SERVICE - LABOR
ME256	90801256	ECCR - COM DSM ENERGY SERVICE - OTHER
ME316	90801315	ECCR - IND ENERGY AUDIT/TECH ASSIST - LABOR
ME316	90801316	ECCR - IND ENERGY AUDIT/TECH ASSIST - OTHER
ME331	90801330	ECCR - IND COGENERATION - LABOR
ME331	90801331	ECCR - IND COGENERATION - OTHER
ME671	90801670	ECCR - RESEARCH & DEVELOPMENT - LABOR
ME671	90801671	ECCR - RESEARCH & DEVELOPMENT - OTHER
ME876	90801875	ECCR - EARTHCENTS SOLAR - LABOR
ME876	90801876	ECCR - EARTHCENTS SOLAR - OTHER
ME881	90801880	ECCR - RENEWABLE ENERGY - LABOR
ME881	90801881	ECCR - RENEWABLE ENERGY - OTHER

**NOTE: Use Resource Type code Lxx to determine labor**

**New ECCR Account Numbers Effective 01/01/2009**  
(Continued)

<b>NEW - EWO</b>	<b>OLD - FERCSUB</b>	<b>DESCRIPTION</b>
ME116A	90901115	ECCR - RES ENERGY AUDITS - LABOR - ADVERTISING
ME116A	90901116	ECCR - RES ENERGY AUDITS - OTHER - ADVERTISING
ME118A	90901117	ECCR - RES MAIL-IN AUDIT - LABOR - ADVERTISING
ME118A	90901118	ECCR - RES MAIL-IN AUDIT - OTHER - ADVERTISING
ME120A	90901119	ECCR - NEW HOME AUDIT - LABOR - ADVERTISING
ME120A	90901120	ECCR - NEW HOME AUDIT - OTHER - ADVERTISING
ME151A	90901150	ECCR - RES GEOTHERMAL HEAT PUMP - LABOR - ADVERTISING
ME151A	90901151	ECCR - RES GEOTHERMAL HEAT PUMP - OTHER - ADVERTISING
ME161A	90901160	ECCR - RES GOODCENTS SELECT - LABOR - ADVERTISING
ME161A	90901161	ECCR - RES GOODCENTS SELECT - OTHER - ADVERTISING
ME201A	90901200	ECCR - COM/IND GOODCENTS BLDG - LABOR - ADVERTISING
ME201A	90901201	ECCR - COM/IND GOODCENTS BLDG - OTHER - ADVERTISING
ME216A	90901215	ECCR - COM ENERGY AUD/TECH ASSIST - LABOR - ADVERTISING
ME216A	90901216	ECCR - COM ENERGY AUD/TECH ASSIST - OTHER - ADVERTISING
ME876A	90901875	ECCR - EARTHCENTS SOLAR - LABOR - ADVERTISING
ME876A	90901876	ECCR - EARTHCENTS SOLAR - OTHER - ADVERTISING
ME881A	90901880	ECCR - RENEWABLE ENERGY - LABOR - ADVERTISING
ME881A	90901881	ECCR - RENEWABLE ENERGY - OTHER - ADVERTISING

**NOTE: Use Resource Type code Lxx to determine labor**

PROGRESS ENERGY FLORIDA

ENERGY CONSERVATION ADJUSTED NET TRUE-UP  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

LINE  
 NO.

1	ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY		
2	BEGINNING BALANCE		
3	PRINCIPAL (CT 3, PAGE 2 of 3)	(\$11,529,794)	
4	INTEREST (CT 3, PAGE 2 of 3)	(13,478,865)	
5	PRIOR TRUE-UP REFUND	(696,483)	
6	ADJUSTMENTS	11,529,794	
		<u>1,521</u>	(\$14,173,827)
7	LESS: ESTIMATED TRUE-UP FROM SEPTEMBER 2007		
8	PROJECTION FILING (OVER) / UNDER RECOVERY		
9	BEGINNING BALANCE	(\$11,529,794)	
10	PRINCIPAL	(11,854,753)	
11	INTEREST	(672,634)	
12	PRIOR TRUE-UP REFUND	11,529,794	
13	ADJUSTMENTS	<u>0</u>	(\$12,527,387)
14	VARIANCE TO PROJECTION		<u>(\$1,646,440)</u>

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080002-EG EXHIBIT 8  
 COMPANY Progress Energy Fla, Inc (Direct)  
 WITNESS John A. Masiello (JAM-1T)  
 DATE 11-04-08

PROGRESS ENERGY FLORIDA

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
 ACTUAL VS. ESTIMATED  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	1,454,691	1,360,748	93,943
2	PAYROLL AND BENEFITS	11,518,999	10,292,050	1,226,949
3	MATERIALS AND SUPPLIES	986,616	1,171,018	(184,402)
4	OUTSIDE SERVICES	4,083,845	4,582,975	(499,131)
5	ADVERTISING	8,003,338	6,915,648	1,087,689
6	INCENTIVES	39,069,978	42,089,511	(3,019,532)
7	VEHICLES	0	0	0
8	OTHER	1,992,408	2,569,559	(577,151)
9	PROGRAM REVENUES	(60)	(30)	(30)
10	TOTAL PROGRAM COSTS	67,109,815	68,981,479	(1,871,664)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	69,058,886	69,306,438	(247,552)
13	PRIOR TRUE-UP	11,528,273	11,529,794	(1,521)
14	TRUE-UP BEFORE INTEREST	(13,477,344)	(11,854,753)	(1,622,591)
15	AUDIT ADJUSTMENT	0	0	0
16	INTEREST PROVISION	(696,483)	(672,634)	(23,849)
17	END OF PERIOD TRUE-UP	(14,173,827)	(12,527,387)	(1,646,440)

( ) REFLECTS OVERRECOVERY

PROGRESS ENERGY FLORIDA

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

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	37,369	1,648	3,452	221,643	670,561	0	1,816	936,489	0	936,489
2	RESIDENTIAL NEW CONSTRUCTION	0	686,623	43,143	66,634	310,111	454,322	0	111,876	1,672,709	0	1,672,709
3	HOME ENERGY IMPROVEMENT	3,479	413,976	20,718	30,830	2,557,175	2,145,543	0	29,568	5,201,289	0	5,201,289
4	COMM / IND NEW CONSTRUCTION	0	22,613	8,226	8,603	7,176	428,762	0	1,494	476,874	0	476,874
5	HOME ENERGY CHECK	1,352	2,255,959	276,353	169,774	2,912,374	21	0	205,137	5,820,970	(60)	5,820,910
6	LOW INCOME	0	80,861	369	0	43,139	23,982	0	19,898	168,249	0	168,249
7	RENEWABLE ENERGY SAVER	0	33,713	3,867	77,561	256,536	100,800	0	3,148	475,625	0	475,625
8	NEIGHBORHOOD ENERGY SAVER	0	391,136	62	403,893	60,099	0	0	1,631	856,820	0	856,820
9	BUSINESS ENERGY CHECK	61	1,028,515	31,180	271,965	52,341	0	0	126,093	1,510,155	0	1,510,155
10	QUALIFYING FACILITY	0	421,660	1,991	6,761	0	0	0	23,755	454,167	0	454,167
11	INNOVATION INCENTIVE	0	18,192	2,160	4,084	0	2,340	0	645	27,421	0	27,421
12	TECHNOLOGY DEVELOPMENT	34	27,728	(26,319)	408,050	5,099	0	0	55,226	469,818	0	469,818
13	STANDBY GENERATION	0	155,844	29,317	94,919	0	842,672	0	54,839	1,177,591	0	1,177,591
14	INTERRUPT LOAD MANAGEMENT	0	147,802	20,416	0	0	17,271,996	0	22,715	17,462,929	0	17,462,929
15	CURTAIL LOAD MANAGEMENT	0	2,268	15	0	0	780,231	0	766	783,279	0	783,279
16	RESIDENTIAL LOAD MANAGEMENT	1,441,915	1,448,462	25,703	1,234,155	840,868	15,751,373	0	96,639	20,839,113	0	20,839,113
17	COMMERCIAL LOAD MANAGEMENT	0	0	0	0	0	597,375	0	0	597,375	0	597,375
18	CONSERVATION PROGRAM ADMIN	7,850	4,346,280	547,768	1,303,165	736,776	0	0	1,237,163	8,179,002	0	8,179,002
19	TOTAL ALL PROGRAMS	1,454,691	11,518,999	986,616	4,083,845	8,003,338	39,069,978	0	1,992,408	67,109,875	(60)	67,109,815

PROGRESS ENERGY FLORIDA  
VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS  
12 MONTHS ACTUAL VERSUS 12 MONTHS ESTIMATED  
FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

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	(2,997)	(9,595)	(28,765)	57,093	21,425	0	(2,069)	35,092	0	35,092
2	RESIDENTIAL NEW CONSTRUCTION	0	65,392	17,618	(9,569)	4,397	(294,646)	0	26,676	(190,132)	0	(190,132)
3	HOME ENERGY IMPROVEMENT	205	(98,999)	(14,150)	(35,630)	435,647	(275,994)	0	(31,356)	(20,277)	0	(20,277)
4	COMM / IND NEW CONSTRUCTION	0	(1,171)	(9,595)	(28,765)	(2,800)	31,235	0	(1,869)	(12,965)	0	(12,965)
5	HOME ENERGY CHECK	13	346,613	(51,295)	(226,802)	(232,678)	21	0	(70,515)	(234,643)	(30)	(234,673)
6	LOW INCOME	0	46,340	(4,492)	(14,380)	(4,000)	(3,392)	0	9,074	29,150	0	29,150
7	RENEWABLE ENERGY SAVER	0	30,952	1,890	70,009	193,334	27,000	0	2,645	325,831	0	325,831
8	NEIGHBORHOOD ENERGY SAVER	0	383,457	0	403,893	9,718	(600,000)	0	22	197,089	0	197,089
9	BUSINESS ENERGY CHECK	0	19,199	(7,691)	140,592	28,115	0	0	(52,289)	127,926	0	127,926
10	QUALIFYING FACILITY	0	(25,339)	604	(4,555)	0	0	0	(1,489)	(30,779)	0	(30,779)
11	INNOVATION INCENTIVE	0	5,600	1,030	(81)	(5,050)	(80,000)	0	605	(77,896)	0	(77,896)
12	TECHNOLOGY DEVELOPMENT	34	(87,166)	(161,144)	(850,111)	5,099	0	0	(141,569)	(1,234,857)	0	(1,234,857)
13	STANDBY GENERATION	0	23,653	323	48,292	0	(552,224)	0	19,097	(460,859)	0	(460,859)
14	INTERRUPT LOAD MANAGEMENT	0	15,574	(8,280)	(18,945)	0	(844,101)	0	(37,861)	(893,613)	0	(893,613)
15	CURTAIL LOAD MANAGEMENT	0	1,268	(1,568)	(290)	0	(221,554)	0	(1,034)	(223,178)	0	(223,178)
16	RESIDENTIAL LOAD MANAGEMENT	93,086	11,726	(76,694)	(665,911)	506,948	(140,760)	0	(3,638)	(275,244)	0	(275,244)
17	COMMERCIAL LOAD MANAGEMENT	0	(14,000)	0	(75,000)	(915)	(86,542)	0	0	(176,457)	0	(176,457)
18	CONSERVATION PROGRAM ADMIN	605	506,848	138,638	796,888	92,781	0	0	(291,581)	1,244,179	0	1,244,179
19	TOTAL ALL PROGRAMS	93,943	1,226,949	(184,402)	(499,131)	1,087,689	(3,019,532)	0	(577,151)	(1,871,634)	(30)	(1,871,664)

PROGRESS ENERGY FLORIDA

PROJECTED ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

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	40,366	11,243	32,217	164,550	649,136	0	3,885	901,397	0	901,397
2	RESIDENTIAL NEW CONSTRUCTION	0	621,231	25,525	76,203	305,714	748,968	0	85,200	1,862,841	0	1,862,841
3	HOME ENERGY IMPROVEMENT	3,274	512,975	34,868	66,460	2,121,528	2,421,537	0	60,924	5,221,566	0	5,221,566
4	C/I NEW CONSTRUCTION	0	23,784	17,821	37,368	9,976	397,527	0	3,363	489,839	0	489,839
5	HOME ENERGY CHECK	1,339	1,909,346	327,648	396,576	3,145,052	0	0	275,652	6,055,613	(30)	6,055,583
6	LOW INCOME	0	34,521	4,861	14,380	47,139	27,374	0	10,824	139,099	0	139,099
7	RENEWABLE ENERGY SAVER	0	2,761	1,977	7,552	63,202	73,800	0	503	149,794	0	149,794
8	NEIGHBORHOOD ENERGY SAVER	0	7,679	62	0	50,382	600,000	0	1,609	659,731	0	659,731
9	BUSINESS ENERGY CHECK	61	1,009,316	38,871	131,373	24,226	0	0	178,382	1,382,229	0	1,382,229
10	QUALIFYING FACILITY	0	446,999	1,387	11,316	0	0	0	25,244	484,946	0	484,946
11	INNOVATION INCENTIVE	0	12,592	1,130	4,165	5,050	82,340	0	40	105,317	0	105,317
12	TECHNOLOGY DEVELOPMENT	0	114,894	134,825	1,258,161	0	0	0	196,795	1,704,675	0	1,704,675
13	STANDBY GENERATION	0	132,190	28,994	46,627	0	1,394,896	0	35,742	1,638,450	0	1,638,450
14	INTERRUPTIBLE SERVICE	0	132,228	28,696	18,945	0	18,116,097	0	60,576	18,356,542	0	18,356,542
15	CURTAILABLE SERVICE	0	1,000	1,583	290	0	1,001,784	0	1,799	1,006,457	0	1,006,457
16	RES ENERGY MANGMNT-ADMIN	1,348,829	1,436,736	102,397	1,900,065	333,920	15,892,133	0	100,277	21,114,357	0	21,114,357
17	COM ENERGY MANGMNT-ADMIN	0	14,000	0	75,000	915	683,918	0	0	773,833	0	773,833
18	CONSERVATION PROGRAM ADMIN	7,245	3,839,432	409,130	506,277	643,995	0	0	1,528,744	6,934,823	0	6,934,823
19	TOTAL ALL PROGRAMS	1,360,748	10,292,050	1,171,018	4,582,975	6,915,648	42,089,511	0	2,569,559	68,981,509	(30)	68,981,479

PROGRESS ENERGY FLORIDA

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

PROGRAM TITLE	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTAL
BETTER BUSINESS	330	83,257	19,392	14,731	116,849	34,641	104,676	2,483	124,604	127,494	211,718	96,314	936,489
RESIDENTIAL NEW CONSTRUCTION	75,507	123,936	109,149	105,859	198,475	233,281	63,636	107,989	106,928	155,525	192,516	199,908	1,672,709
HOME ENERGY IMPROVEMENT	207,507	532,033	198,873	643,743	493,399	382,011	868,068	332,862	211,685	756,149	326,534	248,425	5,201,289
COMM / IND NEW CONSTRUCTION	77,793	1,430	21,492	18,582	16,801	17,180	22,900	62,545	131,708	5,358	33,847	67,238	476,874
HOME ENERGY CHECK	180,737	565,595	204,083	626,875	573,435	420,301	818,999	347,887	272,558	722,882	567,123	520,495	5,820,970
LOW INCOME	3,827	12,990	15,282	9,516	13,697	6,075	9,054	14,126	8,791	19,489	37,999	17,403	168,249
RENEWABLE ENERGY SAVER	0	1,750	50,874	8,849	7,261	17,759	18,302	16,978	53,369	80,332	152,670	67,482	475,625
NEIGHBORHOOD ENERGY SAVER	0	0	659	604	2,235	11,419	6,614	10,933	131,091	7,263	544,787	141,216	856,820
BUSINESS ENERGY CHECK	58,014	91,733	103,103	100,716	149,601	168,333	111,904	154,078	129,326	129,303	190,180	123,864	1,510,155
QUALIFYING FACILITY	24,361	32,701	30,958	39,182	32,383	57,675	43,324	30,236	30,388	41,986	52,534	38,439	454,167
INNOVATION INCENTIVE	0	0	2,340	0	0	0	0	4,347	4,383	6,243	5,528	4,580	27,421
TECHNOLOGY DEVELOPMENT	5,706	12,337	(26,482)	1,670	14,839	111,523	73,596	2,126	67,799	4,227	39,468	167,009	469,818
STANDBY GENERATION	8,040	15,507	171,451	15,212	11,845	221,634	113,719	119,601	120,411	133,902	128,706	117,963	1,177,591
INTERRUPT LOAD MANAGEMENT	1,350,184	1,619,707	1,360,528	1,558,622	1,383,071	1,299,334	1,410,683	1,390,375	1,369,282	1,318,840	1,625,153	1,777,149	17,462,929
CURTAIL LOAD MANAGEMENT	57,493	69,668	66,409	62,187	65,973	61,496	67,250	70,384	69,467	64,252	73,406	55,294	783,279
RESIDENTIAL LOAD MANAGEMENT	1,800,265	2,189,680	2,071,664	1,138,284	1,221,391	1,420,823	1,511,507	1,806,979	1,703,971	1,844,712	2,227,215	1,902,823	20,839,113
COMMERCIAL LOAD MANAGEMENT	100,922	95,807	(57,805)	97,673	109,311	(70,277)	57,528	53,957	57,768	54,249	54,341	43,902	597,375
CONSERVATION PROGRAM ADMIN	365,149	442,280	538,591	615,414	678,255	520,431	667,252	740,499	716,749	904,133	675,523	1,314,726	8,179,002
TOTAL ALL PROGRAMS	4,315,836	5,890,410	4,880,560	5,057,719	5,088,822	4,913,440	5,969,011	5,268,385	5,310,277	6,376,339	7,135,247	6,903,829	67,109,875
LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0	0	0	0
NET RECOVERABLE (CT-3,PAGE 2)	4,315,836	5,890,410	4,880,560	5,057,719	5,088,822	4,913,440	5,969,011	5,268,385	5,310,277	6,376,339	7,135,247	6,903,829	67,109,875

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



PROGRESS ENERGY FLORIDA  
 ENERGY CONSERVATION ADJUSTMENT  
 CALCULATION OF TRUE-UP  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTAL FOR THE PERIOD
BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
HOME ENERGY IMPROVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
HOME ENERGY CHECK	0	0	0	0	0	30	0	0	0	0	0	30	60
SUBTOTAL - FEES	0	0	0	0	0	30	0	0	0	0	0	30	60
CONSERVATION CLAUSE REVENUES	4,807,919	5,068,096	4,856,656	4,910,110	5,277,687	5,905,437	6,619,634	7,625,758	6,996,241	6,413,483	5,590,495	4,987,370	69,058,886
CURRENT PERIOD GRT REFUND	0.00	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUES	4,807,919	5,068,096	4,856,656	4,910,110	5,277,687	5,905,467	6,619,634	7,625,758	6,996,241	6,413,483	5,590,495	4,987,400	69,058,946
PRIOR PERIOD TRUE-UP OVER/(UNDER)	11,528,273	960,689	960,689	960,689	960,689	960,689	960,689	960,689	962,210	960,689	960,689	960,689	11,529,794
CONSERVATION REVENUES APPLICABLE TO PERIOD	5,768,608	6,028,785	5,817,345	5,870,799	6,238,376	6,866,156	7,580,323	8,586,447	7,958,451	7,374,172	6,551,184	5,948,094	80,588,740
CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 23)	4,315,836	5,890,410	4,880,560	5,057,719	5,088,822	4,913,440	5,969,011	5,268,385	5,310,277	6,376,339	7,135,247	6,903,829	67,109,875
TRUE-UP THIS PERIOD (O)U	(1,452,772)	(138,375)	(936,785)	(813,080)	(1,149,554)	(1,952,716)	(1,611,312)	(3,318,062)	(2,648,174)	(997,833)	584,063	955,735	(13,478,865)
CURRENT PERIOD INTEREST	(51,660)	(51,113)	(49,483)	(49,324)	(49,630)	(52,536)	(56,267)	(65,145)	(73,283)	(70,907)	(66,035)	(61,100)	(696,483)
ADJUSTMENTS PER AUDIT \ RDC Order		0	0	0	0	0	0	0	0	0	0	0	0
TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (O)U	(11,528,273)	(12,072,016)	(11,300,815)	(11,326,394)	(11,228,109)	(11,466,604)	(12,511,168)	(13,218,057)	(15,640,575)	(17,399,822)	(17,507,873)	(16,029,156)	(11,528,273)
CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIOR TRUE-UP REFUNDED/ (COLLECTED)	960,689	960,689	960,689	960,689	960,689	960,689	960,689	960,689	962,210	960,689	960,689	960,689	11,529,794
END OF PERIOD NET TRUE-UP	(12,072,016)	(11,300,815)	(11,326,394)	(11,228,109)	(11,466,604)	(12,511,168)	(13,218,057)	(15,640,575)	(17,399,822)	(17,507,873)	(16,029,156)	(14,173,827)	(14,173,827)

PROGRESS ENERGY FLORIDA  
 CALCULATION OF INTEREST PROVISION  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTAL FOR THE PERIOD
BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	(11,528,273)	(12,072,016)	(11,300,815)	(11,326,394)	(11,228,109)	(11,466,604)	(12,511,168)	(13,218,057)	(15,640,575)	(17,399,822)	(17,507,873)	(16,029,156)	
ENDING TRUE-UP AMOUNT BEFORE INTEREST	(12,020,356)	(11,249,702)	(11,276,911)	(11,178,785)	(11,416,974)	(12,458,632)	(13,161,790)	(15,575,430)	(17,326,539)	(17,436,966)	(15,963,121)	(14,112,727)	
TOTAL BEGINNING & ENDING TRUE-UP	(23,548,629)	(23,321,718)	(22,577,726)	(22,505,179)	(22,645,083)	(23,925,236)	(25,672,958)	(28,793,487)	(32,967,114)	(34,836,788)	(33,470,994)	(30,141,882)	
AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(11,774,315)	(11,660,859)	(11,288,863)	(11,252,589)	(11,322,541)	(11,962,618)	(12,836,479)	(14,396,744)	(16,483,557)	(17,418,394)	(16,735,497)	(15,070,941)	
INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	5.27%	5.26%	5.26%	5.26%	5.26%	5.26%	5.28%	5.24%	5.62%	5.05%	4.72%	4.75%	
INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	5.26%	5.26%	5.26%	5.26%	5.26%	5.28%	5.24%	5.62%	5.05%	4.72%	4.75%	4.98%	
TOTAL (LINE 5 AND LINE 6)	10.53%	10.52%	10.52%	10.52%	10.52%	10.54%	10.52%	10.86%	10.67%	9.77%	9.47%	9.73%	
AVERAGE INTEREST RATE (50% OF LINE 7)	5.265%	5.260%	5.260%	5.260%	5.260%	5.270%	5.260%	5.430%	5.335%	4.885%	4.735%	4.865%	
INTEREST PROVISION (LINE 4 * LINE 8) / 12	(51,660)	(51,113)	(49,483)	(49,324)	(49,630)	(52,536)	(56,267)	(65,145)	(73,283)	(70,907)	(66,035)	(61,100)	(696,483)

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

BEGINNING BALANCE	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTAL	
<b>ENERGY CONSERVATION ADMIN</b>														
INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	43,899	43,899
RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPRECIATION BASE	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	48,540	0
DEPRECIATION EXPENSE	443	443	443	443	443	443	443	443	443	443	443	443	809	5,682
CUMM. NET INVEST	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	26,590	70,490	70,490
LESS: ACC. NET DEPR	9,303	9,746	10,189	10,632	11,075	11,518	11,961	12,404	12,847	13,290	13,733	14,176	14,985	14,985
NET INVESTMENT	17,287	16,844	16,401	15,958	15,515	15,072	14,629	14,186	13,743	13,300	12,857	12,414	55,505	55,505
AVERAGE INVESTMENT		17,066	16,623	16,180	15,737	15,294	14,851	14,408	13,965	13,522	13,079	12,636	33,959	
RETURN ON AVG INVEST		126	123	120	117	113	110	106	104	100	97	93	252	1,461
RETURN REQUIREMENTS		187	183	178	174	168	163	157	154	148	144	138	374	2,168
PROGRAM TOTAL		630	626	621	617	611	606	600	597	591	587	581	1,183	7,850
<b>BUSINESS ENERGY CHECK</b>														
INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RETIREMENTS	0	3,601	0	0	0	0	0	0	0	0	0	0	0	3,601
DEPRECIATION BASE	3,601	1,801	0	0	0	0	0	0	0	0	0	0	0	0
DEPRECIATION EXPENSE	60	1	0	0	0	0	0	0	0	0	0	0	0	61
CUMM. NET INVEST	3,601	3,601	0	0	0	0	0	0	0	0	0	0	0	0
LESS: ACC. NET DEPR	3,540	3,600	0	0	0	0	0	0	0	0	0	0	0	0
NET INVESTMENT	61	1	0	0	0	0	0	0	0	0	0	0	0	0
AVERAGE INVESTMENT		31	1	0	0	0	0	0	0	0	0	0	0	0
RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM TOTAL		60	1	0	0	0	0	0	0	0	0	0	0	61
<b>LOAD MANAGEMENT ASSETS</b>														
INVESTMENTS	0	0	0	0	0	0	0	0	0	8,513	0	142,694	151,207	151,207
RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	4,257	8,513	79,860	0	0
DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	142	1,331	1,473	1,473
CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	8,513	8,513	151,207	151,207	151,207
LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	142	1,473	1,473	1,473
NET INVESTMENT	0	0	0	0	0	0	0	0	0	8,513	8,371	149,734	149,734	149,734
AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	4,257	8,442	79,053	0	0
RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	31	62	585	678	678
RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	46	92	868	1,006	1,006
PROGRAM TOTAL	0	0	0	0	0	0	0	0	0	46	234	2,199	2,479	2,479

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%.

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

BEGINNING BALANCE	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTAL
<b>HOME ENERGY CHECK</b>													
INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	2,560
RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
DEPRECIATION BASE	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	8,017
DEPRECIATION EXPENSE	112	112	112	112	112	112	112	112	112	112	112	112	29
CUMM. NET INVEST	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	6,737	9,297
LESS: ACC. NET DEPR	5,476	5,588	5,700	5,812	5,924	6,036	6,148	6,260	6,372	6,484	6,596	6,708	6,737
NET INVESTMENT	1,261	1,149	1,037	925	813	701	589	477	365	253	141	29	2,560
AVERAGE INVESTMENT		1,205	1,093	981	869	757	645	533	421	309	197	85	1,295
RETURN ON AVG INVEST		9	8	8	6	5	5	4	3	3	1	0	9
RETURN REQUIREMENTS		13	12	12	9	8	8	6	4	4	2	0	13
PROGRAM TOTAL		125	124	124	121	120	120	118	116	116	114	112	42
<b>HOME ENERGY IMPROVEMENT</b>													
INVESTMENTS			0	0	0	0	0	0	0	0	0	0	14,822
RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0
DEPRECIATION BASE		12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	19,901
DEPRECIATION EXPENSE		208	208	208	208	208	208	208	208	208	208	208	332
CUMM. NET INVEST	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	12,490	27,312
LESS: ACC. NET DEPR	5,339	5,547	5,755	5,963	6,171	6,379	6,587	6,795	7,003	7,211	7,419	7,627	7,959
NET INVESTMENT	7,151	6,943	6,735	6,527	6,319	6,111	5,903	5,695	5,487	5,279	5,071	4,863	19,353
AVERAGE INVESTMENT		7,047	6,839	6,631	6,423	6,215	6,007	5,799	5,591	5,383	5,175	4,967	12,108
RETURN ON AVG INVEST		52	51	49	48	46	44	43	42	40	39	36	90
RETURN REQUIREMENTS		77	75	73	71	68	65	64	62	59	58	54	133
PROGRAM TOTAL		285	283	281	279	276	273	272	270	267	266	262	465
<b>LOAD MANAGEMENT SWITCHES</b>													
INVESTMENTS		138,501	(6,785)	363,985	290,021	397,733	425,220	128,040	335,798	154,084	446,860	363,574	245,089
RETIREMENTS		41,549	18,296	17,149	13,764	16,900	12,908	23,799	22,713	19,118	44,781	54,021	70,621
DEPRECIATION BASE		3,739,014	3,774,949	3,935,827	4,247,373	4,575,918	4,972,491	5,230,767	5,439,430	5,663,455	5,931,978	6,287,794	6,529,804
AMORTIZATION EXPENSE		62,317	62,916	65,597	70,790	76,265	82,875	87,180	90,657	94,391	98,866	104,797	108,830
CUMM. NET INVEST	3,690,538	3,787,490	3,762,409	4,109,244	4,385,501	4,766,335	5,178,647	5,282,887	5,595,972	5,730,939	6,133,018	6,442,570	6,617,037
LESS: ACC. NET DEPR	1,429,429	1,450,197	1,494,817	1,543,265	1,600,291	1,659,656	1,729,623	1,793,004	1,860,948	1,936,221	1,990,306	2,041,082	2,079,291
NET INVESTMENT	2,261,108	2,337,293	2,267,591	2,565,979	2,785,210	3,106,679	3,449,023	3,489,883	3,735,024	3,794,717	4,142,711	4,401,488	4,537,747
AVERAGE INVESTMENT		2,299,201	2,302,442	2,416,785	2,675,595	2,945,944	3,277,851	3,469,453	3,612,453	3,764,871	3,968,714	4,272,099	4,469,617
RETURN ON AVG INVEST		17,034	17,057	17,905	19,822	21,824	24,283	25,703	26,762	27,891	29,402	31,649	33,112
RETURN REQUIREMENTS		25,277	25,311	26,569	29,413	32,384	36,034	38,141	39,712	41,387	43,629	46,963	49,135
PROGRAM TOTAL		87,594	88,227	92,166	100,203	108,649	118,909	125,321	130,369	135,778	142,495	151,760	157,965

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%.

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
 FOR THE PERIOD JANUARY 2007 THROUGH DECEMBER 2007

BEGINNING BALANCE	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTAL	
<b>TECHNOLOGY DEVELOPMENT</b>														
INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	6,224	6,224	
RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	
DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0	0	3,112	0	
DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	
CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	6,224	6,224	
LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	6,224	6,224	
AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	3,112	0	
RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0	0	23	23	
RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0	0	34	34	
PROGRAM TOTAL	0	0	0	0	0	0	0	0	0	0	0	34	34	
TOTAL DEPRECIATION AND RETURN		1,100	1,034	1,026	1,017	1,007	999	990	983	974	1,013	1,189	3,923	15,255

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%.

## 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 Progress Energy Florida, Inc.'s (PEF) 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 seven types of the energy audit: the free walk-thru, the paid walk-thru (\$15 charge), the energy rating (Energy Gauge), the mail-in audit, an internet option, a phone assisted audit, and a student audit.

**Program Accomplishments for January 2007 through December 2007:**  
41,663 customers participated in Home Energy Checks.

**Program Fiscal Expenditures for January 2007 through December 2007:**  
Expenses for this program were \$5,820,970.

**Program Progress Summary:** The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

## 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, insulation upgrades, duct leakage repair, reflective roofing products, high performance windows, window film and solar screens.

**Program Accomplishments for January 2007 through December 2007:** There were 21,183 implementations under this program.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$5,201,289.

**Program Progress Summary:** This program will continue to be offered to residential customers through the Home Energy Check to provide opportunities for improving the energy efficiency of existing homes.

## Program Description and Progress

**Program Title:** Residential New Construction

**Program Description:** This program is designed to encourage single, multi, and manufactured home 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 Accomplishments for January 2007 through December 2007:** There were 18,084 measures implemented through this program.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$1,672,709.

**Program Progress Summary:** This program is tied to the building industry. Economic forces will dictate the number of homes built during this period. Participation in new construction efficiency measures has declined due to the weakening of the building industry.



## Program Description and Progress

**Program Title:** Low-Income Weatherization Assistance Program

**Program Description:** The program goal is to integrate PEF's DSM program measures with the Department of Community Affairs (DCA) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership Progress Energy will assist local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

**Program Accomplishments for January 2007 through December 2007:** There were 507 measure implementations in the program in 2007.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$168,249.

**Program Progress Summary:** To promote the delivery of efficiency programs to low-income families, statewide agency meetings were held in 2007 for all participating agencies. Individual meetings with weatherization providers and partners are conducted throughout PEF territory to encourage participation.

### 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 Accomplishments for January 2007 through December 2007:** During this period 10,218 customers were added to the program.

**Program Fiscal Expenditures for January 2007 through December 2007:** Program expenditures during this period were \$21,436,489.

**Program Progress Summary:** As of December 31, 2007 there were 390,337 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 several options are available. The free audit provides a no-cost energy audit for non-residential facilities and can be completed at the facility by an auditor or online by the business customer. The paid audit provides a more thorough energy analysis for non-residential facilities. This program acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures for their facility. It serves as the foundation of the Better Business Program and is a requirement for participation.

**Program Accomplishments for January 2007 through December 2007:** There were 2,048 customers who participated in this program.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$1,510,155.

**Program Progress Summary:** The program is required for participation in most of the company's other DSM Business incentive programs. The Business Energy Check will continue to inform consumers on cost effective energy efficiency improvements for their facilities.

### 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, window film, cool roof, and lighting.

**Program Accomplishments for January 2007 through December 2007:** There were 349 implementations under this program.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$936,489.

**Program Progress Summary:** This program will continue to be offered to commercial customers through the Business Energy Check to provide opportunities for improving the energy efficiency of existing facilities.

### 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, leak free ducts, cool roof, and lighting.

**Program Accomplishments for January 2007 through December 2007:** There were 115 program completions in 2007.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$476,874.

**Program Progress Summary:** This program is tied to the building industry. Economic forces will dictate the number of commercial facilities built during this period.

### Program Description and Progress

**Program Title:** Innovation Incentive

**Program Description:** Significant conservation efforts that are not supported by other Progress Energy programs can be encouraged through Innovation Incentive. Major equipment replacement or other actions that substantially reduce PEF peak demand requirements are evaluated to determine their impact on Progress Energy'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 for January 2007 through December 2007:** There were 2 participants during this period.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$27,421.

**Program Progress Summary:** This program continues to target 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:** Progress Energy Florida, Inc. provides an incentive for customers to voluntarily operate their on-site generation during times of system peak.

**Program Accomplishments for January 2007 through December 2007:** There were 27 new participants added to the program during this period.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$1,177,591.

**Program Progress Summary:** A total of 110 sites are currently participating in this program.

## Program Description and Progress

**Program Title:** Interruptible Service Program

**Program Description:** The Interruptible Service program is a rate tariff which allows Progress Energy 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 Accomplishments for January 2007 through December 2007:** There were 2 participants added to the program under the IS-2 tariff during this period.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$17,462,929.

**Program Progress Summary:** The program currently has 81 active customers with 71 IS-1 customers, 9 IS-2 customers, and 1 SECI- IS customer. 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 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 PEF. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

**Program Accomplishments for January 2007 through December 2007:** There were zero new participants added to this program in 2007.

**Program Fiscal Expenditures for January 2007 through December 2007:** Expenses for this program were \$783,279.

**Program Progress Summary:** The program currently has 5 customers with 4 CS-1 customers and 1 CS-2 customer. 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 CS-2 tariff.

## Program Description and Progress

**Program Title:** Technology Development

**Program Description:** This program allows Progress Energy Florida, Inc. to undertake certain development and demonstration projects which have promise to become cost-effective conservation and energy efficiency programs.

**Program Accomplishments for January 2007 through December 2007:**

Several research and development projects continued and/or launched in 2007.

- Launched a renewable energy with advance battery storage research project.
- Evaluated broadband transmission over power lines for next generation Load Management efficiency.
- Designed small-scale wind study; filed for DEP grant.
- Developed Plug-in Hybrid Electric Vehicle smart charging, V2L and V2G research.

**Program Fiscal Expenditures for January 2007 through December 2007:**

Expenses for this program were \$469,818.

**Program Progress Summary:**

In 2007, a renewable energy project with advanced energy storage was launched. The project uses solar photovoltaics to generate energy which is stored in a vanadium redox battery system. The stored energy will be used for specific load during times of no solar production and for capacity support during system peak. Analysis of technology to support a next generation Load Management system continued. The initial research to determine the efficiency and effectiveness of broadband transmission over power lines has been advanced to include alternative two-way communication options, in-home displays, and data management. Additional alternative energy research has been developed in the hopes of creating future offerings within the Renewable Energy Program. One such study was designed in 2007 and will be launched in 2008 for the evaluation of small-scale wind generators. This project received a grant from the DEP in March 2008. Development of an initiative to evaluate the impact of Plug-in Hybrid Electric Vehicles, design smart charging options, and study the ability to provide battery discharging to support a specific load or the grid was also begun in 2007.

## Program Description and Progress

**Program Title:** Qualifying Facility

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

**Program Accomplishments for January, 2007 through December, 2007:** Progress Energy executed a contract with the Florida Biomass Group to purchase 150 MW of renewable capacity in 2007. Progress Energy Florida will continue to negotiate with potential Qualifying Facilities and restructure existing contracts when opportunities arise.

**Program Fiscal Expenditures for January, 2007 through December, 2007:** Expenses for this program were \$454,167.

**Program Progress Summary:** The total MW of qualifying facility capacity is approximately 786 MW with another 267MW of future qualifying facility capacity under contract.

## Program Description and Progress

**Program Title:** Renewable Energy Program

**Program Description:** This program consists of two areas that are designed to encourage the installation of renewable energy systems.

**Solar Water Heater with EnergyWise:** This measure encourages residential customers to install a solar thermal water heating system. The customer must have whole house electric cooling, electric water heating, and electric heating to be eligible for this program.

**Solar Photovoltaics with EnergyWise:** This measure promotes environmental stewardship and renewable energy education through the installation of solar energy systems at schools within Progress Energy Florida's service territory. Customers participating in the Winter-Only EnergyWise or Year-Round EnergyWise Program can elect to donate their monthly credit toward the Solar Photovoltaics with EnergyWise Fund.

All proceeds collected from participating customers, and their associated monthly credits, will be used to promote photovoltaics and renewable energy educational opportunities.

**Program Accomplishments for January, 2007 through December, 2007:** There were 252 customers who participated in the Solar Water Heater with Energy Wise and two schools receiving installations of a solar energy system.

**Program Fiscal Expenditures for January, 2007 through December, 2007:** Expenses for this program were \$475,625.

**Program Progress Summary:** This program will continue to be offered to residential customers to encourage the use of solar water heating systems and to promote environmental stewardship and renewable energy education.

## Program Description and Progress

**Program Title:** Neighborhood Energy Saver

**Program Description:** The Neighborhood Energy Saver Program was designed to assist low-income families with escalating energy costs. The goal of this program is to implement a comprehensive package of electric conservation measures at no cost to eligible customers. In addition to installing these measures we endeavor to achieve three important goals: educate participating families on proper energy efficiency techniques and best practices, change behavior and manage their energy usage.

**Program Accomplishments for January, 2007 through December, 2007:** There were 1,651 customers who participated in the Neighborhood Energy Saver program.

**Program Fiscal Expenditures for January, 2007 through December, 2007:** Expenses for this program were \$856,820.

**Program Progress Summary:** This program will continue to be offered to low-income neighborhoods in Progress Energy's service territories through 2014.

**PROGRESS ENERGY FLORIDA**  
 Energy Conservation Cost Recovery Clause (ECCR)  
 Calculation of the Energy & Demand Allocation % by Rate Class  
 JANUARY 2009 - DECEMBER 2009

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C - 1  
 PAGE 1 OF 2

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) <small>(2)/(8760hrs*(1))</small>	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) <small>(2)/(4)</small>	(6) Avg 12 CP at Source (MW) <small>(3)/(4)</small>	(7) Class Max MW at Source Level <small>(5)/(8760hrs)</small>	(8) mWh Sales at Source Energy Allocator (%)	(9) 12CP Demand Transmission Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
<b>Residential</b>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1 Secondary	0.550	20,542,747	4,263.32	0.9361264	21,944,416	4,554.22	2,505.1	50.654%	60.140%	59.410%
<b>General Service Non-Demand</b>										
GS-1, GST-1										
Secondary	0.658	1,331,707	231.02	0.9361264	1,422,572	246.78	162.4	3.284%	3.259%	3.261%
Primary	0.658	9,005	1.56	0.9679458	9,303	1.61	1.1	0.021%	0.021%	0.021%
Transmission	0.658	3,360	0.58	0.9779458	3,436	0.60	0.4	0.008%	0.008%	0.008%
								3.313%	3.288%	3.290%
GS-2 Secondary	1.000	89,624	10.23	0.9361264	95,739	10.93	10.9	0.221%	0.144%	0.150%
<b>General Service Demand</b>										
GSD-1, GSDT-1										
Secondary	0.789	13,080,248	1,892.19	0.9361264	13,972,737	2,021.30	1,595.1	32.253%	26.692%	27.120%
Primary	0.789	2,484,990	359.48	0.9679458	2,567,282	371.38	293.1	5.926%	4.904%	4.983%
Transmission	0.789	0	0.00	0.9779458	0	0.00	0.0	0.000%	0.000%	0.000%
SS-1 Primary	1.264	0	0.00	0.9679458	0	0.00	0.0	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	1.264	9,831	0.89	0.9779458	10,053	0.91	1.1	0.023%	0.012%	0.013%
Transm Del/ Primary Mtr	1.264	5,414	0.49	0.9679458	5,593	0.50	0.6	0.013%	0.007%	0.007%
								38.215%	31.615%	32.122%
<b>Curtailable</b>										
CS-1, CST-1, CS-2, CST-2, SS-3										
Secondary	1.093	0	0.00	0.9361264	0	0.00	0.0	0.000%	0.000%	0.000%
Primary	1.093	189,554	19.80	0.9679458	195,831	20.45	22.4	0.452%	0.270%	0.284%
SS-3 Primary	∞	2,009	0.00	0.9679458	2,076	0.00	0.2	0.005%	0.000%	0.000%
								0.457%	0.270%	0.284%
<b>Interruptible</b>										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.927	1,468,420	180.92	0.9361264	1,568,613	193.26	179.1	3.621%	2.552%	2.634%
Primary Del / Primary Mtr	0.927	273,737	33.73	0.9679458	282,802	34.84	32.3	0.653%	0.460%	0.475%
Primary Del / Transm Mtr	0.927	317,529	39.12	0.9779458	324,690	40.00	37.1	0.749%	0.528%	0.545%
Transm Del/ Transm Mtr	0.927	311,416	38.37	0.9779458	318,439	39.23	36.4	0.735%	0.518%	0.535%
Transm Del/ Primary Mtr	0.927	74,064	9.13	0.9679458	76,517	9.43	8.7	0.177%	0.124%	0.129%
SS-2 Primary	0.749	0	0.00	0.9679458	0	0.00	0.0	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	0.749	71,930	10.96	0.9779458	73,552	11.20	8.4	0.170%	0.148%	0.150%
Transm Del/ Primary Mtr	0.749	60,528	9.22	0.9679458	62,532	9.52	7.1	0.144%	0.126%	0.127%
								6.249%	4.457%	4.595%
<b>Lighting</b>										
LS-1 (Secondary)	6.746	361,353	6.11	0.9361264	386,009	6.53	44.1	0.891%	0.086%	0.148%
		40,687,466	7,107.11		43,322,192	7,572.71	4,945.5	100.000%	100.000%	100.000%

Notes: (1) Average 12CP load factor based on load research study filed July 31, 2006  
 (2) Projected kWh sales for the period January 2009 to December 2009  
 (3) Calculated: Column 2 / (8,760 hours x Column 1)  
 (4) Based on system average line loss analysis for 2008  
 (5) Column 2 / Column 4

(6) Column 3 / Column 4  
 (7) Calculated: Column 5 / 8,760 hours  
 (8) Column 5 / Total Column 5  
 (9) Column 6 / Total Column 6  
 (10) Column 8 x 1/13 + Column 9 x 12/13

**FLORIDA PUBLIC SERVICE COMMISSION**  
 DOCKET NO. 080002-EG EXHIBIT 9  
 COMPANY Progress Energy Fla, Inc  
 WITNESS John A. Masiello (JAM-1P)  
 DATE 11-04-08

**PROGRESS ENERGY FLORIDA**  
 Energy Conservation Cost Recovery Clause (ECCR)  
 Calculation of Energy Conservation Cost Recovery Clause Rate Factors by Rate Class  
**JANUARY 2009 - DECEMBER 2009**

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C - 1  
 PAGE 2 OF 2

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP & 1/13 AD Demand Allocator (%)	(3) Energy- Related Costs (\$)	(4) Production Demand Costs (\$)	(5) Total Energy Conservation Costs (\$)	(6) Projected Effective Sales at Meter Level (mWh)	(7) Energy Conservation Cost Recovery (cents/kWh)	(8) Regulatory Assessment Tax Expansion Factor (cents/kWh)	(9) Energy Conservation Cost Recovery Factors (cents/kWh)
<b>Residential</b>									
<b>RS-1, RST-1, RSL-1, RSL-2, RSS-1</b>									
Secondary	50.654%	59.410%	\$ 16,757,734	\$ 29,119,458	\$ 45,877,192	20,542,747	0.223	1.000383	0.223
<b>General Service Non-Demand</b>									
<b>GS-1, GST-1</b>									
Secondary						1,331,707	0.202	1.000383	0.202
Primary						8,915			0.200
Transmission						3,293			0.198
<b>TOTAL GS</b>	<b>3.313%</b>	<b>3.290%</b>	<b>\$ 1,096,067</b>	<b>\$ 1,612,558</b>	<b>\$ 2,708,626</b>	<b>1,343,915</b>			
<b>General Service</b>									
<b>GS-2</b>									
Secondary	0.221%	0.150%	\$ 73,111	\$ 73,629	\$ 146,740	89,624	0.164	1.000383	0.164
<b>General Service Demand</b>									
<b>GSD-1, GSDT-1, SS-1</b>									
Secondary						13,080,248	0.182	1.000383	0.182
Primary						2,465,500			0.180
Transmission						9,634			0.178
<b>TOTAL GSD</b>	<b>38.215%</b>	<b>32.122%</b>	<b>\$ 12,642,644</b>	<b>\$ 15,744,583</b>	<b>\$ 28,387,227</b>	<b>15,555,382</b>			
<b>Curtailable</b>									
<b>CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3</b>									
Secondary						-	0.153	1.000383	0.153
Primary						189,647			0.151
Transmission						-			0.150
<b>TOTAL CS</b>	<b>0.457%</b>	<b>0.284%</b>	<b>\$ 151,130</b>	<b>\$ 139,417</b>	<b>\$ 290,548</b>	<b>189,647</b>			
<b>Interruptible</b>									
<b>IS-1, IST-1, IS-2, IST-2, SS-2</b>									
Secondary						1,468,420	0.169	1.000383	0.169
Primary						404,246			0.167
Transmission						686,858			0.166
<b>TOTAL IS</b>	<b>6.249%</b>	<b>4.595%</b>	<b>\$ 2,067,296</b>	<b>\$ 2,252,011</b>	<b>\$ 4,319,307</b>	<b>2,559,523</b>			
<b>Lighting</b>									
<b>LS-1</b>									
Secondary	0.891%	0.148%	\$ 294,773	\$ 72,620	\$ 367,394	361,353	0.102	1.000383	0.102
	100.000%	100.000%	\$ 33,082,756	\$ 49,014,278	\$ 82,097,033	40,642,192	0.202	1.000383	0.202

- Notes:
- (1) From Schedule C-1 1P, Column 8
  - (2) From Schedule C-1 1P, Column 10
  - (3) Column 1 x Total Energy Jurisdictional Dollars from Schedule C-2 Page 1, line 28
  - (4) Column 2 x Total Production Demand Jurisdictional Dollars from Schedule C-2 Page 1, line 30
  - (5) Column 3 + Column 4
  - (6) Projected kWh sales at effective voltage level for the period January 2009 to December 2009
  - (7) Column 5 / Column 6 x 100 / 1,000
  - (8) Regulatory Assessment Tax Expansion Factor (in accordance with Order No. PSC 05-0945-S-EI)
  - (9) Column 7 x Column 8

**PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009**

**DOCKET NO. 080002-EG  
PROGRESS ENERGY FLORIDA  
JOHN A. MASIELLO  
EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
SCHEDULE C-2  
PAGE 1 OF 6**

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	12 MONTH TOTAL		
1	BETTER BUSINESS (20015937) (E)	1,667,808		
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	2,468,238		
3	HOME ENERGY IMPROVEMENT (20015934) (E)	4,993,042		
4	C/I NEW CONSTRUCTION (20015938) (E)	960,060		
5	HOME ENERGY CHECK (20015932) (E)	6,169,952		
6	LOW INCOME (20021329) (E)	140,534		
7	RENEWABLE ENERGY SAVER (20060745)(E)	813,122		
8	NEIGHBORHOOD ENERGY SAVER (20060744)(E)	2,072,186		
9	BUSINESS ENERGY CHECK (20015936) (E)	3,836,952		
10	CONSERVATION PROGRAM ADMIN (20015935) (E)	9,511,138		
11	CONSERVATION PROGRAM ADMIN (20015935) (D)	1,052,929		
12	QUALIFYING FACILITY (20025062) (E)	734,684		
13	INNOVATION INCENTIVE (20015940) (E)	95,758		
14	TECHNOLOGY DEVELOPMENT (20015939) (E)	800,000		
15	STANDBY GENERATION (20021332) (D)	2,995,714		
16	INTERRUPTIBLE SERVICE (20015941) (D)	19,708,420		
17	CURTAILABLE SERVICE (20015942) (D)	906,384		
18	RES ENERGY MANGMNT-ADMIN (20015943) (D)	21,369,342		
19	LOAD MANAGEMENT SWITCHES (9080120) (D)	4,321,702		
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	714,944		
21				
22	NET PROGRAM COSTS	<u>\$ 85,332,907</u>		
23				
24	<u>SUMMARY OF DEMAND &amp; ENERGY</u>			
25		<u>12 Months</u>	<u>Prior Period</u>	<u>Total Costs</u>
26		<u>Total</u>	<u>True - up</u>	<u>with True - up</u>
27				
28	ENERGY	\$ 34,263,474	\$ (1,180,718)	\$ 33,082,756
29				
30	DEMAND	<u>51,069,434</u>	<u>(2,055,156)</u>	<u>49,014,278</u>
31				
32	TOTAL	<u>\$ 85,332,907</u>	<u>\$ (3,235,874)</u>	<u>\$ 82,097,033</u>



PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

DOCKET NO. 080002-EG  
PROGRESS ENERGY FLORIDA  
JOHN A. MASIELLO  
EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
SCHEDULE C-2  
PAGE 2 OF 6

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED												TOTAL
		Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	
1	BETTER BUSINESS	\$ 126,506	\$ 135,287	\$ 142,455	\$ 145,463	\$ 144,451	\$ 133,738	\$ 133,982	\$ 161,987	\$ 135,613	\$ 146,480	\$ 137,504	\$ 124,342	\$ 1,667,808
2	RESIDENTIAL NEW CONSTRUCTION	127,590	157,973	206,129	148,196	300,250	240,782	229,366	209,755	207,674	351,783	163,709	125,032	2,468,238
3	HOME ENERGY IMPROVEMENT	349,209	426,725	751,808	404,879	511,080	420,417	403,376	361,648	481,159	337,010	298,301	247,433	4,993,042
4	C/I NEW CONSTRUCTION	76,317	70,694	68,398	86,203	76,176	67,355	77,715	101,724	87,101	84,023	80,359	83,992	960,060
5	HOME ENERGY CHECK	510,354	917,426	659,180	478,152	589,187	370,544	341,049	343,359	591,683	558,848	481,789	328,382	6,169,952
6	LOW INCOME	10,181	7,633	17,233	11,470	21,611	13,529	6,140	6,376	7,197	22,559	10,536	6,069	140,534
7	RENEWABLE ENERGY SAVER	77,060	64,895	68,896	68,142	75,161	65,785	66,434	65,871	68,934	71,368	54,151	66,423	813,122
8	NEIGHBORHOOD ENERGY SAVER	22,746	143,576	200,349	197,218	220,697	189,514	189,164	250,957	126,831	132,564	186,830	211,744	2,072,186
9	BUSINESS ENERGY CHECK	257,423	289,288	375,625	320,760	371,200	350,703	289,165	353,077	300,990	358,780	310,517	259,424	3,836,952
10	CONSERVATION PROGRAM ADMIN	597,876	632,302	871,075	809,566	872,756	876,545	712,126	754,212	900,248	938,329	700,069	846,034	9,511,138
11	CONSERVATION PROGRAM ADMIN	86,250	70,076	96,591	89,740	96,763	97,096	78,739	83,418	99,603	103,796	77,327	93,529	1,052,929
12	QUALIFYING FACILITY	61,224	61,224	61,224	61,224	61,224	61,224	61,224	61,224	61,224	61,224	61,224	61,224	734,684
13	INNOVATION INCENTIVE	1,959	3,176	10,838	3,021	37,603	2,555	6,859	6,687	7,021	6,515	7,241	2,285	95,758
14	TECHNOLOGY DEVELOPMENT	31,854	34,697	108,237	44,871	37,839	113,316	34,153	51,614	113,163	69,085	50,399	110,771	800,000
15	STANDBY GENERATION	212,364	220,472	230,472	245,160	257,152	252,160	255,160	260,782	260,160	272,152	265,782	263,898	2,995,714
16	INTERRUPTIBLE LOAD MANAGEMENT	1,641,481	1,643,237	1,643,237	1,643,062	1,642,016	1,643,062	1,638,062	1,643,414	1,638,062	1,647,016	1,643,414	1,642,356	19,708,420
17	CURTAILABLE LOAD MANAGEMENT	75,377	75,505	75,505	75,491	75,779	75,491	75,491	75,517	75,491	75,779	75,517	75,441	906,384
18	RESIDENTIAL LOAD MANAGEMENT	2,415,735	2,357,393	1,675,377	1,428,586	1,644,039	1,707,216	1,674,805	1,642,857	1,734,089	1,575,679	1,716,261	1,797,306	21,369,342
19	LOAD MANAGEMENT SWITCHES	310,890	320,610	329,662	337,940	346,567	355,644	364,671	373,777	382,783	391,746	400,750	406,662	4,321,702
20	COMMERCIAL LOAD MANAGEMENT	51,245	53,745	58,745	58,745	58,745	63,745	68,745	63,745	68,745	58,745	58,745	51,249	714,944
21														
22														
23	NET PROGRAM COSTS	\$ 7,023,641	\$ 7,685,932	\$ 7,651,035	\$ 6,657,889	\$ 7,440,296	\$ 7,100,421	\$ 6,706,426	\$ 6,871,999	\$ 7,347,771	\$ 7,263,480	\$ 6,780,424	\$ 6,803,595	\$ 85,332,907
24														
25														
26	SUMMARY OF DEMAND & ENERGY													
27														
28	ENERGY	\$ 2,250,299	\$ 2,944,895	\$ 3,541,447	\$ 2,779,165	\$ 3,319,235	\$ 2,906,006	\$ 2,550,752	\$ 2,728,490	\$ 3,088,837	\$ 3,138,567	\$ 2,542,628	\$ 2,473,154	\$ 34,263,474
29														
30	DEMAND	4,773,342	4,741,038	4,109,588	3,878,725	4,121,060	4,194,415	4,155,674	4,143,510	4,258,934	4,124,912	4,237,795	4,330,441	51,069,434
31														
32	TOTAL	\$ 7,023,641	\$ 7,685,932	\$ 7,651,035	\$ 6,657,889	\$ 7,440,296	\$ 7,100,421	\$ 6,706,426	\$ 6,871,999	\$ 7,347,771	\$ 7,263,480	\$ 6,780,424	\$ 6,803,595	\$ 85,332,907

PROGRESS ENERGY FLORIDA  
 ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C-2  
 PAGE 3 OF 6

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	\$ -	\$ 231,304	\$ -	\$ 29,438	\$ 226,002	\$ 1,140,523	\$ -	\$ 40,541	\$ -	\$ 1,667,808
2	RESIDENTIAL NEW CONSTRUCTION	-	902,349	19,486	32,000	630,690	823,951	-	59,762	-	2,468,238
3	HOME ENERGY IMPROVEMENT	15,933	756,549	44,240	-	1,324,210	2,798,692	-	53,419	-	4,993,042
4	C/I NEW CONSTRUCTION	-	185,726	-	29,438	231,000	493,235	-	20,661	-	960,060
5	HOME ENERGY CHECK	746	2,179,377	426,376	484,705	2,908,398	-	-	170,351	-	6,169,952
6	LOW INCOME	-	46,455	2,034	-	53,000	24,000	-	15,045	-	140,534
7	RENEWABLE ENERGY SAVER	-	127,282	-	-	377,920	285,750	-	22,170	-	813,122
8	NEIGHBORHOOD ENERGY SAVER	-	90,754	-	90,000	76,500	1,772,244	-	42,688	-	2,072,186
9	BUSINESS ENERGY CHECK	3,160	1,688,077	139,577	977,250	439,497	-	-	589,391	-	3,836,952
10	CONSERVATION PROGRAM ADMIN	34,758	5,086,911	500,625	1,191,221	414,900	-	-	2,282,723	-	9,511,138
11	CONSERVATION PROGRAM ADMIN	-	565,213	55,623	132,357	46,100	-	-	253,635	-	1,052,929
12	QUALIFYING FACILITY	-	658,816	4,068	50,000	-	-	-	21,800	-	734,684
13	INNOVATION INCENTIVE	-	33,178	-	24,000	-	34,500	-	4,080	-	95,758
14	TECHNOLOGY DEVELOPMENT	16,833	89,607	228,825	436,735	-	-	-	28,000	-	800,000
15	STANDBY GENERATION	-	208,070	154,704	90,000	2,000	2,500,000	-	40,940	-	2,995,714
16	INTERRUPTIBLE LOAD MANAGEMENT	0	87,856	3,458	-	-	19,605,000	-	12,106	-	19,708,420
17	CURTAILABLE LOAD MANAGEMENT	-	6,384	-	-	-	900,000	-	-	-	906,384
18	RESIDENTIAL LOAD MANAGEMENT	343,247	1,619,757	42,104	1,804,855	1,202,005	16,280,249	-	77,125	-	21,369,342
19	LOAD MANAGEMENT SWITCHES	4,321,702	-	-	-	-	-	-	-	-	4,321,702
20	COMMERCIAL LOAD MANAGEMENT	-	-	-	44,944	-	670,000	-	-	-	714,944
21											
22											
23	NET PROGRAM COSTS	\$ 4,736,379	\$ 14,563,663	\$ 1,621,119	\$ 5,416,943	\$ 7,932,222	\$ 47,328,144	\$ -	\$ 3,734,438	\$ -	\$ 85,332,907
24											
25											
26	SUMMARY OF DEMAND & ENERGY										
27											
28	ENERGY	\$ 71,430	\$ 12,076,384	\$ 1,365,230	\$ 3,344,787	\$ 6,682,117	\$ 7,372,895	\$ -	\$ 3,350,631	\$ -	\$ 34,263,474
29											
30	DEMAND	4,664,949	2,487,279	255,889	2,072,156	1,250,105	39,955,249	-	383,807	-	51,069,434
31											
32	TOTAL	\$ 4,736,379	\$ 14,563,663	\$ 1,621,119	\$ 5,416,943	\$ 7,932,222	\$ 47,328,144	\$ -	\$ 3,734,438	\$ -	\$ 85,332,907

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C-2  
 PAGE 4 OF 6

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL
			Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	
1	HOME ENERGY CHECK														
2	INVESTMENT		\$ 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
4	DEPRECIATION BASE		2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	
5															
6	DEPRECIATION EXPENSE		43	43	43	43	43	43	43	43	43	43	43	43	516
7															
8	CUMULATIVE INVESTMENT	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560
9	LESS: ACC. DEPRECIATION	572	615	658	701	744	787	830	873	916	959	1,002	1,045	1,088	1,088
10	NET INVESTMENT	1,988	1,945	1,902	1,859	1,816	1,773	1,730	1,687	1,644	1,601	1,558	1,515	1,472	1,472
11	AVERAGE INVESTMENT		1,967	1,924	1,881	1,838	1,795	1,752	1,709	1,666	1,623	1,580	1,537	1,494	
12	RETURN ON AVERAGE INVESTMENT		14	14	14	13	13	13	13	13	12	12	12	12	155
13															
14	RETURN REQUIREMENTS		21	21	21	19	19	19	19	19	18	18	18	18	230
15															
16	PROGRAM TOTAL		\$ 64	\$ 64	\$ 64	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 61	\$ 61	\$ 61	\$ 61	\$746
17															
18	STANDBY GENERATION														
19	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	0
22															
23	DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	-
24															
25	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	-
26	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	-
27	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	-
28	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	
29	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	-
30															
31	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	-
32															
33	PROGRAM TOTAL		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
34															

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 8.89% PER THE 2005 RATE CASE SETTLEMENT AGREEMENT, ORDER#PSC-05-1251-FOF-EI
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY RATE OF 38.575%

**PROGRESS ENERGY FLORIDA**  
**SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN**  
**FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009**

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C-2  
 PAGE 5 OF 6

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												
			Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	TOTAL
1	<b>RESIDENTIAL ENERGY MANAGEMENT</b>														
2	INVESTMENT		\$ 45,810	\$ 74,436	\$ 83,579	\$ 74,436	\$ 93,151	\$ 87,295	\$ 59,081	\$ 63,235	\$ 94,731	\$ 76,515	\$ 61,077	\$ 33,677	\$847,024
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		699,518	759,641	838,648	917,656	1,001,450	1,091,673	1,164,861	1,226,019	1,305,003	1,390,626	1,459,422	1,506,798	
5															
6	DEPRECIATION EXPENSE		11,659	12,661	13,977	15,294	16,691	18,195	19,414	20,434	21,750	23,177	24,324	25,113	222,689
7															
8	CUMULATIVE INVESTMENT	676,613	722,423	796,859	880,438	954,874	1,048,026	1,135,321	1,194,402	1,257,637	1,352,368	1,428,883	1,489,960	1,523,637	1,523,637
9	LESS: ACC. DEPRECIATION	103,293	114,952	127,613	141,590	156,884	173,575	191,770	211,184	231,618	253,368	276,545	300,869	325,982	325,982
10	NET INVESTMENT	573,320	607,471	669,246	738,848	797,990	874,451	943,551	983,218	1,026,019	1,099,000	1,152,338	1,189,091	1,197,655	1,197,655
11	AVERAGE INVESTMENT		590,395	638,358	704,047	768,419	836,220	909,001	963,384	1,004,618	1,062,510	1,125,669	1,170,715	1,193,373	
12	RETURN ON AVERAGE INVESTMENT		4,374	4,729	5,216	5,692	6,195	6,734	7,137	7,443	7,871	8,340	8,673	8,841	81,245
13															
14	RETURN REQUIREMENTS		6,490	7,017	7,740	8,446	9,192	9,993	10,590	11,045	11,680	12,376	12,870	13,119	120,558
15															
16	<b>PROGRAM TOTAL</b>		\$ 18,149	\$ 19,678	\$ 21,717	\$ 23,740	\$ 25,883	\$ 28,188	\$ 30,004	\$ 31,479	\$ 33,430	\$ 35,553	\$ 37,194	\$ 38,232	\$343,247
17															
18	<b>BUSINESS ENERGY CHECK</b>														
19	INVESTMENT		\$ 0	\$ 0	\$ 6,094	\$ 0	\$ 0	\$ 6,094	\$ 0	\$ 0	\$ 6,094	\$ 0	\$ 0	\$ 0	\$18,282
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE		0	0	3,047	6,094	6,094	9,141	12,188	12,188	15,235	18,282	18,282	18,282	
22															
23	DEPRECIATION EXPENSE		0	0	0	102	102	152	203	203	254	305	305	305	1,931
24															
25	CUMULATIVE INVESTMENT	0	0	0	6,094	6,094	6,094	12,188	12,188	12,188	18,282	18,282	18,282	18,282	18,282
26	LESS: ACC. DEPRECIATION	0	0	0	0	102	204	356	559	762	1,016	1,321	1,626	1,931	1,931
27	NET INVESTMENT	0	0	0	6,094	5,992	5,890	11,832	11,629	11,426	17,266	16,961	16,656	16,351	16,351
28	AVERAGE INVESTMENT		0	0	3,047	6,043	5,941	8,861	11,730	11,527	14,346	17,113	16,808	16,503	
29	RETURN ON AVERAGE INVESTMENT		0	0	22	44	44	66	87	86	106	127	125	122	829
30															
31	RETURN REQUIREMENTS		0	0	33	65	65	98	129	127	157	189	185	181	1,229
32															
33	<b>PROGRAM TOTAL</b>		\$ 0	\$ 0	\$ 33	\$ 167	\$ 167	\$ 250	\$ 332	\$ 330	\$ 411	\$ 494	\$ 490	\$ 486	\$3,160
34															
35	<b>HOME ENERGY IMPROVEMENT</b>														
36	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
37	RETIREMENTS		0	0	0	0	0	0	4,912	0	0	0	0	0	4,912
38	DEPRECIATION BASE		57,740	57,740	57,740	57,740	57,740	57,740	55,284	52,828	52,828	52,828	52,828	52,828	
39															
40	DEPRECIATION EXPENSE		962	962	962	962	962	962	921	880	880	880	880	880	11,093
41															
42	CUMULATIVE INVESTMENT	57,740	57,740	57,740	57,740	57,740	57,740	57,740	52,828	52,828	52,828	52,828	52,828	52,828	52,828
43	LESS: ACC. DEPRECIATION	15,366	16,328	17,290	18,252	19,214	20,176	21,138	17,148	18,028	18,908	19,788	20,668	21,548	21,548
44	NET INVESTMENT	42,374	41,412	40,450	39,488	38,526	37,564	36,602	35,681	34,801	33,921	33,041	32,161	31,281	31,281
45	AVERAGE INVESTMENT		41,893	40,931	39,969	39,007	38,045	37,083	36,141	35,241	34,361	33,481	32,601	31,721	
46	RETURN ON AVERAGE INVESTMENT		310	304	296	289	282	275	267	261	254	248	241	235	3,262
47															
48	RETURN REQUIREMENTS		460	451	439	429	418	408	396	387	377	368	358	349	4,840
49															
50	<b>PROGRAM TOTAL</b>		\$ 1,422	\$ 1,413	\$ 1,401	\$ 1,391	\$ 1,380	\$ 1,370	\$ 1,317	\$ 1,267	\$ 1,257	\$ 1,248	\$ 1,238	\$ 1,229	\$15,933

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0186667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 8.89% PER THE 2005 RATE CASE SETTLEMENT AGREEMENT, ORDER#PSC-05-1251-FOF-EI
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY RATE OF 38.575%

**PROGRESS ENERGY FLORIDA**  
**SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN**  
**FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009**

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C-2  
 PAGE 6 OF 6

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09		
<b>1</b>	<b>CONSERVATION PROGRAM</b>															
2	INVESTMENT		\$ 0	\$ 0	\$ 27,297	\$ 0	\$ 0	\$ 58,998	\$ 0	\$ 0	\$ 27,297	\$ 0	\$ 0	\$ 13,209	\$126,802	
3	RETIREMENTS		0	0	26,590	0	0	0	0	0	0	0	0	0	26,590	
4	DEPRECIATION BASE		70,490	70,490	70,843	71,197	71,197	100,696	130,195	130,195	143,844	157,492	157,492	164,097		
5																
6	DEPRECIATION EXPENSE		1,175	1,175	1,181	1,187	1,187	1,678	2,170	2,170	2,397	2,625	2,625	2,735	22,305	
7																
8	CUMULATIVE INVESTMENT	70,490	70,490	70,490	71,197	71,197	71,197	130,195	130,195	130,195	157,492	157,492	157,492	170,701	170,701	
9	LESS: ACC. DEPRECIATION	29,085	30,260	31,435	6,026	7,213	8,400	10,078	12,248	14,418	16,815	19,440	22,065	24,800	24,800	
10	NET INVESTMENT	41,405	40,230	39,055	65,171	63,984	62,797	120,117	117,947	115,777	140,678	138,053	135,428	145,901	145,901	
11	AVERAGE INVESTMENT		40,817	39,642	52,113	64,578	63,391	91,457	119,032	116,862	128,227	139,365	136,740	140,665		
12	RETURN ON AVERAGE INVESTMENT		302	293	386	479	470	677	881	866	950	1,033	1,013	1,042	8,392	
13																
14	RETURN REQUIREMENTS		448	435	573	711	697	1,005	1,307	1,285	1,410	1,533	1,503	1,546	12,453	
15																
16	PROGRAM TOTAL		\$ 1,623	\$ 1,610	\$ 1,754	\$ 1,898	\$ 1,884	\$ 2,683	\$ 3,477	\$ 3,455	\$ 3,807	\$ 4,158	\$ 4,128	\$ 4,281	\$34,758	
17																
18	<b>TECH DEVELOPMENT</b>															
19	INVESTMENT		\$ 0	\$ 0	\$ 13,209	\$ 0	\$ 0	\$ 13,209	\$ 0	\$ 0	\$ 13,209	\$ 0	\$ 0	\$ 13,209	\$52,835	
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	
21	DEPRECIATION BASE		31,224	31,224	37,828	44,432	44,432	51,037	57,641	57,641	64,245	70,850	70,850	77,454		
22																
23	DEPRECIATION EXPENSE		520	520	630	741	741	851	961	961	1,071	1,181	1,181	1,291	10,649	
24																
25	CUMULATIVE INVESTMENT	31,224	31,224	31,224	44,432	44,432	44,432	57,641	57,641	57,641	70,850	70,850	70,850	84,058	84,058	
26	LESS: ACC. DEPRECIATION	1,872	2,392	2,912	3,542	4,283	5,024	5,875	6,836	7,797	8,868	10,049	11,230	12,521	12,521	
27	NET INVESTMENT	29,352	28,832	28,312	40,890	40,149	39,408	51,766	50,805	49,844	61,982	60,801	59,620	71,537	71,537	
28	AVERAGE INVESTMENT		29,092	28,572	34,601	40,520	39,779	45,587	51,286	50,325	55,913	61,391	60,210	65,578		
29	RETURN ON AVERAGE INVESTMENT		215	212	257	300	295	337	380	373	414	454	446	485	4,168	
30																
31	RETURN REQUIREMENTS		319	314	381	445	438	500	564	553	614	674	662	720	6,184	
32																
33	PROGRAM TOTAL		\$ 839	\$ 834	\$ 1,011	\$ 1,186	\$ 1,179	\$ 1,351	\$ 1,525	\$ 1,514	\$ 1,685	\$ 1,855	\$ 1,843	\$ 2,011	\$16,833	
34																
35	<b>LOAD MANAGEMENT SWITCHES (9080120) (D)</b>															
36	LOAD CONTROL RECEIVERS, SWITCHES,															
37	AND HARDWARE - INVESTMENT		\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,723	\$ 443,719	\$5,324,678	
38	RETIREMENTS		7,053	18,510	77,911	103,529	27,702	40,662	25,131	21,748	27,856	18,025	13,421	381,515	763,064	
39	AMORTIZATION BASE		12,562,969	12,993,911	13,389,423	13,742,427	14,120,534	14,530,076	14,940,903	15,361,187	15,780,108	16,200,891	16,628,892	16,875,145		
40																
41	AMORTIZATION EXPENSE		209,383	216,566	223,157	229,041	235,343	242,168	249,016	256,020	263,002	270,015	277,149	281,253	2,952,113	
42																
43	CUMULATIVE INVESTMENT	12,344,634	12,781,304	13,206,517	13,572,329	13,912,524	14,328,545	14,731,606	15,150,199	15,572,174	15,988,042	16,413,740	16,844,043	16,906,247	16,906,247	
44	LESS: ACC. AMORTIZATION	3,228,015	3,430,345	3,628,400	3,773,646	3,899,158	4,106,799	4,308,305	4,532,190	4,766,462	5,001,608	5,253,598	5,517,326	5,417,063	5,417,063	
45	NET INVESTMENT	9,116,619	9,350,959	9,578,117	9,798,683	10,013,366	10,221,746	10,423,302	10,618,009	10,805,713	10,986,434	11,160,143	11,326,717	11,489,184	11,489,184	
46	AVERAGE INVESTMENT		9,233,789	9,464,538	9,688,400	9,906,025	10,117,556	10,322,524	10,520,656	10,711,861	10,896,074	11,073,289	11,243,430	11,407,950		
47	RETURN ON AVERAGE INVESTMENT		68,406	70,116	71,774	73,387	74,954	76,472	77,940	79,357	80,721	82,035	83,295	84,514	922,971	
48																
49	RETURN REQUIREMENTS		101,507	104,044	106,505	108,899	111,224	113,476	115,655	117,757	119,781	121,731	123,601	125,409	1,369,589	
50																
51	TOTAL AMORTIZATION AND RETURN		\$ 310,890	\$ 320,610	\$ 329,662	\$ 337,940	\$ 346,567	\$ 355,644	\$ 364,671	\$ 373,777	\$ 382,783	\$ 391,746	\$ 400,750	\$ 406,662	\$4,321,702	
52																
53	<b>SUMMARY OF DEMAND &amp; ENERGY:</b>															
54																
55	ENERGY		\$ 3,948	\$ 3,921	\$ 4,263	\$ 4,704	\$ 4,672	\$ 5,716	\$ 6,713	\$ 6,628	\$ 7,221	\$ 7,816	\$ 7,760	\$ 8,068	\$ 71,430	
56	DEMAND		329,039	340,288	351,379	361,680	372,450	383,832	394,675	405,256	416,213	427,299	437,944	444,894	4,664,949	
57	TOTAL DEPRECIATION AND RETURN		\$ 332,987	\$ 344,209	\$ 355,642	\$ 366,384	\$ 377,122	\$ 389,548	\$ 401,388	\$ 411,884	\$ 423,434	\$ 435,115	\$ 445,704	\$ 452,962	\$ 4,736,379	

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 8.89% PER THE 2005 RATE CASE SETTLEMENT AGREEMENT, ORDER#PC-05-1251-FOF-EI
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY RATE OF 38.575%

PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
 JANUARY through JULY, 2008 ACTUAL  
 AUGUST through DECEMBER, 2008 ESTIMATED

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C - 3  
 PAGE 1 OF 8

LINE NO.	PROGRAM TITLE	DEPRECIATION		OPERATING AND MAINTENANCE COSTS						PROGRAM REVENUES (CREDITS)	TOTAL
		AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	BETTER BUSINESS										
2	A. ACTUAL	\$ -	\$ 51,249	\$ -	\$ -	\$ -	\$ 116,540	\$ 699,811	\$ 2,242	\$ -	\$ 869,842
3	B. ESTIMATED	-	54,708	-	1,050	-	177,886	431,994	4,974	-	670,612
4											
5	C. TOTAL	-	105,957	-	1,050	-	294,426	1,131,805	7,216	-	1,540,454
6											
7	RESIDENTIAL NEW CONSTRUCTION										
8	A. ACTUAL	\$ -	\$ 457,729	\$ -	\$ 14,107	\$ 3,496	\$ 141,878	\$ 465,515	\$ 68,395	\$ -	\$ 1,151,120
9	B. ESTIMATED	-	364,836	-	5,200	21,098	246,932	157,157	97,703	-	892,926
10											
11	C. TOTAL	-	822,565	-	19,307	24,594	388,810	622,672	166,098	-	2,044,046
12											
13	HOME ENERGY IMPROVEMENT										
14	A. ACTUAL	\$ 5,227	\$ 262,233	\$ -	\$ 178	\$ 3,232	\$ 1,764,870	\$ 1,668,418	\$ 34,330	\$ -	\$ 3,738,488
15	B. ESTIMATED	5,594	176,513	-	710	(459)	809,167	1,055,101	55,829	-	2,102,455
16											
17	C. TOTAL	10,821	438,746	-	888	2,773	2,574,037	2,723,519	90,159	-	5,840,943
18											
19	C/I NEW CONSTRUCTION										
20	A. ACTUAL	\$ -	\$ 41,084	\$ -	\$ -	\$ -	\$ 68,516	\$ 190,548	\$ 1,088	\$ -	\$ 301,236
21	B. ESTIMATED	-	50,236	-	-	-	6,911	307,996	2,398	-	367,541
22											
23	C. TOTAL	-	91,320	-	-	-	75,427	498,544	3,486	-	668,777
24											
25	HOME ENERGY CHECK										
26	A. ACTUAL	\$ 538	\$ 1,620,314	\$ -	\$ 371,520	\$ 151,904	\$ 1,245,321	\$ 1	\$ 149,976	\$ -	\$ 3,539,574
27	B. ESTIMATED	331	1,347,982	-	227,979	349,805	517,191	-	217,735	(30)	2,660,993
28											
29	C. TOTAL	869	2,968,296	-	599,499	501,709	1,762,512	1	367,711	(30)	6,200,567
30											
31	LOW INCOME										
32	A. ACTUAL	\$ -	\$ 68,203	\$ -	\$ 125	\$ 859	\$ 17,001	\$ 7,404	\$ 22,977	\$ -	\$ 116,569
33	B. ESTIMATED	-	67,912	-	80	(859)	37,781	16,595	61,394	-	182,903
34											
35	C. TOTAL	-	136,115	-	205	-	54,782	23,999	84,371	-	299,472

PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
 JANUARY through JULY, 2008 ACTUAL  
 AUGUST through DECEMBER, 2008 ESTIMATED

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C - 3  
 PAGE 2 OF 8

LINE NO.	PROGRAM TITLE	DEPRECIATION	OPERATING AND MAINTENANCE COSTS							PROGRAM	TOTAL
		AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	REVENUES (CREDITS)	
1	RENEWABLE ENERGY SAVER										
2	A. ACTUAL	\$ -	\$ 50,291	\$ -	\$ (1,956)	\$ 19	\$ 832,726	\$ 169,006	\$ (2,332)	\$ -	\$ 1,047,754
3	B. ESTIMATED	-	16,020	-	(22,045)	40	25,075	99,595	6,680	-	125,365
4											
5	C. TOTAL	-	66,311	-	(24,001)	59	857,801	268,601	4,348	-	1,173,119
6											
7	NEIGHBORHOOD ENERGY SAVER										
8	A. ACTUAL	\$ -	\$ (363,179)	\$ -	\$ 128,961	\$ 12	\$ 41,780	\$ 348,111	\$ 6,585	\$ -	\$ 162,271
9	B. ESTIMATED	-	391,226	-	(402,305)	(10)	28,220	951,890	2,198	-	971,219
10											
11	C. TOTAL	-	28,046	-	(273,344)	2	70,000	1,300,001	8,783	-	1,133,490
12											
13	BUSINESS ENERGY CHECK										
14	A. ACTUAL	\$ -	\$ 540,370	\$ -	\$ 227,546	\$ 10,932	\$ 129,184	\$ -	\$ 60,762	\$ -	\$ 968,794
15	B. ESTIMATED	-	496,717	-	209,757	78,595	146,719	-	381,577	-	1,313,365
16											
17	C. TOTAL	-	1,037,087	-	437,303	89,527	275,903	-	442,339	-	2,282,159
18											
19	QUALIFYING FACILITY										
20	A. ACTUAL	\$ -	\$ 342,707	\$ -	\$ 813	\$ 815	\$ -	\$ -	\$ 10,200	\$ -	\$ 354,535
21	B. ESTIMATED	-	220,671	-	1,085	5,895	-	-	8,560	-	236,211
22											
23	C. TOTAL	-	563,378	-	1,898	6,710	-	-	18,760	-	590,746
24											
25	INNOVATION INCENTIVE										
26	A. ACTUAL	\$ -	\$ 6,596	\$ -	\$ 2,412	\$ -	\$ -	\$ -	\$ 3,109	\$ -	\$ 12,117
27	B. ESTIMATED	-	4,743	-	-	(1)	5,000	25,000	1,038	-	35,780
28											
29	C. TOTAL	-	11,339	-	2,412	(1)	5,000	25,000	4,147	-	47,897
30											
31	TECHNOLOGY DEVELOPMENT										
32	A. ACTUAL	\$ 1,178	\$ 25,710	\$ -	\$ 23,749	\$ 2,409	\$ 7,889	\$ -	\$ 70,301	\$ -	\$ 131,236
33	B. ESTIMATED	1,837	78,070	-	279,757	80,411	1,179	-	393	-	441,647
34											
35	C. TOTAL	3,015	103,780	-	303,506	82,820	9,068	-	70,694	-	572,883





**PROGRESS ENERGY FLORIDA**  
**SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN**  
**FOR THE PERIOD JANUARY 2008 THROUGH DECEMBER 2008**

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C-3  
 PAGE 4 of 8

LINE NO.	BEGINNING BALANCE	JAN 08	FEB 08	MAR 08	APR 08	MAY 08	JUN 08	JUL 08	AUG 08	SEP 08	OCT 08	NOV 08	DEC 08	TOTAL
1	<b>ENERGY CONSERVATION ADMIN</b>													
2		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
4		70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490
5														
6		1,175	1,175	1,175	1,175	1,175	1,175	1,175	1,175	1,175	1,175	1,175	1,175	14,100
7														
8	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490	70,490
9	14,985	16,160	17,335	18,510	19,685	20,860	22,035	23,210	24,385	25,560	26,735	27,910	29,085	29,085
10	55,505	54,330	53,155	51,980	50,805	49,630	48,455	47,280	46,105	44,930	43,755	42,580	41,405	41,405
11		54,917	53,742	52,567	51,392	50,217	49,042	47,867	46,692	45,517	44,342	43,167	41,992	41,992
12		406	398	389	380	372	363	354	346	337	328	319	311	4,303
13														
14		603	591	577	564	552	539	525	514	500	487	473	462	6,387
15														
16		1,778	1,766	1,752	1,739	1,727	1,714	1,700	1,689	1,675	1,662	1,648	1,637	20,487
17														
18	<b>BUSINESS ENERGY CHECK</b>													
19		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
21		0	0	0	0	0	0	0	0	0	0	0	0	0
22														
23		0	0	0	0	0	0	0	0	0	0	0	0	0
24														
25	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
27	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
29		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
32														
33		0	0	0	0	0	0	0	0	0	0	0	0	0

**NOTES:**

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 8.89% PER THE 2005 RATE CASE SETTLEMENT AGREEMENT, ORDER#PSC-05-1251-FOF-EI
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY RATE OF 38.575%

PROGRESS ENERGY FLORIDA  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2008 THROUGH DECEMBER 2008

DOCKET NO. 080602-EG  
PROGRESS ENERGY FLORIDA  
JOHN A. MASIELLO  
EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
SCHEDULE C-3  
PAGE 5 OF 8

LINE NO.	BEGINNING BALANCE	JAN 08	FEB 08	MAR 08	APR 08	MAY 08	JUN 08	JUL 08	AUG 08	SEP 08	OCT 08	NOV 08	DEC 08	TOTAL
1	HOME ENERGY CHECK													
2	INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
3	RETIREMENTS	6,737	0	0	0	0	0	0	0	0	0	0	0	6,737
4	DEPRECIATION BASE	5,929	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	
5														
6	DEPRECIATION EXPENSE	99	43	43	43	43	43	43	43	43	43	43	43	572
7														
8	CUMM. NET INVEST	9,297	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560
9	LESS: ACC. NET DEPR	6,737	99	142	185	228	271	314	357	400	443	486	529	572
10	NET INVESTMENT	2,560	2,461	2,418	2,375	2,332	2,289	2,246	2,203	2,160	2,117	2,074	2,031	1,988
11	AVERAGE INVESTMENT		2,511	2,440	2,397	2,354	2,311	2,268	2,225	2,182	2,139	2,096	2,053	2,010
12	RETURN ON AVG INVEST		18	18	18	17	17	17	17	16	16	16	15	14
13														
14	RETURN REQUIREMENTS		27	27	27	25	25	25	25	24	24	24	23	21
15														
16	PROGRAM TOTAL		126	70	70	68	68	68	67	67	67	66	64	669
17														
34														
35	HOME ENERGY IMPROVEMENT													
36	INVESTMENTS	0	0	0	4,470	0	5,957	0	0	10,000	0	0	10,000	30,427
37	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE	27,312	27,312	27,312	29,547	31,782	34,761	37,740	37,740	42,740	47,740	47,740	52,740	
39														
40	DEPRECIATION EXPENSE	455	455	455	492	530	579	629	629	712	796	796	879	7,407
41														
42	CUMM. NET INVEST	27,312	27,312	27,312	31,782	31,782	37,740	37,740	37,740	47,740	47,740	47,740	57,740	57,740
43	LESS: ACC. NET DEPR	7,959	8,414	8,869	9,324	9,816	10,346	11,554	12,183	12,895	13,691	14,487	15,366	15,366
44	NET INVESTMENT	19,353	18,898	18,443	17,988	21,966	21,436	26,815	26,186	25,557	34,845	34,049	33,253	42,374
45	AVERAGE INVESTMENT		19,128	18,671	18,216	19,977	21,701	24,125	26,500	25,871	30,201	34,447	33,851	37,813
46	RETURN ON AVG INVEST		142	139	135	148	161	179	196	192	223	256	249	280
47														
48	RETURN REQUIREMENTS		210	206	200	220	239	266	291	285	331	380	370	416
49														
50	PROGRAM TOTAL		665	661	655	712	769	845	920	914	1,043	1,176	1,166	1,295
51														
52	LOAD MANAGEMENT SWITCHES													
53	LOAD CONTROL RECEIVERS, SWITCHES													
54	& HARDWARE - INVESTMENTS	436,226	544,247	353,526	658,092	535,886	745,327	384,144	558,413	558,413	558,413	558,413	558,413	6,449,512
55	RETIREMENTS	24,650	24,412	101,073	165,023	25,247	17,386	95,453	212,841	14,208	17,461	12,892	11,170	721,916
56	AMORTIZATION BASE	8,822,825	7,288,531	7,674,675	8,047,436	8,549,289	9,168,579	9,670,895	9,993,976	10,438,815	10,981,393	11,524,630	12,071,012	
57														
58	AMORTIZATION EXPENSE	113,714	121,476	127,912	134,124	142,488	152,810	161,282	166,567	173,981	183,024	192,078	201,184	1,870,840
59														
60	CUMULATIVE INVEST.	6,617,037	7,028,613	7,548,449	7,800,901	8,293,970	8,804,609	9,532,549	9,821,240	10,166,712	10,710,917	11,251,869	11,797,391	12,344,634
61	LESS: ACC. AMORT.	2,079,291	2,168,355	2,265,419	2,292,258	2,261,359	2,378,600	2,514,024	2,579,853	2,533,479	2,693,252	2,858,815	3,038,001	3,228,015
62	NET INVESTMENT	4,537,747	4,860,259	5,283,030	5,508,644	6,032,611	6,426,009	7,018,526	7,241,387	7,633,233	8,017,665	8,393,055	8,759,390	9,116,619
63	AVERAGE INVESTMENT		4,699,003	5,071,644	5,395,837	5,770,828	6,229,310	6,722,267	7,129,956	7,437,310	7,825,449	8,205,360	8,578,222	8,938,004
64	RETURN ON AVG. INVEST.		34,811	37,572	39,974	42,750	48,149	49,801	52,821	55,097	57,873	60,788	63,536	66,216
65														
66	RETURN REQUIREMENTS		51,858	55,753	59,317	63,436	68,480	73,699	78,381	81,758	86,026	90,203	94,280	98,257
67														
68	PROGRAM TOTAL		165,370	177,229	187,229	197,560	210,968	226,709	239,663	248,325	260,007	273,227	286,358	299,441

NOTES:  
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- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY RATE OF 38.575%

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
 FOR THE PERIOD JANUARY 2008 THROUGH DECEMBER 2008

LINE NO.	BEGINNING BALANCE	JAN 08	FEB 08	MAR 08	APR 08	MAY 08	JUN 08	JUL 08	AUG 08	SEP 08	OCT 08	NOV 08	DEC 08	TOTAL
<b>1 RESIDENTIAL ENERGY MANAGEMENT</b>														
2 INVESTMENTS		262,674	0	0	58,134	0	67,098	0	27,500	27,500	27,500	27,500	27,500	525,406
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		282,544	413,881	413,881	442,948	472,015	505,564	539,113	552,863	580,363	607,863	635,363	662,863	
5														
6 DEPRECIATION EXPENSE		4,709	6,898	6,898	7,382	7,867	8,426	8,985	9,214	9,673	10,131	10,589	11,048	101,820
7														
8 CUMM. NET INVEST	151,207	413,881	413,881	413,881	472,015	472,015	539,113	539,113	566,613	594,113	621,613	649,113	676,613	676,613
9 LESS: ACC. NET DEPR	1,473	6,182	13,080	19,978	27,360	35,227	43,653	52,638	61,852	71,525	81,656	92,245	103,293	103,293
10 NET INVESTMENT	149,734	407,699	400,801	393,903	444,655	436,788	495,460	486,475	504,761	522,588	539,957	556,868	573,320	573,320
11 AVERAGE INVESTMENT		278,717	404,250	397,352	419,279	440,721	466,124	490,967	495,618	513,674	531,272	548,412	565,094	
12 RETURN ON AVG INVEST		2,065	2,995	2,943	3,106	3,265	3,453	3,638	3,672	3,805	3,936	4,063	4,187	41,128
13														
14 RETURN REQUIREMENTS		2,242	4,444	4,367	4,609	4,845	5,124	5,398	5,449	5,646	5,841	6,029	6,213	60,207
15														
16 PROGRAM TOTAL		6,951	11,342	11,265	11,991	12,712	13,550	14,383	14,663	15,319	15,972	16,618	17,261	162,027
17														
<b>18 TECHNOLOGY DEVELOPMENT</b>														
19 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	25,000	0	25,000
20 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21 DEPRECIATION BASE		6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	18,724	31,224	
22														
23 DEPRECIATION EXPENSE		104	104	104	104	104	104	104	104	104	104	312	520	1,872
24														
25 CUMM. NET INVEST	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	31,224	31,224	31,224
26 LESS: ACC. NET DEPR	0	104	208	312	416	520	624	728	832	936	1,040	1,352	1,872	1,872
27 NET INVESTMENT	6,224	6,120	6,016	5,912	5,808	5,704	5,600	5,496	5,392	5,288	5,184	29,872	29,352	29,352
28 AVERAGE INVESTMENT		6,172	6,068	5,964	5,860	5,756	5,652	5,548	5,444	5,340	5,236	17,528	29,612	
29 RETURN ON AVG INVEST		45	45	44	43	43	42	41	40	39	39	130	219	770
30														
31 RETURN REQUIREMENTS		67	67	65	64	64	62	61	59	58	58	193	325	1,143
32														
33 PROGRAM TOTAL		171	171	169	168	168	166	165	163	162	162	505	845	3,015

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166867 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 8.89% PER THE 2005 RATE CASE SETTLEMENT AGREEMENT, ORDER#PSC-05-1251-FOF-EI
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY RATE OF 38.575%

**PROGRESS ENERGY FLORIDA**  
**ENERGY CONSERVATION ADJUSTMENT**  
**CALCULATION OF TRUE-UP**  
**FOR THE PERIOD JANUARY 2008 THROUGH DECEMBER 2008**

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C-3  
 PAGE 7 OF 8

LINE NO.	JAN 08	FEB 08	MAR 08	APR 08	MAY 08	JUN 08	JUL 08	AUG 08	SEP 08	OCT 08	NOV 08	DEC 08	TOTAL FOR THE PERIOD
1A BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
1C HOME ENERGY CHECK	0	0	0	0	0	30	0	0	0	0	0	0	30
1D SUBTOTAL - FEES	0	0	0	0	0	30	0	0	0	0	0	0	30
2 CONSERVATION CLAUSE REVENUES	5,247,729	4,844,799	4,809,601	5,113,809	5,481,296	6,754,132	6,416,972	7,273,473	7,361,266	6,362,736	5,521,448	5,385,572	70,572,833
2A CURRENT PERIOD GRT REFUND	0.00	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	5,247,729	4,844,799	4,809,601	5,113,809	5,481,296	6,754,162	6,416,972	7,273,473	7,361,266	6,362,736	5,521,448	5,385,572	70,572,863
4 PRIOR PERIOD TRUE-UP OVER/(UNDER) (14,173,827)	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,155	14,173,827
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	6,428,881	6,025,951	5,990,753	6,294,961	6,662,448	7,935,314	7,598,124	8,454,625	8,542,418	7,543,888	6,702,600	6,566,727	84,746,690
6 CONSERVATION EXPENSES (C-3,PAGE 3, LINE 46)	5,543,327	6,712,032	5,763,803	6,634,614	6,640,198	6,039,765	6,340,155	7,365,876	7,510,453	7,837,227	7,704,383	7,684,952	81,776,785
7 TRUE-UP THIS PERIOD (O)/U	(885,554)	686,080	(226,950)	339,653	(22,250)	(1,895,549)	(1,257,969)	(1,088,749)	(1,031,965)	293,339	1,001,783	1,118,225	(2,969,905)
8 CURRENT PERIOD INTEREST	(47,104)	(33,400)	(27,681)	(23,714)	(19,957)	(18,068)	(18,948)	(18,932)	(18,725)	(17,113)	(13,429)	(8,899)	(265,970)
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 PERIOD (O)/U	(14,173,827)	(13,925,333)	(12,091,501)	(11,164,978)	(9,667,887)	(8,528,943)	(9,261,408)	(9,357,172)	(9,283,701)	(9,153,239)	(7,695,861)	(5,526,355)	(14,173,827)
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)	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,152	1,181,155	14,173,827
12 END OF PERIOD NET TRUE-UP	(13,925,333)	(12,091,501)	(11,164,978)	(9,667,887)	(8,528,943)	(9,261,408)	(9,357,172)	(9,283,701)	(9,153,239)	(7,695,861)	(5,526,355)	(3,235,874)	(3,235,874)

PROGRESS ENERGY FLORIDA  
 CALCULATION OF INTEREST PROVISION  
 FOR THE PERIOD JANUARY 2008 THROUGH DECEMBER 2008

DOCKET NO. 080002-EG  
 PROGRESS ENERGY FLORIDA  
 JOHN A. MASIELLO  
 EXHIBIT NO. \_\_\_\_\_ (JAM-1P)  
 SCHEDULE C-3  
 PAGE 8 OF 8

LINE NO.	JAN 08	FEB 08	MAR 08	APR 08	MAY 08	JUN 08	JUL 08	AUG 08	SEP 08	OCT 08	NOV 08	DEC 08	TOTAL FOR THE PERIOD
1 BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	(14,173,827)	(13,925,333)	(12,091,501)	(11,164,978)	(9,667,887)	(8,528,943)	(9,261,408)	(9,357,172)	(9,283,701)	(9,153,239)	(7,695,861)	(5,526,355)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(13,878,229)	(12,058,101)	(11,137,298)	(9,644,173)	(8,508,986)	(9,243,340)	(9,338,224)	(9,264,769)	(9,134,514)	(7,678,748)	(5,512,926)	(3,226,975)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(28,052,056)	(25,983,434)	(23,228,799)	(20,809,151)	(18,176,873)	(17,772,282)	(18,599,632)	(18,621,941)	(18,418,215)	(16,831,987)	(13,208,787)	(8,753,330)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(14,026,028)	(12,991,717)	(11,614,399)	(10,404,576)	(9,088,436)	(8,886,141)	(9,299,816)	(9,310,970)	(9,209,107)	(8,415,993)	(6,604,394)	(4,376,665)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	4.98%	3.08%	3.09%	2.63%	2.84%	2.43%	2.45%	2.44%	2.44%	2.44%	2.44%	2.44%	2.44%
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	3.08%	3.09%	2.63%	2.84%	2.43%	2.45%	2.44%	2.44%	2.44%	2.44%	2.44%	2.44%	2.44%
7 TOTAL (LINE 5 AND LINE 6)	8.06%	6.17%	5.72%	5.47%	5.27%	4.88%	4.89%	4.88%	4.88%	4.88%	4.88%	4.88%	4.88%
8 AVERAGE INTEREST RATE (50% OF LINE 7)	4.030%	3.085%	2.860%	2.735%	2.635%	2.440%	2.445%	2.440%	2.440%	2.440%	2.440%	2.440%	2.440%
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(47,104)	(33,400)	(27,681)	(23,714)	(19,957)	(18,068)	(18,948)	(18,932)	(18,725)	(17,113)	(13,429)	(8,899)	(265,970)

CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES  
FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009

<u>MONTH</u>	<u>JURISDICTIONAL MWH SALES</u>	<u>CLAUSE REVENUE NET OF REVENUE TAXES</u>
JANUARY	3,195,736	\$6,463,891
FEBRUARY	3,013,233	\$6,080,461
MARCH	2,913,706	\$5,840,915
APRIL	2,915,717	\$5,823,124
MAY	3,137,876	\$6,281,413
JUNE	3,679,659	\$7,434,180
JULY	3,930,896	\$7,974,071
AUGUST	4,056,156	\$8,222,011
SEPTEMBER	4,111,251	\$8,326,814
OCTOBER	3,563,270	\$7,192,516
NOVEMBER	3,129,562	\$6,249,075
DECEMBER	3,040,404	\$6,083,772
TOTAL	<u>40,687,466</u>	<u>\$81,972,242</u>

## 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 Progress Energy Florida, Inc.'s (PEF) 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 six types of the energy audit: the free walk-thru, the more comprehensive paid walk-thru (\$15 charge), the energy rating (Energy Gauge), the mail-in audit, a web-based audit and a phone assisted audit.

**Program Projections for January 2009 through December 2009:** It is estimated that 42,000 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$6,169,952.

**Program Progress Summary:** The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

### Program Description and Progress

**Program Title:** Home Energy Improvement

**Program Description:** Home Energy Improvement is an umbrella program for residential customers with existing homes. This program combines thermal envelope efficiency improvements with upgraded equipment and appliances. The Home Energy Improvement program includes incentives for measures such as: duct testing, duct leakage repair, attic insulation, injected wall insulation, replacement windows, window film, reflective roofing, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, high efficiency A/C replacing A/C with non-electric heat, HVAC commissioning, plenum sealing, proper sizing and supplemental bonuses.

**Program Projections for January 2009 through December 2009:** It is estimated that 20,000 completions will be performed in this program during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$4,993,042.

**Program Progress Summary:** This program will continue to be offered to residential customers through the Home Energy Check to provide opportunities for improving the energy efficiency of existing homes.



### Program Description and Progress

**Program Title:** Residential New Construction (Home Advantage)

**Program Description:** The Home Advantage Program promotes energy-efficient construction, which exceeds the building code. Information, education, and consultation are provided to homebuilders, contractors, realtors and home buyers on energy-related issues and efficiency measures. This program is designed to encourage single, multi, and manufactured home builders to build more energy efficiently by encouraging a whole house performance view including the installation of climate effective windows, reflective roof materials, upgraded insulation, conditioned space air handler placement, energy recovery ventilation, highly efficient HVAC equipment and quality installation. Incentives are awarded to the builder based on the level of efficiency they choose.

**Program Projections for January 2009 through December 2009:** It is estimated that 12,000 homes representing 200 builders will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$2,468,238.

**Program Progress Summary:** This program is tied to the building industry. Economic forces will dictate the number of homes built during this period.

### Program Description and Progress

**Program Title:** Low-Income Weatherization Assistance Program

**Program Description:** The program goal is to integrate PEF's DSM program measures with the Department of Community Affairs (DCA) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership Progress Energy will assist local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

**Program Projections for January 2009 through December 2009:** It is estimated that 200 participants representing 12 agencies will receive services during 2009.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$140,534.

**Program Progress Summary:** To promote the delivery of efficiency programs state-wide agency meetings are held for all participating agencies. Individual meetings with weatherization providers are conducted throughout PEF territory to encourage participation.

### Program Description and Progress

**Program Title:** Neighborhood Energy Saver Program

**Program Description:** The weatherization program, Neighborhood Energy Saver Program was designed to assist low-income families with escalating energy costs. The goal of this program is to implement a comprehensive package of electric conservation measures at no cost to the customer. In addition to the installation of the conservation measures, an important component of this program is educating families on energy efficiency techniques and the promotion of behavioral changes to help customers control their energy usage.

**Program Projections January 2009 through December 2009:** It is estimated that 4000 households will participate in the Neighborhood Energy Saver Program.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$2,072,186.

**Program Progress Summary:** Year to date we have completed 2 projects (Brooksville-609 and Sebring-729) in addition to a small pilot for Senior Citizens (Perry-24), for a total of 1362 installations. In 2009, we will implement the program in 5 cities to an estimated 4,000 customers. In addition, a Community Outreach Initiative has been implemented. The focus of this initiative is to conduct energy education/information workshops for nonprofit community-based organizations and our residential customer segment.

The Neighborhood Energy Saver Program will continue to educate and motivate consumers to institute measures and behaviors to increase energy efficiency.

### Program Description and Progress

**Program Title:** Load Management (EnergyWise) (Residential & Commercial)

**Program Description:** The Load Management (EnergyWise) program is a voluntary program that incorporates direct radio control of selected customer equipment to reduce system demand during winter and summer 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 2009 through December 2009:** During this period we anticipate adding 7,700 new participants to the program.

**Program Fiscal Expenditures for January 2009 through December 2009:** Program expenditures during this period are projected to be \$22,084,286.

**Program Progress Summary:** As of July 31, 2008 there are 355,598 customers participating in the Load Management (EnergyWise) program.

## Program Description and Progress

**Program Title:** Renewable Energy Saver

**Program Description:** This program consists of two areas that are designed to encourage the installation of renewable energy systems.

**Solar Water Heater with EnergyWise:** This measure encourages residential customers to install a solar thermal water heating system. The customer must have whole house electric cooling, electric water heating, and electric heating to be eligible for this program. Pool heaters and photovoltaic systems do not qualify. In order to qualify for this incentive, the heating, air conditioning, and water heating systems must be on the EnergyWise program and the solar thermal system must provide a minimum of 50% of the water heating load.

**Solar Photovoltaics with EnergyWise:** This measure promotes environmental stewardship and renewable energy education through the installation of solar energy systems at schools within Progress Energy Florida's service territory. Customers participating in the Winter-Only EnergyWise or Year-Round EnergyWise Program can elect to donate their monthly credit toward the Solar Photovoltaics with EnergyWise Fund. The fund will accumulate associated participant credits for a period of 2 years, at which time the customer may elect to renew for an additional 2 years.

All proceeds collected from participating customers, and their associated monthly credits, will be used to promote photovoltaics and renewable energy educational opportunities.

**Program Projections January 2009 through December 2009:** It is estimated that 2053 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$813,122.

**Program Progress Summary:** This program is tied to the solar industry. Economic forces will dictate the number of solar systems installed during this period.

### Program Description and Progress

**Program Title:** Business Energy Check

**Program Description:** The Business Energy Check is an audit for non-residential customers and several options are available. The free audit provides a no-cost energy audit for non-residential facilities and can be completed at the facility by an auditor, or online by the business customer. The paid audit provides a more thorough energy analysis for non-residential facilities. This program acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures for their facility. It serves as the foundation of the Better Business Program and is a requirement for participation.

**Program Projections for January 2009 through December 2009:** It is estimated that 1,965 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$3,836,952.

**Program Progress Summary:**

The Business Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures. The program is required for participation in most of the company's other DSM Business incentive programs.

### 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, roof insulation upgrade, duct leakage and repair, window film, demand-control ventilation, lighting, occupancy sensors, green roof, cool roof coating, high efficiency energy recovery ventilation, compressed air, and HVAC optimization.

**Program Projections for January 2009 through December 2009:** It is estimated that over 300 commercial customers will participate during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$1,667,808.

**Program Progress Summary:** This program will continue to be offered to commercial customers through the Business Energy Check to provide opportunities for improving the energy efficiency of existing facilities.

### Program Description and Progress

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

**Program Description:** This is an umbrella efficiency program for new Commercial and Industrial facilities. This program provides information, education, and advice on energy-related issues and efficiency measures by involvement early in the building's design process. With the exception of ceiling insulation upgrade, duct test and leakage repair, HVAC steam cleaning and roof top HVAC unit recommissioning, the Commercial and Industrial New Construction program provides incentives for the same efficiency measures listed in the Better Business program for existing buildings.

**Program Projections for January 2009 through December 2009:** It is estimated that over 150 commercial customers will participate during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$960,060.

**Program Progress Summary:** This program is tied to the building industry. Economic forces will dictate the number of commercial facilities built during this period.



### Program Description and Progress

**Program Title:** Innovation Incentive

**Program Description:** Significant conservation efforts that are not supported by other Progress Energy programs can be encouraged through Innovation Incentive. Major equipment replacement or other actions that substantially reduce PEF peak demand requirements are evaluated to determine their impact on Progress Energy's system. Incentives are provided for customer-specific demand and energy conservation projects on a case-by-case basis, where cost-effective to all PEF customers. To be eligible, projects must reduce or shift a minimum of 10 kW of peak demand. Examples include refrigeration equipment replacement, microwave drying systems, and inductive heating (to replace resistance heat).

**Program Projections for January 2009 through December 2009:** It is estimated that 4 customers will participate in the program during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$95,758.

**Program Progress Summary:** This program continues to recognize 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:** Progress Energy Florida, Inc. provides an incentive for customers to voluntarily operate their on-site generation during times of system peak.

**Program Projections for January 2009 through December 2009:** It is estimated that 6 new customers will participate in the program during the projection period. It is estimated that at least 3 of these customers will have multiple accounts.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$2,995,714.

**Program Progress Summary:** As of June, 2008 there are 167 active accounts with 42 customers participating in this program. It is estimated that active accounts will grow to 200 by the end of 2008.

### Program Description and Progress

**Program Title:** Interruptible Service Program

**Program Description:** The Interruptible Service program is a rate tariff which allows Progress Energy to switch off electrical service to customers during times of capacity shortages. In return for interruption, the customers receive a monthly rebate on their kW demand charge.

**Program Projections for January 2009 through December 2009:** One new participant is estimated to sign-up during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$19,708,420.

**Program Progress Summary:** As of July 11, 2008, this program has 148 active accounts with 79 customers participating. 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 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 electric load during times of capacity shortages. The curtailment is done voluntarily by the customer when notified by PEF. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

**Program Projections for January 2009 through December 2009:** No new participants are expected during the projection period.

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$906,384.

**Program Progress Summary:** As of July 11, 2008, this program has 8 active accounts with 6 customers participating. 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 or CS-3 tariffs.

## Program Description and Progress

**Program Title:** Technology Development

**Program Description:** This program allows Progress Energy Florida, Inc. to undertake certain development and demonstration projects which have promise to become cost-effective conservation and energy efficiency programs.

**Program Projections for January 2009 through December 2009:** Several research and development projects will continue and/or launch in 2009. Progress Energy Florida will continue to evaluate the performance of photovoltaic energy production with advanced battery energy storage, hydrogen fuel cell equipment and photovoltaics at Homosassa Springs State Wildlife Park, as well as the monitoring of photovoltaic systems at fourteen schools with a related educational curriculum. In 2006, a broadband-over-powerlines initiative was launched to evaluate the potential for a DSM home area network (HAN) and two way communication system. This project has led to the development of a DSM-Smart Grid vision for the next generation of load management. In 2009, a continued emphasis on the technology and components to facilitate a price responsive, energy information and education, load control and energy efficiency program is required. One project to support this initiative is the development of the ability to implement targeted load control to alleviate constrained distribution feeders and/or transformers. This project will allow access to existing Standby Generation (SBG), significant amounts of existing load management customers, as well as the potential to increase participation with SBG and EnergyWise programs. Progress Energy Florida will continue to be committed to educational partnerships and program development to emphasize the collaboration of energy efficiency and renewable energy education associated with the Youth Energy Solutions (YES) program. Additional projects will be implemented to enhance our program offerings to our business customers as well. The Business Energy Check, Green Registered Project Audit, encourages customers to seek green certification and educates customers on how PEF's measures specifically support their effort to meet green certification requirements. PEF will share in a portion of the cost to pursue certification. The Business Energy Saver is a project designed to assist small neighborhood businesses in lowering their electric bill, improving their energy efficiency, and reducing peak demand. These efficiencies will be realized through on-site audits, and the installation of recommended efficiency measures. In addition, several projects that began in 2008 will continue to be reviewed and developed in 2009, including:

### Program Description and Progress

- Solar thermal study of commercial water heating systems
- Solar Hybrid Lighting evaluation of the day-lighting benefits
- Plug-in Hybrid Electric Vehicle with smart-charging and battery discharging
- Photovoltaic energy production with advanced energy storage

New research projects include:

- Small-scale wind energy production analysis
- Efficient turbine with off-peak refrigeration operated by biofuels
- Geothermal heating, cooling and water heating for commercial applications
- Methanol fuel cell energy production from orange peel waste
- Alternative energy sources such as biomass, waste heat and other renewable sources will be evaluated

**Program Fiscal Expenditures for January 2009 through December 2009:** Expenses for this program are projected to be \$800,000.

**Program Progress Summary:** In 2008, Progress Energy Florida received a Florida State Grant to evaluate and demonstrate small-scale wind energy production. Wind resource mapping will begin upon contract completion followed by the installation of five small-scale wind turbines. Commissioned in May 2008, two 5-kW vanadium redox batteries are providing storage of photovoltaic and grid energy to be dispatched during system peak or to support a specific load. In association with another Florida State Grant, and in partnership with the University of Florida, a micro-grid power module has been designed to run off biofuels and enhanced with refrigeration for thermal storage during off-peak system hours. This project has completed design development and has plans for installation and commissioning in 2009. Technology advancement and testing has led to the development of a DSM – Smart Grid vision for the next generation of load management. Testing of components and the development of a tiered pricing structure for price responsive energy efficiency and load control will require bench and customer evaluations. Plug-in hybrid vehicle (PHEV) technology is rapidly advancing and has the potential to reduce emissions, as well as reliance on foreign oil, and provide a distributed generation source of energy for demand support. Progress Energy Florida has converted two hybrid vehicles to PHEVs and is developing partnerships for additional vehicles for testing of smart charging and battery discharging technology. The continued emphasis on solar includes a

### Program Description and Progress

commercial solar thermal evaluation to determine the benefits of solar water heating for various business segments.

In addition to the projects noted, we will continue to pursue other promising new technology projects. A methanol fuel cell project, fueled from citrus peels and including an educational display, will continue our evaluation and demonstration of the benefits from an onsite renewable generator. Research on the potential for renewables in the state of Florida, including biomass, solar and wind will be pursued with the support of university and grant programs.

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, 2009 through December, 2009:** Contracts for new facilities will continue to be negotiated when opportune.

**Program Fiscal Expenditures for January, 2009 through December, 2009:** Expenses for this program are projected to be \$734,684.

**Program Progress Summary:** The total MW of qualifying facility capacity is approximately 800 MW with approximately another 267 MW of qualifying facility capacity that has not yet begun operation.



**TAMPA ELECTRIC COMPANY**  
**SCHEDULES SUPPORTING CONSERVATION**  
**COST RECOVERY FACTOR**  
**ACTUAL**  
**January 2007 - December 2007**

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 080002-EG EXHIBIT 10  
COMPANY Tampa Electric Co. (Direct)  
WITNESS Howard T. Bryant (HTB-1)  
DATE 11-04-08

CONSERVATION COST RECOVERY

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**TAMPA ELECTRIC COMPANY**  
**Energy Conservation**  
**Adjusted Net True-up**  
**For Months January 2007 through December 2007**

**End of Period True-up**

Principal	\$523,649	
Interest	\$43,299	
Total		\$566,948

**Less: Projected True-up**

**(Last Projected Conservation Hearing)**

Principal	\$117,336	
Interest	\$41,333	
Total		\$158,669

Adjusted Net True-up		\$408,279
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**TAMPA ELECTRIC COMPANY**  
**Analysis of Energy Conservation Program Costs**  
**Actual vs. Projected**  
**For Months January 2007 through December 2007**

Description	Actual	Projected	Difference
1 Capital Investment	\$809,935	\$810,207	(\$272)
2 Payroll	\$2,413,537	\$2,549,462	(\$135,925)
3 Materials and Supplies	\$206,948	\$131,645	\$75,303
4 Outside Services	\$880,283	\$862,613	\$17,670
5 Advertising	\$421,760	\$638,782	(\$217,022)
6 Incentives	\$8,829,482	\$8,800,219	\$29,263
7 Vehicles	\$126,486	\$133,786	(\$7,300)
8 Other	\$111,679	\$138,066	(\$26,387)
9 Subtotal	\$13,800,110	\$14,064,780	(\$264,670)
10 Less: Program Revenues	(\$147,525)	(\$30,620)	\$0
11 Total Program Costs	\$13,652,585	\$14,034,160	(\$381,575)
12 Adjustments	\$0	\$0	\$0
13 Beginning of Period True-up	(\$1,192,467)	(\$1,192,467)	\$0
Overrecovery			
14 Amounts included in Base Rates	\$0	\$0	\$0
15 Conservation Adjustment Revenues	(\$12,983,767)	(\$12,959,029)	(\$24,738)
16 True-up Before Interest	\$523,649	\$117,336	\$406,313
17 Interest Provision	\$43,299	\$41,333	\$1,966
18 End of Period True-up	\$566,948	\$158,669	\$408,279

TAMPA ELECTRIC COMPANY  
Actual Conservation Program Costs per Program  
Actuals for Months January 2007 through December 2007

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating and Cooling	\$0	\$51,960	\$1,105	\$4,309	\$0	\$154,250	\$155	\$2,925	\$0	\$214,704
2 Prime Time	807,803	293,722	26,091	51,890	0	6,522,461	20,280	33,573	0	7,755,820
3 Energy Audits	0	1,003,716	65,904	31,211	296,498	0	77,672	40,694	(285)	1,515,410
4 Cogeneration	0	104,432	1,355	0	0	0	2,274	918	0	108,979
5 Commercial Load Management	2,132	1,232	0	88	0	1,717	4	0	0	5,173
6 Commercial Lighting	0	4,197	0	0	0	128,119	40	0	0	132,356
7 Standby Generator	0	17,898	12,939	403	0	630,306	545	0	0	662,089
8 Conservation Value	0	4,675	0	0	0	126,569	87	0	0	131,331
9 Residential Duct Repair	0	138,781	950	1,561	125,262	1,016,950	5,441	12,478	0	1,301,423
10 Renewable Energy Initiative	0	53,244	(24,815)	44,544	0	0	960	8,323	(147,240)	(64,984)
11 Industrial Load Management	0	0	0	0	0	79,952	0	0	0	79,952
12 DSM R&D	0	0	0	60,000	0	0	0	0	0	60,000
13 Common Expenses	0	230,153	1,181	0	0	0	591	3,491	0	235,416
14 Commercial Cooling	0	2,249	0	0	0	46,308	0	0	0	48,557
15 Energy Plus Homes	0	3,548	0	0	0	700	95	580	0	4,923
16 Commercial Demand Response	0	14,224	0	0	0	0	147	1,195	0	15,566
17 Residential Building Improvement	0	127,509	0	0	0	122,150	6,849	1,628	0	258,134
18 Commercial Building Improvement	0	714	0	0	0	0	0	0	0	714
19 Educational Energy Awareness (Pilot)	0	2,011	0	0	0	0	0	0	0	2,011
20 Commercial Duct Repair	0	308	0	0	0	0	0	0	0	308
21 Commercial Energy Efficiency Motors	0	376	0	0	0	0	0	0	0	376
22 Commercial Chiller Replacement	0	489	0	0	0	0	0	0	0	489
23 Commercial Occupancy Sensors	0	387	0	0	0	0	0	0	0	387
24 Commercial Refrigeration	0	376	0	0	0	0	0	0	0	376
25 Commercial Water Heating	0	237	0	0	0	0	0	0	0	237
26 Residential Low-income Weatherization	0	2,720	0	2,072	0	0	0	21	0	4,813
27 Price Responsive Load Management	0	354,381	122,238	684,205	0	0	11,346	5,855	0	1,178,025
28 Total All Programs	\$809,935	\$2,413,537	\$206,948	\$880,283	\$421,760	\$8,829,482	\$126,486	\$111,679	(\$147,525)	\$13,652,585

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TAMPA ELECTRIC COMPANY  
Conservation Program Costs per Program  
Variance - Actual vs. Projected  
For Months January 2007 through December 2007

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating and Cooling	\$0	(\$964)	\$0	\$1,170	\$0	\$2,555	(\$270)	\$0	\$0	\$2,491
2 Prime Time	(272)	(232,862)	10,172	6,213	0	(12,251)	(1,832)	(761)	0	(231,593)
3 Energy Audits	0	(46,123)	(22,522)	(10,796)	(90,162)	0	3,783	(9,044)	(285)	(175,149)
4 Cogeneration	0	(14,898)	0	0	0	0	(446)	303	0	(15,041)
5 Commercial Load Management	0	(757)	0	0	0	303	(29)	0	0	(483)
6 Commercial Lighting	0	403	0	0	0	37,560	(225)	0	0	37,738
7 Standby Generator	0	2,414	(205)	403	0	(75,136)	(1,054)	0	0	(73,578)
8 Conservation Value	0	659	0	0	0	(78,196)	(91)	0	0	(77,628)
9 Residential Duct Repair	0	10,071	(40)	(3,884)	(37,455)	66,580	(8,566)	775	0	27,481
10 Renewable Energy Initiative	0	(5,774)	69,767	7,617	0	(342)	407	(20,039)	(116,620)	(64,984)
11 Industrial Load Management	0	0	0	0	0	65,028	0	0	0	65,028
12 DSM R&D	0	0	0	0	0	0	0	0	0	0
13 Common Expenses	0	19,293	1,181	0	0	0	263	840	0	21,577
14 Commercial Cooling	0	(66)	0	0	0	(3,588)	(4)	0	0	(3,658)
15 Energy Plus Homes	0	(3,119)	(2,500)	(300)	0	(1,800)	(36)	0	0	(7,755)
16 Price Responsive Load Management	0	98,183	22,059	117,675	(88,905)	0	362	323	0	149,697
17 Residential Building Improvement	0	40,284	(109)	0	0	28,550	441	0	0	69,186
18 Educational Energy Awareness (Pilot)	0	(85)	0	(20,000)	0	0	0	0	0	(20,085)
19 Residential Low-Income Weatherization	0	185	(800)	(5,428)	0	0	(150)	21	0	(6,172)
20 Commercial Duct Repair	0	(1,099)	0	0	0	0	0	0	0	(1,099)
21 Commercial Building Improvement	0	(663)	(1,000)	0	0	0	0	0	0	(1,663)
22 Commercial Energy Efficient Motors	0	(1,031)	0	0	0	0	0	0	0	(1,031)
23 Commercial Demand Response	0	9,607	0	(75,000)	0	0	147	1,195	0	(64,051)
24 Commercial Chiller Replacement	0	(2,851)	0	0	0	0	0	0	0	(2,851)
25 Commercial Occupancy Sensors	0	(2,623)	0	0	(500)	0	0	0	0	(3,123)
26 Commercial Refrigeration	0	(1,934)	0	0	0	0	0	0	0	(1,934)
27 Commercial Water Heating	0	(2,175)	(700)	0	0	0	0	0	0	(2,875)
<b>Total All Programs</b>	<b>(\$272)</b>	<b>(\$135,925)</b>	<b>\$75,303</b>	<b>\$17,670</b>	<b>(\$217,022)</b>	<b>\$29,263</b>	<b>(\$7,300)</b>	<b>(\$26,387)</b>	<b>(\$116,905)</b>	<b>(\$381,575)</b>

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TAMPA ELECTRIC COMPANY  
 Description for Accounts  
 For Months January 2007 through December 2007

18251	RESIDENTIAL LOAD MANAGEMENT	90876	COMMERCIAL ENERGY EFFICIENT MOTORS
18252	COMMERCIAL-INDUSTRIAL LOAD MGT	90877	DEFERRED CONSERVATION EXPENSE
18253	PRICE RESPONSIVE LOAD MGMT	90878	DEFERRED CONSERVATION INTEREST
45609	OTHER REVENUE COMM & IND AUDIT	90879	AMORT DEFERRED CONSERVATION EXPENSE
45610	OTHER ELECTRIC REVENUE PARKING	90880	COMMERCIAL DEMAND RESPONSE
45611	JOB ORDER REVENUES	90881	COMMERCIAL CHILLER
45612	OTHER REVENUE-BERS-BLDG ENERGY EFF	90882	COMMERCIAL LIGHTING OCCUPANCY SENSOR
90849	COMMON RECOVERABLE CONS COSTS	90883	COMMERCIAL REFRIGERATION
90850	HEATING & COOLING PROGRAM	90884	COMMERCIAL WATER HEATING PROGRAM
90851	PRIME TIME EXPENSES	90885	DSM R&D LANDFILL GAS MICROTURBINE
90852	RESIDENTIAL CUSTOMER ASSISTED AUDIT	90886	DSM R&D DAIS ANALYTIC MER SYST
90853	RESIDENTIAL PHONE-ASSISTED AUDIT	90887	DSM R&D SOLAR PHOTOVOLTAICS
90854	COMPREHENSIVE HOME SURVEY	90888	LOW INCOME WEATHERIZATION
90855	FREE HOME ENERGY CHECK	90890	DSM COMMERCIAL R&D
90856	COMPREHENSIVE C/I AUDIT	90891	DSM COMMERCIAL COOLING
90857	FREE C/I AUDIT	90892	ENERGY PLUS HOMES
90858	WALL INSULATION	90893	PRICE RESPONSIVE LOAD MGMT R&D
90859	WINDOW REPLACEMENT	90950	HEATING & COOLING PROG ADVERTISING
90860	RESIDENTIAL BERS AUDIT	90951	PRIME TIME ADVERTISING
90861	COGENERATION	90952	RESIDENTIAL CUSTOMER ASSISTED - ADVERTISING
90862	WINDOW FILM	90954	COMPREHENSIVE HOME SURVEY ADVERTISING
90863	EDUCATIONAL ENERGY AWARENESS	90955	FREE HOME ENERGY CHECK ADVERTISING
90864	COMMERCIAL DUCT REPAIR PROGRAM	90957	FREE C/I AUDIT ADVERTISING
90865	INDUSTRIAL LOAD MANAGEMENT	90965	INDUSTRIAL LOAD MANAGMENT ADVERTISING
90866	CEILING INSULATION	90966	CEILING INSULATION ADVERTISING
90867	COMMERCIAL LOAD MGMT	90967	C&I LOAD MANAGEMENT ADVERTISING
90868	COMMERCIAL INDOOR LIGHTING PROGRAM	90968	COMMERCIAL INDOOR LIGHTING PROGRAM ADVERTISING
90869	STANDBY GENERATOR PROGRAM	90969	STANDBY GENERATOR PROGRAM ADVERTISING
90870	CONSERVATION VALUE PROGRAM	90970	CONSERVATION VALUE PROGRAM ADVERTISING
90871	RESIDENTIAL DUCT EFFICIENCY	90971	RESIDENTIAL DUCT EFFICIENCY ADVERTISING
90872	RENEWABLE ENERGY INITIATIVE	90972	RENEWABLE ENERGY INITIATIVE ADVERTISING
90873	COMMERCIAL SOLAR WINDOW FILM	90991	COMMERCIAL COOLING ADVERTISING
90874	COMMERCIAL CEILING INSULATION	90992	ENERGY PLUS HOMES ADVERTISING
90875	COMMERCIAL WALL INSULATION	90993	PRICE RESPONSIVENESS LOAD MGMT

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Summary of Expenses by Program by Month  
Actual for Months January 2007 through December 2007

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Heating and Cooling	\$12,338	\$12,906	\$10,280	\$16,141	\$22,132	\$20,826	\$13,755	\$26,037	\$27,416	\$22,975	\$15,254	\$14,644	\$214,704
2 Prime Time	760,978	764,969	754,062	589,834	592,311	592,884	603,556	594,516	585,011	570,730	678,269	648,600	7,755,820
3 Energy Audits	56,985	121,004	118,559	77,265	132,479	100,745	140,475	208,888	105,069	123,269	149,721	160,951	1,515,410
4 Cogeneration	8,211	7,879	12,784	9,575	10,574	7,737	8,331	13,515	7,978	8,068	6,622	7,706	108,979
5 Commercial Load Management	425	206	427	384	429	208	631	408	635	798	255	367	5,173
6 Commercial Indoor Lighting	944	-21	64,479	90	320	1,537	111	26,139	8,266	8,199	1,837	20,455	132,356
7 Standby Generator	50,423	53,785	48,730	57,665	53,640	44,873	82,526	63,613	66,179	60,475	665	79,515	662,089
8 Conservation Value	141	496	1,001	133	347	17,758	225	26,387	83,773	505	306	259	131,331
9 Residential Duct Repair	96,132	125,461	81,576	53,066	120,483	125,652	90,222	147,168	113,579	129,049	76,314	142,721	1,301,423
10 Renewable Energy Initiative	0	0	0	0	0	0	0	0	0	0	0	0	(64,984)
11 Industrial Load Management	5,343	5,687	3,894	0	0	0	0	0	0	0	65,028	0	79,952
12 DSM R&D	0	0	0	0	0	0	0	60,000	0	0	0	0	60,000
13 Common Expenses	11,696	18,330	34,813	19,853	18,636	18,399	12,013	30,042	16,685	16,562	19,461	18,916	235,416
14 Commercial Cooling	263	1,721	1	14,184	142	325	-50	12,611	12,893	87	6,004	376	48,557
15 Energy Plus Homes	45	528	199	573	325	1,655	133	284	1,005	39	156	(19)	4,923
16 Commercial Demand Response	0	0	0	0	0	0	0	0	1,380	742	6,616	7,828	15,566
17 Residential Building Improvement	12,557	16,063	21,617	23,990	17,057	18,205	15,372	38,525	25,296	29,662	20,947	18,843	258,134
18 Commercial Building Improvement	0	0	0	0	0	0	0	0	0	0	0	714	714
19 Educational Energy Awareness (Pilot)	0	0	0	0	0	0	0	0	0	0	0	2,011	2,011
20 Commercial Duct Repair	0	0	0	0	0	0	0	0	0	0	0	308	308
21 Commercial Energy Efficiency Motors	0	0	0	0	0	0	0	0	0	0	0	376	376
22 Commercial Chillers Replacement	0	0	0	0	0	0	0	0	0	0	0	489	489
23 Commercial Occupancy Sensors	0	0	0	0	0	0	0	0	0	0	0	387	387
24 Commercial Refrigeration	0	0	0	0	0	0	0	0	0	0	0	376	376
25 Commercial Water Heating	0	0	0	0	0	0	0	0	0	0	0	237	237
26 Residential Low-Income Weatherization	0	0	0	0	0	0	0	0	0	0	0	4,813	4,813
27 Price Responsive Load Management	62,320	67,645	36,202	90,359	72,966	166,131	83,929	88,156	51,381	141,010	116,848	201,078	1,178,025
28 Total	1,078,801	1,196,659	1,188,624	963,122	1,041,841	1,116,935	1,051,229	1,336,389	1,116,546	1,112,170	1,163,303	1,286,966	13,652,585
29 Less: Amount Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conservation Expenses	\$1,078,801	\$1,196,659	\$1,188,624	\$963,122	\$1,041,841	\$1,116,935	\$1,051,229	\$1,336,389	\$1,116,546	\$1,112,170	\$1,163,303	\$1,286,966	\$13,652,585

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2007 through December 2007

Description	January	February	March	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	\$0	\$0	\$0
2 Conservation Adjustment Revenues *	1,009,534	821,125	915,982	843,308	1,026,504	1,131,172	1,264,209	1,277,717	1,377,336	1,177,485	895,872	943,523	12,983,767
3 Total Revenues	1,009,534	821,125	915,982	843,308	1,026,504	1,131,172	1,264,209	1,277,717	1,377,336	1,177,485	895,872	943,523	12,983,767
4 Prior Period True-up	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,372</u>	<u>99,375</u>	<u>1,192,467</u>
5 Conservation Revenue Applicable to Period	1,108,906	1,020,497	1,015,354	1,042,680	1,125,876	1,230,544	1,363,581	1,377,089	1,476,708	1,276,857	1,095,244	1,042,898	14,178,234
6 Conservation Expenses	<u>1,078,801</u>	<u>1,196,659</u>	<u>1,188,824</u>	<u>863,122</u>	<u>1,041,841</u>	<u>1,116,935</u>	<u>1,051,229</u>	<u>1,336,389</u>	<u>1,116,546</u>	<u>1,112,170</u>	<u>1,163,303</u>	<u>1,266,966</u>	13,652,585
7 True-up This Period (Line 5 - Line 6)	30,105	(176,162)	(173,270)	79,558	84,035	113,609	312,352	40,700	360,162	164,887	(68,059)	(244,068)	523,649
8 Interest Provision This Period	5,083	4,338	3,157	2,530	2,464	2,478	2,981	3,446	3,851	4,201	3,892	4,878	43,299
9 True-up & Interest Provision Beginning of Period	1,192,467	1,128,283	857,087	587,802	570,318	557,445	574,160	790,121	734,895	989,536	1,069,052	905,513	1,192,467
10 Prior Period True-up Collected (Refunded)	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,372)</u>	<u>(99,375)</u>	<u>(1,192,467)</u>
11 End of Period Total Net True-up	<u>\$1,128,283</u>	<u>\$857,087</u>	<u>\$587,602</u>	<u>\$570,318</u>	<u>\$557,445</u>	<u>\$574,160</u>	<u>\$790,121</u>	<u>\$734,895</u>	<u>\$999,536</u>	<u>\$1,069,052</u>	<u>\$905,513</u>	<u>\$566,948</u>	<u>\$566,948</u>

\* Net of Revenue Taxes

(A) Included in Line 6

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2007 through December 2007

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	\$1,192,467	\$1,128,283	\$857,087	\$587,602	\$570,318	\$557,445	\$574,160	\$790,121	\$734,895	\$999,536	\$1,069,052	\$905,513	
2 Ending True-up Amount Before Interest	1,123,200	852,749	584,445	587,788	554,981	571,682	787,140	731,449	995,685	1,064,851	901,621	562,070	
3 Total Beginning & Ending True-up	<u>2,315,667</u>	<u>1,981,032</u>	<u>1,441,532</u>	<u>1,155,390</u>	<u>1,125,299</u>	<u>1,129,127</u>	<u>1,361,300</u>	<u>1,521,570</u>	<u>1,730,580</u>	<u>2,064,387</u>	<u>1,970,673</u>	<u>1,467,583</u>	
4 Average True-up Amount (50% of Line 3)	<u>1,157,834</u>	<u>990,516</u>	<u>720,766</u>	<u>577,695</u>	<u>562,650</u>	<u>564,564</u>	<u>680,650</u>	<u>760,785</u>	<u>865,290</u>	<u>1,032,194</u>	<u>985,337</u>	<u>733,792</u>	
5 Interest Rate - First Day of Month	5.270%	5.260%	5.260%	5.260%	5.260%	5.260%	5.280%	5.240%	5.620%	5.050%	4.720%	4.750%	
6 Interest Rate - First Day of Next Month	5.260%	5.260%	5.260%	5.260%	5.260%	5.280%	5.240%	5.620%	5.050%	4.720%	4.750%	4.980%	
7 Total (Line 5 + Line 6)	10.530%	10.520%	10.520%	10.520%	10.520%	10.540%	10.520%	10.860%	10.670%	9.770%	9.470%	9.730%	
8 Average Interest Rate (50% of Line 7)	5.265%	5.260%	5.260%	5.260%	5.260%	5.270%	5.260%	5.430%	5.335%	4.885%	4.735%	4.865%	
9 Monthly Average Interest Rate (Line 8/12)	0.439%	0.438%	0.438%	0.438%	0.438%	0.439%	0.438%	0.453%	0.445%	0.407%	0.395%	0.405%	
10 Interest Provision (Line 4 x Line 9)	\$5,083	\$4,338	\$3,157	\$2,530	\$2,464	\$2,478	\$2,981	\$3,446	\$3,851	\$4,201	\$3,892	\$4,878	\$43,299

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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2007 through December 2007

PRIME TIME

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Retirements		94,855	66,638	103,991	159,729	180,205	112,726	167,749	195,214	143,095	179,446	128,356	86,197	1,618,201
3 Depreciation Base		4,215,566	4,148,928	4,044,937	3,885,208	3,705,003	3,592,277	3,424,528	3,229,314	3,086,219	2,906,773	2,778,417	2,692,220	
4 Depreciation Expense		71,050	69,704	68,282	66,085	63,252	60,811	58,473	55,449	52,629	49,942	47,377	45,589	708,643
5 Cumulative Investment	\$4,310,421	\$4,215,566	\$4,148,928	\$4,044,937	\$3,885,208	\$3,705,003	\$3,592,277	\$3,424,528	\$3,229,314	\$3,086,219	\$2,906,773	\$2,778,417	\$2,692,220	\$2,692,220
6 Less: Accumulated Depreciation	3,073,774	3,049,969	3,053,035	3,017,326	2,923,682	2,806,729	2,754,814	2,645,538	2,505,773	2,415,307	2,285,803	2,204,824	2,164,216	2,164,216
7 Net Investment	\$1,236,647	\$1,165,597	\$1,095,893	\$1,027,611	\$961,526	\$898,274	\$837,463	\$778,990	\$723,541	\$670,912	\$620,970	\$573,593	\$528,004	\$528,004
8 Average Investment		1,201,122	1,130,745	1,061,752	994,569	929,900	867,869	808,227	751,266	697,227	645,941	597,282	550,799	
9 Return on Average Investment		7,147	6,728	6,317	5,918	5,533	5,164	4,809	4,470	4,149	3,843	3,554	3,277	60,909
10 Return Requirements		11,635	10,953	10,284	9,635	9,008	8,407	7,829	7,277	6,755	6,256	5,766	5,335	99,160
11 Total Depreciation and Return		\$82,685	\$80,657	\$78,566	\$75,720	\$72,260	\$69,218	\$66,302	\$62,726	\$59,384	\$56,198	\$53,163	\$50,924	\$807,803

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.

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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2007 through December 2007

COMMERCIAL LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3 Depreciation Base		8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	
4 Depreciation Expense		141	141	141	141	141	141	141	141	141	141	141	141	1,692
5 Cumulative Investment	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460	\$8,460
6 Less: Accumulated Depreciation	3,842	3,983	4,124	4,265	4,406	4,547	4,688	4,829	4,970	5,111	5,252	5,393	5,534	5,534
7 Net Investment	\$4,618	\$4,477	\$4,336	\$4,195	\$4,054	\$3,913	\$3,772	\$3,631	\$3,490	\$3,349	\$3,208	\$3,067	\$2,926	\$2,926
8 Average Investment		4,548	4,407	4,266	4,125	3,984	3,843	3,702	3,561	3,420	3,279	3,138	2,997	
9 Return on Average Investment		27	26	25	25	24	23	22	21	20	20	19	18	270
10 Return Requirements		44	42	41	41	39	37	36	34	33	33	31	29	440
11 Total Depreciation and Return		\$185	\$183	\$182	\$182	\$180	\$178	\$177	\$175	\$174	\$174	\$172	\$170	\$2,132

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.

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2007 through December 2007

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3 Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	0
4 Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
5 Cumulative Investment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6 Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Net Investment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
9 Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
10 Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
11 Total Depreciation and Return		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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.

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Page 1 of 1

**TAMPA ELECTRIC COMPANY**  
**Reconciliation and Explanation of**  
**Difference Between Filing and FPSC Audit**  
**For Months January 2007 through December 2007**

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

### **Program Description and Progress**

**Program Title:** Heating and Cooling Program

**Program Description:** This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
In this reporting period 1,224 units were installed.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$214,704.

**Program Progress Summary:** Through this reporting period 161,999 approved units have been installed.

## Program Description and Progress

Program Title: Prime Time

Program Description: This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating and pool pumps. Participating customers receive monthly credits on their electric bills. Per Commission Order No. PSC-05-0181-PAA-EG issued February 16, 2005, this program is closed to new participants.

Program Accomplishments: January 1, 2007 to December 31, 2007  
There were 3,474 net customers that discontinued participation during this reporting period.

Program Fiscal Expenditures: January 1, 2007 to December 31, 2007  
Actual expenses were \$7,755,820.

Program Progress Summary: Through this reporting period there are 53,555 participating customers.



### **Program Description and Progress**

**Program Title:** Energy Audits

**Program Description:** These are on-site audits of residential, commercial and industrial premises and residential customer assisted on-line and telephone surveys that instruct customers on how to use conservation measures and practices to reduce their energy usage.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
Number of audits completed:  
Residential on-site - 6,512  
Residential customer assisted - 1,603  
Commercial on-site - 618

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$1,515,410.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to expand the company's existing Energy Audit programs to include a customer assisted telephone audit was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG; issued October 15, 2007.

Through this reporting period 262,125 on-site audits have been performed. Additionally, the company has processed 112,353 residential and commercial customer assisted audits.

## Program Description and Progress

**Program Title:** Cogeneration

**Program Description:** This program encourages the development of cost-effective commercial and industrial cogeneration facilities through the evaluation and administration of standard offers and the negotiation of contracts for the purchase of firm capacity and energy.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
The company continued communication and interaction with all present and potential customers.

Tampa Electric completed the development and publication of the 20-Year Cogeneration Forecast, reviewed proposed cogeneration opportunities for cost-effectiveness and answered data requests from existing cogenerators. The company also attended meetings as scheduled with cogeneration customer personnel at selected facilities.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$108,979.

**Program Progress Summary:** The total maximum generation by electrically interconnected cogeneration during 2007 was 441 MW and 2,818 GWH.

The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities. Currently there are 12 Qualifying Facilities with generation on-line in Tampa Electric's service area.

### **Program Description and Progress**

**Program Title:** Commercial Load Management

**Program Description:** This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
No new customers were added to the program during this reporting period.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$5,173.

**Program Progress Summary:** Through this reporting period there are 6 participating customers.

### Program Description and Progress

Program Title: Commercial Lighting

Program Description: This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

Program Accomplishments: January 1, 2007 to December 31, 2007  
In this reporting period 44 customers received an incentive.

Program Fiscal Expenditures: January 1, 2007 to December 31, 2007  
Actual program expenses were \$132,356.

Program Progress Summary: On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to expand the company's existing Lighting program to include incentives for conditioned and unconditioned spaces was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Through this reporting period 1,107 customers have received an incentive.

### **Program Description and Progress**

**Program Title:** Standby Generator

**Program Description:** This is a program designed to utilize the emergency generation capacity at firm commercial and industrial facilities in order to reduce weather-sensitive peak demand.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
Nine new customers were added during this reporting period.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$662,089.

**Program Progress Summary:** Through this reporting period there are 41 participating customers.

### **Program Description and Progress**

**Program Title:** Conservation Value

**Program Description:** This is an incentive program for firm commercial and industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
Three new customers qualified for an incentive during this reporting period.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$131,331.

**Program Progress Summary:** Through this reporting period 31 customers have qualified and received the appropriate incentive.

Pursuant to Docket No. 900885-EG, Commission Order No. 24276, issued March 25, 1991 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 as well as other program costs incurred during the January 2007 through December 2007 period. The table format was filed with the Commission on April 23, 1991 in response to the aforementioned order requesting the program participation standards.

TAMPA ELECTRIC COMPANY  
CONSERVATION VALUE PROGRAM  
CUSTOMER INCENTIVE PAYMENT SCHEDULE  
JANUARY 2007 - DECEMBER 2007

CUSTOMER DATA	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
PARK TOWER ASSOCIATED LLC <sup>(1)</sup>						\$5,413						
AVG. SUM DEMAND SAVING: 54.13 kW												
AVG. WIN DEMAND SAVING: 11.09 kW												
ANNUAL ENERGY SAVING: 392,861 kWh												
FOON LION LLC <sup>(1)</sup>						\$12,099						
AVG. SUM DEMAND SAVING: 120.99 kW												
AVG. WIN DEMAND SAVING: 120.99 kW												
ANNUAL ENERGY SAVING: 377,654 kWh												
HILLSBOROUGH COUNTY SCHOOLS <sup>(2)</sup>								\$6,745				
AVG. SUM DEMAND SAVING: 67.45 kW												
AVG. WIN DEMAND SAVING: 17.08 kW												
ANNUAL ENERGY SAVING: 239,667 kWh												
HILLSBOROUGH COUNTY <sup>(2)</sup>								\$6,966				
AVG. SUM DEMAND SAVING: 93.79 kW												
AVG. WIN DEMAND SAVING: 19.22 kW												
ANNUAL ENERGY SAVING: 327,387 kWh												
HILLSBOROUGH COUNTY SCHOOLS <sup>(2)</sup>								\$11,996				
AVG. SUM DEMAND SAVING: 119.96 kW												
AVG. WIN DEMAND SAVING: 23.96 kW												
ANNUAL ENERGY SAVING: 425,205 kWh												
NEILSEN MEDIA RESEARCH <sup>(1)</sup>											\$83,350	
AVG. SUM DEMAND SAVING: 445.00 kW												
AVG. WIN DEMAND SAVING: 1,111.00 kW												
ANNUAL ENERGY SAVING: 1,222,480 kWh												
MONTHLY TOTALS:	\$0	\$0	\$0	\$0	\$0	\$17,512	\$0	\$25,707	\$0	\$0	\$83,350	\$0

TOTAL INCENTIVES PAID FOR PERIOD: \$126,569  
TOTAL OTHER EXPENSES FOR PERIOD: \$4,762  
GRAND TOTAL EXPENSES FOR PERIOD: \$131,331

<sup>(1)</sup> Represents first of two incentive payments. Second payment to be made in 2008.

<sup>(2)</sup> Represents final incentive payment. Initial incentive paid in 2007.

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**INPUT DATA - PART 1**  
**PROGRAM TITLE: Park Towers**

PSC FORM CE 1.1  
PAGE 1 OF 1  
RUN DATE: May 22 2006

PROGRAM DEMAND SAVINGS & LINE LOSSES		
I. (1) CUSTOMER KW REDUCTION AT THE METER	54.130 KW /CUST	
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	51.830 KW GEN/CUST	
I. (3) KW LINE LOSS PERCENTAGE	6.5 %	
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	200572 KWH/CUST/YR	
I. (5) KWH LINE LOSS PERCENTAGE	5.8 %	
I. (6) GROUP LINE LOSS MULTIPLIER	1	
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR	
I. (8)* CUSTOMER KWH REDUCTION AT METER	188939 KWH/CUST/YR	

ECONOMIC LIFE & K FACTORS		
II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	20 YEARS	
II. (2) GENERATOR ECONOMIC LIFE	26 YEARS	
II. (3) T & D ECONOMIC LIFE	26 YEARS	
II. (4) K FACTOR FOR GENERATION	1.6926	
II. (5) K FACTOR FOR T & D	1.6926	
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1	

UTILITY & CUSTOMER COSTS		
III. (1) UTILITY NONRECURRING COST PER CUSTOMER	1200.00 \$/CUST	
III. (2) UTILITY RECURRING COST PER CUSTOMER	0.00 \$/CUST/YR	
III. (3) UTILITY COST ESCALATION RATE	2.2 %	
III. (4) CUSTOMER EQUIPMENT COST	75000.00 \$/CUST	
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.2 %	
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR	
III. (7) CUSTOMER O & M ESCALATION RATE	2.2 %	
III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST	
III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %	
III. (10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR	
III. (11)* SUPPLY COSTS ESCALATION RATE	0 %	
III. (12)* UTILITY DISCOUNT RATE	0.0909	
III. (13)* UTILITY AFUDC RATE	0.0779	
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	10826.00 \$/CUST	
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	0.00 \$/CUST/YR	
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %	

AVOIDED GENERATOR, TRANS. & DIST COSTS		
IV. (1) BASE YEAR	2006	
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2009	
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2009	
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	290.56 \$/KW	
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/KW	
IV. (6) BASE YEAR DISTRIBUTION COST	0 \$/KW	
IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.3 %	
IV. (8) GENERATOR FIXED O & M COST	2.623 \$/KW/YR	
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.2 %	
IV. (10) TRANSMISSION FIXED O & M COST	0 \$/KW/YR	
IV. (11) DISTRIBUTION FIXED O & M COST	0 \$/KW/YR	
IV. (12) T&D FIXED O&M ESCALATION RATE	2.2 %	
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.8394 CENTS/KWH	
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.2 %	
IV. (15) GENERATOR CAPACITY FACTOR	6.5 %	
IV. (16) AVOIDED GENERATING UNIT FUEL COST	8.72 CENTS/KWH	
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	3.2043 %	
IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$/KW/YR	
IV. (19)* CAPACITY COST ESCALATION RATE	0 %	

NON-FUEL ENERGY AND DEMAND CHARGES		
V. (1) NON-FUEL COST IN CUSTOMER BILL	1.370 CENTS/KWH	
V. (2) NON-FUEL ESCALATION RATE	1 %	
V. (3) CUSTOMER DEMAND CHARGE PER KW	7.25 \$/KW/MO	
V. (4) DEMAND CHARGE ESCALATION RATE	1 %	
V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	1.57	

CALCULATED BENEFITS AND COSTS	
(1)* TRC TEST - BENEFIT/COST RATIO	2.03
(2)* PARTICIPANT NET BENEFITS (NPV)	119
(3)* RIM TEST - BENEFIT/COST RATIO	1.37

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**INPUT DATA - PART 1**  
**PROGRAM TITLE: Food Lion LLC**

PSC FORM CE 1.1  
 PAGE 1 OF 1  
 RUN DATE: April 16,2007

**PROGRAM DEMAND SAVINGS & LINE LOSSES**

I. (1) CUSTOMER KW REDUCTION AT THE METER	120.990 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	133.956 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	778826 KWH/CUST/YR
I. (5) KWH LINE LOSS PERCENTAGE	5.8 %
I. (6) GROUP LINE LOSS MULTIPLIER	1
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR
I. (8)* CUSTOMER KWH REDUCTION AT METER	733654 KWH/CUST/YR

**ECONOMIC LIFE & K FACTORS**

II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	15 YEARS
II. (2) GENERATOR ECONOMIC LIFE	26 YEARS
II. (3) T & D ECONOMIC LIFE	26 YEARS
II. (4) K FACTOR FOR GENERATION	1.6926
II. (5) K FACTOR FOR T & D	1.6926
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1

**UTILITY & CUSTOMER COSTS**

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	1200.00 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	0.00 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.2 %
III. (4) CUSTOMER EQUIPMENT COST	376725.00 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.2 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.2 %
III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST
III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %
III. (10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR
III. (11)* SUPPLY COSTS ESCALATION RATE	0 %
III. (12)* UTILITY DISCOUNT RATE	0.0909
III. (13)* UTILITY AFUDC RATE	0.0779
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	24070.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	0.00 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

**AVOIDED GENERATOR, TRANS. & DIST COSTS**

IV. (1) BASE YEAR	2006
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2009
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2009
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	230.56 \$/KW
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/KW
IV. (6) BASE YEAR DISTRIBUTION COST	0 \$/KW
IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.3 %
IV. (8) GENERATOR FIXED O & M COST	2.623 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.2 %
IV. (10) TRANSMISSION FIXED O & M COST	0 \$/KW/YR
IV. (11) DISTRIBUTION FIXED O & M COST	0 \$/KW/YR
IV. (12) T&D FIXED O&M ESCALATION RATE	2.2 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.8394 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.2 %
IV. (15) GENERATOR CAPACITY FACTOR	6.5 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	8.72 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	3.2043 %
IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$/KW/YR
IV. (19)* CAPACITY COST ESCALATION RATE	0 %

**NON-FUEL ENERGY AND DEMAND CHARGES**

V. (1) NON-FUEL COST IN CUSTOMER BILL	1.370 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	7.25 \$/KW/MO
V. (4) DEMAND CHARGE ESCALATION RATE	1 %
V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	1

**CALCULATED BENEFITS AND COSTS**

(1)* TRC TEST - BENEFIT/COST RATIO	1.18
(2)* PARTICIPANT NET BENEFITS (NPV)	93
(3)* RIM TEST - BENEFIT/COST RATIO	2.18

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**INPUT DATA - PART 1**  
**PROGRAM TITLE: Neilsen Media**

PSC FORM CE 1.1  
 PAGE 1 OF 1  
 RUN DATE: February 27, 2007

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**PROGRAM DEMAND SAVINGS & LINE LOSSES**

I. (1) CUSTOMER KW REDUCTION AT THE METER	1111.000 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	1104.704 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	1297749 KWH/CUST/YR
I. (5) KWH LINE LOSS PERCENTAGE	5.8 %
I. (6) GROUP LINE LOSS MULTIPLIER	1
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR
I. (8)* CUSTOMER KWH REDUCTION AT METER	1222480 KWH/CUST/YR

**ECONOMIC LIFE & K FACTORS**

II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	20 YEARS
II. (2) GENERATOR ECONOMIC LIFE	26 YEARS
II. (3) T & D ECONOMIC LIFE	26 YEARS
II. (4) K FACTOR FOR GENERATION	1.6926
II. (5) K FACTOR FOR T & D	1.6926
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1

**UTILITY & CUSTOMER COSTS**

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	1200.00 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	0.00 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.5 %
III. (4) CUSTOMER EQUIPMENT COST	1768883.00 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.5 %
III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST
III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %
III. (10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR
III. (11)* SUPPLY COSTS ESCALATION RATE	0 %
III. (12)* UTILITY DISCOUNT RATE	0.0909
III. (13)* UTILITY AFUDC RATE	0.0779
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	166700.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	0.00 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

**AVOIDED GENERATOR, TRANS. & DIST COSTS**

IV. (1) BASE YEAR	2007
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2009
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2009
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	471.68 \$/KW
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/KW
IV. (6) BASE YEAR DISTRIBUTION COST	0 \$/KW
IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.3 %
IV. (8) GENERATOR FIXED O & M COST	4.040 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %
IV. (10) TRANSMISSION FIXED O & M COST	0 \$/KW/YR
IV. (11) DISTRIBUTION FIXED O & M COST	0 \$/KW/YR
IV. (12) T&D FIXED O&M ESCALATION RATE	2.5 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.8394 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %
IV. (15) GENERATOR CAPACITY FACTOR	11.3 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	2.70 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	3.2043 %
IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$/KW/YR
IV. (19)* CAPACITY COST ESCALATION RATE	0 %

**NON-FUEL ENERGY AND DEMAND CHARGES**

V. (1) NON-FUEL COST IN CUSTOMER BILL	1.370 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	7.25 \$/KW/MO
V. (4) DEMAND CHARGE ESCALATION RATE	1 %
V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	1

**CALCULATED BENEFITS AND COSTS**

(1)* TRC TEST - BENEFIT/COST RATIO	1.06
(2)* PARTICIPANT NET BENEFITS (NPV)	157
(3)* RM TEST - BENEFIT/COST RATIO	1.96

### **Program Description and Progress**

**Program Title:** Duct Repair

**Program Description:** This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
In this reporting period 7,758 customers have participated.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$1,301,423.

**Program Progress Summary:** Through this reporting period 59,838 customers have participated.

### **Program Description and Progress**

**Program Title:** Renewable Energy Initiative

**Program Description:** This is a program designed to assist in the delivery of renewable energy for the company's Renewable Energy Program. This specific effort provides funding for program administration, evaluation and market research.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
Net customers added – 867  
Net blocks of energy added – 1,337

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$(64,984).

**Program Progress Summary:** Through this reporting period 2,350 customers have participated, purchasing a total of 3,358 blocks of energy.

### **Program Description and Progress**

**Program Title:** Industrial Load Management

**Program Description:** This is a load management program for large industrial customers with interruptible loads of 500 kW or greater.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
In this reporting period one customer has participated.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$79,952.

**Program Progress Summary:** This program was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. For 2007, assessments indicated an opportunity for customer participation; therefore, the associated GSLM 2 & 3 tariffs were opened to new participants.

Through the reporting period one customer has participated in the program.

### **Program Description and Progress**

**Program Title:** DSM Research and Development (R&D)

**Program Description:** This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
See Program Progress Summary below.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$60,000.

**Program Progress Summary:** For 2007, Tampa Electric participated in an Electric Power Research Institute sponsored R&D project to test and evaluate bio-diesel as a renewable fuel source in combustion turbines. If bio-diesel proves to be a viable fuel source, it has the potential of supplying renewable energy for the company's Renewable Energy Program.

**Program Description and Progress**

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2007 to December 31, 2007  
N/A

Program Fiscal Expenditures: January 1, 2007 to December 31, 2007  
Actual expenses were \$235,416.

Program Progress Summary: N/A



### **Program Description and Progress**

**Program Title:** Commercial Cooling

**Program Description:** This is an incentive program to encourage the installation of high efficiency direct expansion (DX) commercial air conditioning equipment.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
In this reporting period 122 units were installed.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$48,557.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to expand the company's existing Commercial Cooling program to include incentives for package terminal air conditioning was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Through this reporting period 620 approved units have been installed.

### **Program Description and Progress**

**Program Title:** Energy Plus Homes

**Program Description:** This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
In this reporting period three homes qualified.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$4,923.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to expand the company's existing Energy Plus Homes program to include incentives for window upgrades and Home Energy Rating certification was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Through this reporting period 38 approved homes have participated.

## Program Description and Progress

- Program Title:** Price Responsive Load Management
- Program Description:** This program is designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure. This rate structure is designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.
- Program Accomplishments:** January 1, 2007 to December 31, 2007  
In this reporting period the company converted 170 participants from pilot program to permanent program status.
- Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$1,178,025.
- Program Progress Summary:** On June 4, 2007, Tampa Electric filed for permanent program status with the Commission. Approval for program permanency was granted by the Commission in Docket No. 070056-EG, Order No. PSC-07-0822-PAA-EG, issued September 17, 2007.
- Pursuant to program approval, Tampa Electric embarked on developing a marketing plan, database expansion, program delivery, tracking, reporting, incentive processing and contractor payments.

### **Program Description and Progress**

**Program Title:** Commercial Demand Response

**Program Description:** This program is intended to help alter the company's system load curve by reducing summer and winter demand peaks. The company has contracted for a turn-key program that will induce commercial and industrial customers to reduce their demand for electricity in response to market signals. Reductions will be achieved through a mix of emergency backup generation, energy management systems, raising cooling set-points and turning off or dimming lights, signage, etc.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
See Program Progress Summary below.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$15,566.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to offer Commercial Demand Response was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Pursuant to program approval, Tampa Electric embarked on developing a marketing plan, database expansion, program delivery, tracking, reporting, incentive processing and contractor payments.

### Program Description and Progress

- Program Title:** Residential Building Envelope Improvement
- Program Description:** This program is designed to save demand and energy by decreasing the load on residential air conditioning and heating ("HVAC") equipment. Eligible customers can receive incentives to add ceiling insulation, exterior wall insulation, window replacement and window film.
- Program Accomplishments:** January 1, 2007 to December 31, 2007  
In this reporting period 1,224 units had ceiling insulation installed.
- Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$258,134.
- Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to expand the company's existing Ceiling Insulation program and offer a Residential Building Envelope Improvement program was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.
- Pursuant to program approval, Tampa Electric embarked on developing a marketing plan, database expansion, program delivery, tracking, reporting, incentive processing and contractor payments.

### **Program Description and Progress**

**Program Title:** Commercial Building Envelope Improvement

**Program Description:** This program is designed to save demand and energy by decreasing the load on air conditioning and heating ("HVAC") equipment. Eligible customers can receive incentives to add ceiling insulation, exterior wall insulation and window film.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
See Program Progress Summary below.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$714.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to offer a Commercial Building Envelope Improvement program was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Pursuant to program approval, Tampa Electric embarked on developing a marketing plan, database expansion, program delivery, tracking, reporting, incentive processing and contractor payments.

### **Program Description and Progress**

**Program Title:** Educational Energy Awareness - Pilot

**Program Description:** This program is designed to save demand and energy by increasing customer awareness of available conservation measures and practices that can reduce their energy use. Tampa Electric will partner with schools within its service area at the eighth grade level to teach students the benefits of energy efficiency.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
See Program Progress Summary below.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$2,011.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existing DSM programs. Approval to offer an Educational Energy Awareness - Pilot program was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Pursuant to program approval, Tampa Electric embarked on development of program delivery, database expansion, tracking and reports.

### Program Description and Progress

**Program Title:** Commercial Duct Repair

**Program Description:** This is a commercial conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a facility.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
See Program Progress Summary below.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$308.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existed DSM programs. Approval to offer a Commercial Duct Repair program was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Pursuant to program approval, Tampa Electric embarked on developing a marketing plan, database expansion, program delivery, tracking, reporting, incentive processing and contractor payments.



### **Program Description and Progress**

**Program Title:** Commercial Efficient Motors

**Program Description:** This program is designed to encourage commercial/industrial customers to install premium-efficiency motors in new or existing facilities through incentives. The program is aimed at reducing the growth of peak demand and energy by encouraging customers to replace worn out, inefficient equipment with high efficiency equipment that exceeds minimum product manufacturing standards.

**Program Accomplishments:** January 1, 2007 to December 31, 2007  
See Program Progress Summary below.

**Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$376.

**Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existed DSM programs. Approval to offer a Commercial Efficient Motor program was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Pursuant to program approval, Tampa Electric embarked on developing a marketing plan, database expansion, program delivery, tracking, reporting, incentive processing and contractor payments.

## **Program Description and Progress**

- Program Title:** Residential Low-Income Weatherization
- Program Description:** This program is designed to save demand and energy by decreasing the energy consumption at a residence. Aimed at low-income customers, the following will be provided at no cost to qualified customers (where applicable).
- Eight Compact fluorescent lamps
  - One water heater wrap
  - Three low flow faucet aerators and two showerheads
  - Window HVAC weatherstripping kit
  - Wall plate thermometers
  - HVAC filters
  - Weatherstripping and caulking
  - Ceiling insulation (up to R-19)
- Program Accomplishments:** January 1, 2007 to December 31, 2007  
See Program Progress Summary below.
- Program Fiscal Expenditures:** January 1, 2007 to December 31, 2007  
Actual expenses were \$4,813.
- Program Progress Summary:** On June 15, 2007, Tampa Electric petitioned the Commission to modify its existed DSM programs. Approval to offer a Residential Low-Income Weatherization program was granted in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.
- Pursuant to program approval, Tampa Electric embarked on developing a marketing plan, database expansion, program delivery, tracking, reporting, incentive processing and contractor payments.

CONSERVATION COSTS  
PROJECTED

INDEX

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 080002-EG EXHIBIT 11  
COMPANY Tampa Electric Co. (Direct)  
WITNESS Howard T. Bryant (HTB-2)  
DATE 11-04-08

**Fuel Cost Impact of Conservation and Load Management Programs  
On Interruptible Customers  
January 1, 2009 through December 31, 2009**

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	98,846	1,661.7	59.48	102,197	1,713.7	59.64	3,351	52.00	0.15
February	84,802	1,475.7	57.47	88,058	1,521.7	57.87	3,256	46.00	0.40
March	83,051	1,603.2	51.80	86,032	1,649.2	52.17	2,981	46.00	0.36
April	83,286	1,629.7	51.11	86,910	1,677.7	51.80	3,624	48.00	0.70
May	104,428	1,948.5	53.59	108,071	2,001.5	54.00	3,643	53.00	0.40
June	104,934	2,025.8	51.80	109,176	2,086.8	52.32	4,242	61.00	0.52
July	115,421	2,168.4	53.23	120,366	2,231.4	53.94	4,945	63.00	0.71
August	116,975	2,195.2	53.29	121,938	2,258.2	54.00	4,963	63.00	0.71
September	102,184	2,006.2	50.93	106,431	2,068.2	51.46	4,247	62.00	0.53
October	90,381	1,859.0	48.62	94,139	1,916.0	49.13	3,758	57.00	0.51
November	70,811	1,552.4	45.61	73,851	1,602.4	46.09	3,040	50.00	0.47
December	84,926	1,671.6	50.81	88,111	1,721.6	51.18	3,185	50.00	0.37
Jan 2009 - Dec 2009	1,140,045	21,797.4	52.30	1,185,280	22,448.4	52.80	45,235	651.00	0.50

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 JANUARY 2009 THROUGH DECEMBER 2009

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/13 Allocation Factor (%)
RS	54.27%	9,068,655	1908	1.08536	1.05482	9,565,823	2,071	48.85%	57.36%	56.71%
GS,TS	57.68%	1,090,648	216	1.08536	1.05482	1,150,440	234	5.87%	6.48%	6.43%
GSD	74.86%	5,629,886	859	1.08430	1.05426	5,935,355	930	30.30%	25.75%	26.10%
GSLD,SBF	85.29%	2,583,911	346	1.07227	1.04408	2,697,799	371	13.77%	10.27%	10.54%
SL/OL	515.88%	225,471	5	1.08536	1.05482	237,832	5	1.21%	0.14%	0.22%
TOTAL		18,598,571	3,334			19,587,249	3,611	100.00%	100.00%	100.00%

- (1) AVG 12 CP load factor based on proposed load research data.
- (2) Projected MWH sales for the period Jan. 2009 thru Dec. 2009.
- (3) Calculated: Col (2) / (8760\*Col (1)).
- (4) Based on 2009 proposed load research data.
- (5) Based on 2009 proposed load research data.
- (6) Col (2) \* Col (5).
- (7) Col (3) \* Col (4).
- (8) Col (6) / total for Col (6).
- (9) Col (7) / total for Col (7).

NOTE: Interruptible rates not included in demand allocation of capacity payments.

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Summary of Cost Recovery Clause Calculation  
 For Months January 2009 through December 2009

1. Total Incremental Cost (C-2, Page 1, Line 17)	<u>18,548,986</u>
2. Demand Related Incremental Costs	<u>12,721,773</u>
3. Energy Related Incremental Costs	5,827,213
4. Interruptible Sales (@\$0.50 per MWH)	<u>(696,056)</u>
5. Net Energy Related Incremental Costs (Line 3 + Line 4)	<u>5,131,157</u>

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,TS</u>	<u>GSD</u>	<u>GSLD,SBF</u>	<u>SL,OL</u>	<u>Total</u>
6. Demand Allocation Percentage	56.71%	6.43%	26.10%	10.54%	0.22%	100.00%
7. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	7,214,517	818,010	3,320,383	1,340,875	27,988	12,721,773
8. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>(56,739)</u>	<u>(6,433)</u>	<u>(26,114)</u>	<u>(10,545)</u>	<u>(221)</u>	<u>(100,052)</u>
9. Total Demand Related Incremental Costs	<u>7,157,778</u>	<u>811,577</u>	<u>3,294,269</u>	<u>1,330,330</u>	<u>27,767</u>	<u>12,621,721</u>
10. Energy Allocation Percentage	48.85%	5.87%	30.30%	13.77%	1.21%	100.00%
11. Net Energy Related Incremental Costs	2,506,570	301,199	1,554,741	706,560	62,087	5,131,157
12. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>(23,001)</u>	<u>(2,764)</u>	<u>(14,266)</u>	<u>(6,483)</u>	<u>(570)</u>	<u>(47,084)</u>
13. Total Net Energy Related Incremental Costs	<u>2,483,569</u>	<u>298,435</u>	<u>1,540,475</u>	<u>700,077</u>	<u>61,517</u>	<u>5,084,073</u>
<hr/>						
14. Total Incremental Costs (Line 7 + 10)	9,721,087	1,119,209	4,875,124	2,047,435	90,075	17,852,930
15. Total True Up (Over)/Under Recovery (Line 8 + 11) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(79,740)</u>	<u>(9,197)</u>	<u>(40,380)</u>	<u>(17,028)</u>	<u>(791)</u>	<u>(147,136)</u>
16. Total (Line 13 + 14)	<u>9,641,347</u>	<u>1,110,012</u>	<u>4,834,744</u>	<u>2,030,407</u>	<u>89,284</u>	<u>17,705,794</u>
17. Firm Retail MWH Sales	9,068,655	1,090,648	5,629,886	2,583,911	225,471	18,598,571
18. Cost per KWH - Demand (Line 9/Line 16)	0.07893	0.07441	*	*	0.01232	
19. Cost per KWH - Energy (Line 12/Line 16)	0.02739	0.02736	*	*	0.02728	
20. Cost per KWH - Demand & Energy (Line 17 + Line 18)	0.10632	0.10178	*	*	0.03960	
21. Revenue Tax Expansion Factor	1.00072	1.00072	*	*	1.00072	
22. Adjustment Factor Adjusted for Taxes	0.1064	0.1018	*	*	0.0396	
23. Conservation Adjustment Factor (cents/KWH) - Secondary	0.106	0.102	0.086	0.079	0.040	
- Primary			0.085	0.078		
- Subtransmission			N/A	0.077		
(ROUNDED TO NEAREST .001 PER KWH)						

\* 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	4,733,991	1,086,557
- Primary	100,753	936,766
- Subtransmission	N/A	7,084
- Total	4,834,744	2,030,407
Total Firm MWH Sales (Schedule C-1, pg 1, Line 16)		
-Secondary	5,511,403	1,376,249
- Primary	118,483	1,198,506
- Subtransmission	N/A	9,156
- Total	5,629,886	2,583,911
Cost per KWH - Demand & Energy		
-Secondary	0.08589	0.07895
- Primary	0.08504	0.07816
- Subtransmission	N/A	0.07737
Revenue Tax Expansion Factor	1.00072	1.00072
Adjustment Factor Adjusted for Taxes		
-Secondary	0.08596	0.07901
- Primary	0.08510	0.07822
- Subtransmission	N/A	0.07743
Conservation Adjustment Factor (cents/KWH)		
-Secondary	<u>0.086</u>	<u>0.079</u>
- Primary	<u>0.085</u>	<u>0.078</u>
- Subtransmission	N/A	<u>0.077</u>

Note: Customers in the GSD rate class are only served at primary and secondary distribution levels.

The calculation for the interruptible classes did not change the factor from the original (\$0.50 per MWH)

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months January 2009 through December 2009

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	10,886	20,350	20,885	20,529	20,797	20,529	20,797	20,798	20,531	20,797	20,532	20,794	238,225
2 Prime Time (D)	640,934	636,807	636,477	633,959	633,219	630,965	630,997	629,084	626,454	625,905	623,773	622,973	7,571,547
3 Energy Audits (E)	187,389	179,652	183,034	180,639	186,971	180,319	186,971	177,459	172,128	177,459	172,126	173,484	2,157,631
4 Cogeneration (E)	10,343	9,805	10,341	10,078	10,347	10,078	10,347	10,347	10,078	10,347	10,078	10,347	122,536
5 Commercial Load Mgmt (D)	638	637	635	634	634	632	630	629	559	491	491	491	7,101
6 Commercial Lighting (E)	9,645	9,556	9,645	9,600	9,645	9,600	9,645	9,645	9,600	9,645	9,600	9,645	115,471
7 Standby Generator (D)	135,190	135,178	135,190	135,185	135,191	135,185	135,191	135,191	135,185	135,191	135,185	135,191	1,622,253
8 Conservation Value (E)	3,638	3,594	3,638	3,615	3,638	21,127	3,638	3,638	3,615	3,638	86,965	3,638	144,382
9 Duct Repair (E)	106,009	105,019	105,871	105,380	105,818	105,380	105,816	105,816	105,380	105,818	105,380	105,818	1,267,505
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Industrial Load Management (D)	10,916	10,916	10,941	10,916	10,916	10,941	10,916	10,916	10,916	10,941	10,916	10,916	131,067
12 DSM R&D (D&E)	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	151,980
13 Commercial Cooling (E)	3,176	3,081	3,176	3,130	3,176	3,130	3,176	3,176	3,130	3,176	3,130	3,176	37,833
14 Residential New Construction (E)	844	811	844	827	844	827	844	844	827	844	827	844	10,027
15 Common Expenses (D&E)	21,703	21,703	21,703	21,703	21,703	21,703	21,703	21,703	21,703	21,703	21,703	21,703	260,436
16 Price Responsive Load Mgmt (D&E)	102,613	104,171	108,193	110,801	114,720	117,576	121,452	124,784	127,573	131,379	134,123	137,888	1,435,273
17 Residential Building Envelope Improvement (E)	34,870	34,414	34,929	34,485	34,771	34,485	34,771	34,771	34,485	34,771	34,485	34,771	416,008
18 Educational Energy Awareness (Pilot) (E)	17,902	17,886	17,902	17,894	17,902	17,894	17,902	17,902	17,894	17,902	17,894	17,902	214,776
19 Residential Low - Income Weatherization (E)	14,024	14,024	14,024	14,024	14,024	14,024	14,024	4,509	4,509	4,509	4,509	4,509	120,713
20 Commerical Duct Repair (E)	222	222	222	222	222	222	222	222	222	222	222	222	2,664
21 Commerical Building Envelope Improvement (E)	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	14,208
22 Commerical Energy Efficient Motors (E)	879	879	879	879	879	879	879	879	879	879	879	879	10,548
23 Commerical Demand Response (D)	201,330	201,330	211,330	201,330	201,330	201,330	211,330	211,330	211,330	211,330	201,330	201,330	2,465,960
24 Commerical Chiller Replacement (E)	1,905	1,880	1,905	1,880	1,905	1,880	1,905	1,880	1,905	1,880	1,905	1,880	22,710
25 Commerical Occupany Sensors (Lighting) (E)	337	317	317	337	317	337	317	337	317	317	317	317	3,884
26 Commerical Refrigeration (Anti-Condensate) (E)	167	167	167	167	167	167	167	167	167	167	167	167	2,004
27 Commerical Water Heating (E)	187	187	187	187	187	187	187	187	187	187	187	187	2,244
28 Total	1,529,596	1,526,435	1,546,284	1,532,250	1,543,172	1,553,246	1,557,676	1,540,063	1,533,423	1,543,347	1,610,573	1,532,921	18,548,986
29 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conserv. Expenses	<u>1,529,596</u>	<u>1,526,435</u>	<u>1,546,284</u>	<u>1,532,250</u>	<u>1,543,172</u>	<u>1,553,246</u>	<u>1,557,676</u>	<u>1,540,063</u>	<u>1,533,423</u>	<u>1,543,347</u>	<u>1,610,573</u>	<u>1,532,921</u>	<u>18,548,986</u>
<b>Summary of Demand &amp; Energy</b>													
Energy	472,097	472,297	480,430	477,641	487,338	498,221	490,702	473,337	468,008	476,615	554,632	475,892	5,827,213
Demand	<u>1,057,499</u>	<u>1,054,138</u>	<u>1,065,854</u>	<u>1,054,609</u>	<u>1,055,834</u>	<u>1,055,025</u>	<u>1,066,974</u>	<u>1,066,726</u>	<u>1,065,415</u>	<u>1,066,732</u>	<u>1,055,941</u>	<u>1,057,029</u>	<u>12,721,773</u>
Total Recoverable Conserv. Expenses	<u>1,529,596</u>	<u>1,526,435</u>	<u>1,546,284</u>	<u>1,532,250</u>	<u>1,543,172</u>	<u>1,553,246</u>	<u>1,557,676</u>	<u>1,540,063</u>	<u>1,533,423</u>	<u>1,543,347</u>	<u>1,610,573</u>	<u>1,532,921</u>	<u>18,548,986</u>

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TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months January 2009 through December 2009

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	100,427	0	3,744	0	128,145	2,616	3,293	0	238,225
2. Prime Time (D)	125,677	431,782	166,284	559,944	0	6,196,368	52,500	38,992	0	7,571,547
3. Energy Audits (E)	0	1,419,279	13,872	104,981	461,666	0	102,384	55,449	0	2,157,631
4. Cogeneration (E)	0	117,652	252	0	0	0	4,140	492	0	122,536
5. Commercial Load Mgmt (D)	1,269	3,492	0	96	0	2,172	72	0	0	7,101
6. Commercial Lighting (E)	0	16,087	0	0	0	98,016	1,368	0	0	115,471
7. Standby Generator (D)	0	9,153	0	0	0	1,612,128	972	0	0	1,622,253
8. Conservation Value (E)	0	8,084	0	0	0	136,118	180	0	0	144,382
9. Duct Repair (E)	0	166,901	4,824	0	169,164	901,344	12,348	12,924	0	1,267,505
10. Renewable Energy Initiative (E)	0	41,503	1,260	37,428	0	0	5,700	25,380	(111,271)	0
11. Industrial Load Management (D)	0	792	0	600	0	129,600	75	0	0	131,067
12. DSM R&D (D&E) (50% D, 50% E)	0	1,980	0	150,000	0	0	0	0	0	151,980
13. Commercial Cooling (E)	0	17,133	0	1,200	0	19,068	432	0	0	37,833
14. Residential New Construction (E)	0	6,079	0	0	0	3,672	276	0	0	10,027
15. Common Expenses (D&E) (50% D, 50% E)	0	259,968	0	0	0	0	468	0	0	260,436
16. Price Responsive Load Mgmt - Pilot (D&E) (50% D, 50% E)	506,280	215,319	20,400	519,180	137,830	0	31,848	4,416	0	1,435,273
17. Residential Building Envelope Improvement (E)	0	121,168	168	3,240	0	278,028	11,568	1,836	0	416,008
18. Educational Energy Awareness (Pilot) (E)	0	2,712	157,800	54,060	0	0	204	0	0	214,776
19. Residential Low - Income Weatherization (E)	0	36,204	15,912	66,605	0	1,536	456	0	0	120,713
20. Commercial Duct Repair (E)	0	552	0	0	0	2,052	60	0	0	2,664
21. Commercial Building Envelope Improvement (E)	0	2,376	0	0	0	11,436	396	0	0	14,208
22. Commercial Energy Efficient Motors (E)	0	792	0	0	0	9,564	192	0	0	10,548
23. Commercial Demand Response (D)	0	15,468	0	2,450,000	0	0	492	0	0	2,465,960
24. Commercial Chiller Replacement (E)	0	1,872	0	0	0	20,676	162	0	0	22,710
25. Commercial Occupany Sensors (Lighting) (E)	0	792	0	0	0	3,000	92	0	0	3,884
26. Commercial Refrigeration (Anti-Condensate) (E)	0	792	0	0	0	1,200	12	0	0	2,004
27. Commercial Water Heating (E)	0	792	0	0	0	1,440	12	0	0	2,244
28. Total All Programs	<u>633,226</u>	<u>2,999,151</u>	<u>380,772</u>	<u>3,951,078</u>	<u>768,660</u>	<u>9,555,563</u>	<u>229,025</u>	<u>142,782</u>	<u>(111,271)</u>	<u>18,548,986</u>
<b>Summary of Demand &amp; Energy</b>										
Energy	253,140	2,299,830	204,288	605,848	699,745	1,615,295	158,756	101,582	(111,271)	5,827,213
Demand	<u>380,086</u>	<u>699,321</u>	<u>176,484</u>	<u>3,345,230</u>	<u>68,915</u>	<u>7,940,268</u>	<u>70,269</u>	<u>41,200</u>	<u>0</u>	12,721,773
Total All Programs	<u>633,226</u>	<u>2,999,151</u>	<u>380,772</u>	<u>3,951,078</u>	<u>768,660</u>	<u>9,555,563</u>	<u>229,025</u>	<u>142,782</u>	<u>(111,271)</u>	<u>18,548,986</u>

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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months January 2009 through December 2009

PRIME TIME

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		115,883	117,349	120,036	112,185	101,808	101,955	89,845	70,004	45,747	67,464	78,907	112,009	1,133,192
3. Depreciation Base		1,095,824	978,475	858,439	746,254	644,446	542,491	452,646	382,642	336,895	269,431	190,524	78,515	
4. Depreciation Expense		<u>19,229</u>	<u>17,286</u>	<u>15,308</u>	<u>13,372</u>	<u>11,589</u>	<u>9,891</u>	<u>8,293</u>	<u>6,961</u>	<u>5,996</u>	<u>5,053</u>	<u>3,833</u>	<u>2,242</u>	<u>119,053</u>
5. Cumulative Investment	1,211,707	1,095,824	978,475	858,439	746,254	644,446	542,491	452,646	382,642	336,895	269,431	190,524	78,515	78,515
6. Less: Accumulated Depreci	1,077,201	<u>980,547</u>	<u>880,484</u>	<u>775,756</u>	<u>676,943</u>	<u>586,724</u>	<u>494,660</u>	<u>413,108</u>	<u>350,065</u>	<u>310,314</u>	<u>247,903</u>	<u>172,829</u>	<u>63,062</u>	<u>63,062</u>
7. Net Investment	<u>134,506</u>	<u>115,277</u>	<u>97,991</u>	<u>82,683</u>	<u>69,311</u>	<u>57,722</u>	<u>47,831</u>	<u>39,538</u>	<u>32,577</u>	<u>26,581</u>	<u>21,528</u>	<u>17,695</u>	<u>15,453</u>	<u>15,453</u>
8. Average Investment		124,892	106,634	90,337	75,997	63,517	52,777	43,685	36,058	29,579	24,055	19,612	16,574	
9. Return on Average Investment		743	634	538	452	378	314	260	215	176	143	117	99	4,069
10. Return Requirements		<u>1,210</u>	<u>1,032</u>	<u>876</u>	<u>736</u>	<u>615</u>	<u>511</u>	<u>423</u>	<u>350</u>	<u>287</u>	<u>233</u>	<u>190</u>	<u>161</u>	<u>6,624</u>
11. Total Depreciation and Return		<u>20,439</u>	<u>18,318</u>	<u>16,184</u>	<u>14,108</u>	<u>12,204</u>	<u>10,402</u>	<u>8,716</u>	<u>7,311</u>	<u>6,283</u>	<u>5,286</u>	<u>4,023</u>	<u>2,403</u>	<u>125,677</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.

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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months January 2009 through December 2009  
COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	8136	0	0	0	8,136
3. Depreciation Base		8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	324	324	324	324	
4. Depreciation Expense		<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>73</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>1,216</u>
5. Cumulative Investment	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	324	324	324	324	324
6. Less: Accumulated Depreciation	7,226	<u>7,367</u>	<u>7,508</u>	<u>7,649</u>	<u>7,790</u>	<u>7,931</u>	<u>8,072</u>	<u>8,213</u>	<u>8,354</u>	<u>291</u>	<u>296</u>	<u>301</u>	<u>306</u>	<u>306</u>
7. Net Investment	<u>1,234</u>	<u>1,093</u>	<u>952</u>	<u>811</u>	<u>670</u>	<u>529</u>	<u>388</u>	<u>247</u>	<u>106</u>	<u>33</u>	<u>28</u>	<u>23</u>	<u>18</u>	<u>18</u>
8. Average Investment		1,164	1,023	882	741	600	459	318	177	70	31	26	21	
9. Return on Average Investment		7	6	5	4	4	3	2	1	0	0	0	0	32
10. Return Requirements		<u>11</u>	<u>10</u>	<u>8</u>	<u>7</u>	<u>7</u>	<u>5</u>	<u>3</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>53</u>
Total Depreciation and Return		<u>152</u>	<u>151</u>	<u>149</u>	<u>148</u>	<u>148</u>	<u>146</u>	<u>144</u>	<u>143</u>	<u>73</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>1,269</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.

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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months January 2009 through December 2009  
PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		137,474	137,474	137,474	137,474	137,474	137,474	137,474	137,474	137,474	137,474	137,474	137,474	1,649,688
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		977,869	1,115,343	1,252,817	1,390,291	1,527,765	1,665,239	1,802,713	1,940,187	2,077,661	2,215,135	2,352,609	2,490,083	
4. Depreciation Expense		<u>15,152</u>	<u>17,443</u>	<u>19,735</u>	<u>22,026</u>	<u>24,317</u>	<u>26,608</u>	<u>28,900</u>	<u>31,191</u>	<u>33,482</u>	<u>35,773</u>	<u>38,065</u>	<u>40,356</u>	<u>333,048</u>
5. Cumulative Investment	840,395	977,869	1,115,343	1,252,817	1,390,291	1,527,765	1,665,239	1,802,713	1,940,187	2,077,661	2,215,135	2,352,609	2,490,083	2,490,083
6. Less: Accumulated Depreciation	35,697	<u>50,849</u>	<u>68,292</u>	<u>88,027</u>	<u>110,053</u>	<u>134,370</u>	<u>160,978</u>	<u>189,878</u>	<u>221,069</u>	<u>254,551</u>	<u>290,324</u>	<u>328,389</u>	<u>368,745</u>	<u>368,745</u>
7. Net Investment	<u>804,698</u>	<u>927,020</u>	<u>1,047,051</u>	<u>1,164,790</u>	<u>1,280,238</u>	<u>1,393,395</u>	<u>1,504,261</u>	<u>1,612,835</u>	<u>1,719,118</u>	<u>1,823,110</u>	<u>1,924,811</u>	<u>2,024,220</u>	<u>2,121,338</u>	<u>2,121,338</u>
8. Average Investment		865,859	987,036	1,105,921	1,222,514	1,336,817	1,448,828	1,558,548	1,665,977	1,771,114	1,873,961	1,974,516	2,072,779	
9. Return on Average Investment		5,152	5,873	6,580	7,274	7,954	8,621	9,273	9,913	10,538	11,150	11,748	12,333	106,409
10. Return Requirements		<u>8,387</u>	<u>9,561</u>	<u>10,712</u>	<u>11,842</u>	<u>12,949</u>	<u>14,035</u>	<u>15,096</u>	<u>16,138</u>	<u>17,156</u>	<u>18,152</u>	<u>19,126</u>	<u>20,078</u>	<u>173,232</u>
Total Depreciation and Return		<u>23,539</u>	<u>27,004</u>	<u>30,447</u>	<u>33,868</u>	<u>37,266</u>	<u>40,643</u>	<u>43,996</u>	<u>47,329</u>	<u>50,638</u>	<u>53,925</u>	<u>57,191</u>	<u>60,434</u>	<u>506,280</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.

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2008 through July 2008  
 Projected for Months August 2008 through December 2008

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	34,245	600	3,037	0	136,675	0	2,098	0	176,655
3. Projected	0	28,430	0	2,120	0	97,500	0	1,250	0	129,300
4. Total	0	62,675	600	5,157	0	234,175	0	3,348	0	305,955
<b>5. Prime Time</b>										
6. Actual	291,557	169,052	9,258	27,866	0	3,613,920	13,015	20,349	0	4,145,017
7. Projected	137,647	135,990	4,925	19,250	0	2,625,610	8,645	14,458	0	2,946,525
8. Total	429,204	305,042	14,183	47,116	0	6,239,530	21,660	34,807	0	7,091,542
<b>9. Energy Audits</b>										
10. Actual	0	669,621	42,572	103,572	152,826	0	34,142	30,437	(1,615)	1,031,555
11. Projected	0	556,175	6,500	14,625	303,220	0	40,243	27,305	0	948,068
12. Total	0	1,225,796	49,072	118,197	456,046	0	74,385	57,742	(1,615)	1,979,623
<b>13. Cogeneration</b>										
14. Actual	0	72,485	0	0	0	0	1,359	1,297	0	75,141
15. Projected	0	55,910	0	0	0	0	860	0	0	56,770
16. Total	0	128,395	0	0	0	0	2,219	1,297	0	131,911
<b>17. Commercial Load Management</b>										
18. Actual	1,152	1,532	0	0	0	3,034	29	0	0	5,747
19. Projected	782	1,275	0	0	0	798	0	0	0	2,855
20. Total	1,934	2,807	0	0	0	3,832	29	0	0	8,602
<b>21. Commercial Lighting</b>										
22. Actual	0	10,384	0	0	0	185,368	21	2	0	195,775
23. Projected	0	7,905	0	0	0	116,665	250	0	0	124,820
24. Total	0	18,289	0	0	0	302,033	271	2	0	320,595
<b>25. Standby Generator</b>										
26. Actual	0	6,412	0	0	0	661,722	457	0	0	668,591
27. Projected	0	5,545	0	0	0	567,495	35	0	0	573,075
28. Total	0	11,957	0	0	0	1,229,217	492	0	0	1,241,666
<b>29. Conservation Value</b>										
30. Actual	0	3,543	0	0	0	0	0	0	0	3,543
31. Projected	0	3,650	0	0	0	40,000	0	0	0	43,650
32. Total	0	7,193	0	0	0	40,000	0	0	0	47,193
<b>33. Duct Repair</b>										
34. Actual	0	60,199	2,729	664	56,110	783,271	2,713	9,326	0	915,012
35. Projected	0	67,430	685	0	111,090	763,260	2,250	4,710	0	949,425
36. Total	0	127,629	3,414	664	167,200	1,546,531	4,963	14,036	0	1,864,437
<b>37. Renewable Energy Initiative</b>										
38. Actual	0	53,753	6,309	31,629	0	0	222	6,569	(116,328)	(17,846)
39. Projected	0	26,440	5,255	0	0	0	60	5,060	(36,815)	0
40. Total	0	80,193	11,564	31,629	0	0	282	11,629	(153,143)	(17,846)
<b>41. Industrial Load Management</b>										
42. Actual	0	0	0	0	0	0	0	0	0	0
43. Projected	0	0	0	0	0	0	0	0	0	0
44. Total	0	0	0	0	0	0	0	0	0	0
<b>45. DSM R&amp;D</b>										
46. Actual	0	0	0	0	0	0	0	0	0	0
47. Projected	0	0	0	0	0	0	0	0	0	0
48. Total	0	0	0	0	0	0	0	0	0	0
<b>49. Commercial Cooling</b>										
50. Actual	0	4,910	0	64	0	24,982	16	0	0	29,972
51. Projected	0	5,055	0	0	0	30,000	175	0	0	35,230
52. Total	0	9,965	0	64	0	54,982	191	0	0	65,202
<b>53. Residential New Construction</b>										
54. Actual	0	2,460	0	0	0	675	0	375	0	3,510
55. Projected	0	2,425	0	0	0	1,800	0	77	0	4,302
56. Total	0	4,885	0	0	0	2,475	0	452	0	7,812
<b>57. Common Expenses</b>										
58. Actual	0	158,460	0	165,768	0	0	413	6,851	0	331,492
59. Projected	0	122,130	0	0	0	0	290	0	0	122,420
60. Total	0	280,590	0	165,768	0	0	703	6,851	0	453,912
<b>61. Price Responsive Load Mgmt - Pilot</b>										
62. Actual	181	337,544	22,772	175,139	59,331	0	29,538	12,711	0	637,216
63. Projected	55,661	444,490	59,050	1,093,370	171,370	0	24,075	9,080	0	1,857,096
64. Total	55,842	782,034	81,822	1,268,509	230,701	0	53,613	21,791	0	2,494,312
<b>65. Residential Building Improvement</b>										
66. Actual	0	59,820	594	1,066	0	132,810	2,552	1,225	0	198,067
67. Projected	0	50,655	65	0	0	87,335	3,080	20,923	0	162,058
68. Total	0	110,475	659	1,066	0	220,145	5,632	22,148	0	360,125

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs Continued

Actual for Months January 2008 through July 2008  
 Projected for Months August 2008 through December 2008

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
69. Educational Energy Awareness (Pilot)										
70. Actual	0	2,480	25,882	0	0	0	0	5,853	0	34,215
71. Projected	0	4,780	0	6,000	0	0	0	0	0	10,780
72. Total	0	7,260	25,882	6,000	0	0	0	5,853	0	44,995
73. Residential Low- Income Weatherization										
74. Actual	0	10,425	8,237	0	0	5,280	741	9,843	0	34,526
75. Projected	0	685	1,000	0	0	8,335	0	0	0	10,020
76. Total	0	11,110	9,237	0	0	13,615	741	9,843	0	44,546
77. Commerical Duct Repair										
78. Actual	0	379	0	0	0	0	0	0	0	379
79. Projected	0	465	0	0	0	1,002	0	0	0	1,467
80. Total	0	844	0	0	0	1,002	0	0	0	1,846
81. Commerical Building Improvement										
82. Actual	0	115	0	0	0	224	0	50	0	389
83. Projected	0	890	0	0	0	5,098	125	0	0	6,113
84. Total	0	1,005	0	0	0	5,322	125	50	0	6,502
85. Commerical Energy Efficient Motors										
86. Actual	0	326	0	0	0	0	0	75	0	401
87. Projected	0	560	0	0	4,688	100	75	0	0	5,423
88. Total	0	886	0	0	4,688	100	75	75	0	5,824
89. Commerical Demand Response										
90. Actual	0	9,597	28,500	213,155	0	77,448	274	0	0	328,974
91. Projected	0	3,510	0	990,000	0	0	200	0	0	993,710
92. Total	0	13,107	28,500	1,203,155	0	77,448	474	0	0	1,322,684
93. Commerical Chiller Replacement										
94. Actual	0	346	0	0	0	3,188	0	0	0	3,534
95. Projected	0	760	0	0	0	10,000	125	0	0	10,885
96. Total	0	1,106	0	0	0	13,188	125	0	0	14,419
97. Commerical Occupany Sensors (Lighting)										
98. Actual	0	387	0	0	0	4,035	0	0	0	4,422
99. Projected	0	660	0	0	0	5,000	60	0	0	5,720
100. Total	0	1,047	0	0	0	9,035	60	0	0	10,142
101. Commerical Refrigeration (Anti-Condensate)										
102. Actual	0	285	0	0	0	0	375	0	0	660
103. Projected	0	495	0	0	0	126	40	0	0	661
104. Total	0	780	0	0	0	126	415	0	0	1,321
105. Commerical Water Heating										
106. Actual	0	40	0	0	0	0	0	0	0	40
107. Projected	0	330	0	0	0	708	25	0	0	1,063
108. Total	0	370	0	0	0	708	25	0	0	1,103
109. Total All Programs	<u>486,980</u>	<u>3,195,440</u>	<u>224,933</u>	<u>2,847,325</u>	<u>858,635</u>	<u>9,993,464</u>	<u>166,480</u>	<u>189,924</u>	<u>(154,758)</u>	<u>17,808,423</u>

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2008 through July 2008  
Projected for Months August 2008 through December 2008

PRIME TIME

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		125,225	128,974	128,063	86,363	101,744	134,353	142,885	122,086	120,975	126,131	109,498	154,216	1,480,513
3. Depreciation Base		2,566,995	2,438,021	2,309,958	2,223,595	2,121,851	1,987,498	1,844,613	1,722,527	1,601,552	1,475,421	1,365,923	1,211,707	
4. Depreciation Expense		<u>43,827</u>	<u>41,708</u>	<u>39,566</u>	<u>37,780</u>	<u>36,212</u>	<u>34,245</u>	<u>31,934</u>	<u>29,726</u>	<u>27,701</u>	<u>25,641</u>	<u>23,678</u>	<u>21,480</u>	<u>393,498</u>
5. Cumulative Investment	<u>2,692,220</u>	2,566,995	2,438,021	2,309,958	2,223,595	2,121,851	1,987,498	1,844,613	1,722,527	1,601,552	1,475,421	1,365,923	1,211,707	1,211,707
6. Less: Accumulated Depreciation	<u>2,164,216</u>	<u>2,082,818</u>	<u>1,995,552</u>	<u>1,907,055</u>	<u>1,858,472</u>	<u>1,792,940</u>	<u>1,692,832</u>	<u>1,581,881</u>	<u>1,489,521</u>	<u>1,396,247</u>	<u>1,295,757</u>	<u>1,209,937</u>	<u>1,077,201</u>	<u>1,077,201</u>
7. Net Investment	<u>528,004</u>	<u>484,177</u>	<u>442,469</u>	<u>402,903</u>	<u>365,123</u>	<u>328,911</u>	<u>294,666</u>	<u>262,732</u>	<u>233,006</u>	<u>205,305</u>	<u>179,664</u>	<u>155,986</u>	<u>134,506</u>	<u>134,506</u>
8. Average Investment		506,091	463,323	422,686	384,013	347,017	311,789	278,699	247,869	219,156	192,485	167,825	145,246	
9. Return on Average Investment		3,011	2,757	2,515	2,285	2,065	1,855	1,658	1,475	1,304	1,145	999	864	21,933
10. Return Requirements		<u>4,902</u>	<u>4,488</u>	<u>4,094</u>	<u>3,720</u>	<u>3,362</u>	<u>3,020</u>	<u>2,699</u>	<u>2,401</u>	<u>2,123</u>	<u>1,864</u>	<u>1,626</u>	<u>1,407</u>	<u>35,706</u>
11. Total Depreciation and Return		<u>48,729</u>	<u>46,196</u>	<u>43,660</u>	<u>41,500</u>	<u>39,574</u>	<u>37,265</u>	<u>34,633</u>	<u>32,127</u>	<u>29,824</u>	<u>27,505</u>	<u>25,304</u>	<u>22,887</u>	<u>429,204</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  
Actual for Months January 2008 through July 2008  
Projected for Months August 2008 through December 2008

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	
4. Depreciation Expense		<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>1,692</u>
5. Cumulative Investment	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460
6. Less: Accumulated Deprec	5,534	<u>5,675</u>	<u>5,816</u>	<u>5,957</u>	<u>6,098</u>	<u>6,239</u>	<u>6,380</u>	<u>6,521</u>	<u>6,662</u>	<u>6,803</u>	<u>6,944</u>	<u>7,085</u>	<u>7,226</u>	<u>7,226</u>
7. Net Investment	<u>2,926</u>	<u>2,785</u>	<u>2,644</u>	<u>2,503</u>	<u>2,362</u>	<u>2,221</u>	<u>2,080</u>	<u>1,939</u>	<u>1,798</u>	<u>1,657</u>	<u>1,516</u>	<u>1,375</u>	<u>1,234</u>	<u>1,234</u>
8. Average Investment		2,856	2,715	2,574	2,433	2,292	2,151	2,010	1,869	1,728	1,587	1,446	1,305	
9. Return on Average Investment		17	16	15	14	14	13	12	11	10	9	9	8	148
10. Return Requirements		<u>28</u>	<u>26</u>	<u>24</u>	<u>23</u>	<u>23</u>	<u>21</u>	<u>20</u>	<u>18</u>	<u>16</u>	<u>15</u>	<u>15</u>	<u>13</u>	<u>242</u>
11. Total Depreciation and Return		<u>169</u>	<u>167</u>	<u>165</u>	<u>164</u>	<u>164</u>	<u>162</u>	<u>161</u>	<u>159</u>	<u>157</u>	<u>156</u>	<u>156</u>	<u>154</u>	<u>1,934</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.

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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2008 through July 2008  
Projected for Months August 2008 through December 2008

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	83	0	13,472	165,368	165,368	165,368	165,368	165,368	840,393
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	83	83	13,555	178,923	344,291	509,659	675,027	840,395	
4. Depreciation Expense		0	0	0	0	1	1	114	1,604	4,360	7,116	9,872	12,629	35,697
5. Cumulative Investment	0	0	0	0	0	83	83	13,555	178,923	344,291	509,659	675,027	840,395	840,395
6. Less: Accumulated Depreciation	0	0	0	0	0	1	2	116	1,720	6,080	13,196	23,068	35,697	35,697
7. Net Investment	0	0	0	0	0	82	81	13,439	177,203	338,211	496,463	651,959	804,698	804,698
8. Average Investment		0	0	0	0	41	82	6,760	95,321	257,707	417,337	574,211	728,329	
9. Return on Average Investment		0	0	0	0	0	0	40	567	1,533	2,483	3,417	4,334	12,374
10. Return Requirements		0	0	0	0	0	0	65	923	2,496	4,042	5,563	7,056	20,145
Total Depreciation and Return		0	0	0	0	1	1	179	2,527	6,856	11,158	15,435	19,685	55,842

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.

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TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Actual for Months January 2008 through July 2008  
Projected for Months August 2008 through December 2008

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1 Heating and Cooling	22,305	25,360	15,989	24,233	31,083	30,471	27,214	25,860	25,860	25,860	25,860	25,860	305,955
2 Prime Time	697,276	658,925	653,912	535,284	526,763	527,745	545,112	593,903	591,600	589,280	587,080	584,662	7,091,542
3 Energy Audits	119,936	107,527	114,262	132,274	185,548	147,400	224,609	189,050	189,050	189,050	191,868	189,050	1,979,624
4 Cogeneration	12,642	9,334	12,191	10,049	10,137	7,822	12,966	11,354	11,354	11,354	11,354	11,354	131,911
5 Commercial Load Management	491	1,209	290	220	1,647	1,494	396	680	678	677	411	409	8,602
6 Commercial Lighting	26,209	8,889	7,478	68,574	883	36,664	47,078	24,964	24,964	24,964	24,964	24,964	320,595
7 Standby Generator	77,576	74,318	89,052	97,882	109,037	110,854	109,872	114,615	114,615	114,615	114,615	114,615	1,241,666
8 Conservation Salue	238	403	278	636	41	1,247	700	730	20,730	730	20,730	730	47,193
9 Duct Repair	117,851	113,963	96,428	89,516	120,931	199,477	176,846	189,885	189,885	189,885	189,885	189,885	1,864,437
10 Renewable Energy Initialide	3,859	4,406	(4,805)	655	(8,030)	(13,931)	0	0	0	0	0	0	(17,846)
11 Industrial Load Management	0	0	0	0	0	0	0	0	0	0	0	0	0
12 DSM R&D	0	0	177	(177)	0	0	0	0	0	0	0	0	0
13 Commercial Cooling	1,337	8,487	2,622	5,033	4,246	6,840	1,407	7,046	7,046	7,046	7,046	7,046	65,202
14 Residential New Construction	846	280	165	1,686	0	311	222	562	1,085	1,085	1,085	485	7,812
15 Common Expenses	22,393	24,628	22,269	20,837	94,559	22,772	124,034	24,484	24,484	24,484	24,484	24,484	453,912
16 Price Responside Load Mgmt	90,557	63,915	60,377	56,102	135,547	83,698	147,020	511,344	362,013	336,315	337,592	309,832	2,494,312
17 Residential Building Improvement	22,074	21,062	18,382	20,326	31,170	35,064	49,989	32,665	31,999	32,730	31,999	32,665	360,125
18 Educational Energy Awareness (Pilot)	393	(1,514)	13,512	11,150	333	9,146	1,195	956	956	956	3,956	3,956	44,995
19 Residential Low- Income Weatherization	164	(1,016)	9,845	8,176	8,389	2,489	6,479	1,804	1,804	2,804	1,804	1,804	44,546
20 Commerical Duct Repair	415	(45)	9	0	0	0	0	93	594	93	93	594	1,846
21 Commerical Building Imprödement	375	(13)	27	0	0	0	0	863	1,363	863	1,661	1,363	6,502
22 Commerical Energy Efficient Motors	414	(97)	84	0	0	0	0	112	1,334	1,334	1,309	1,334	5,824
23 Commerical Demand Response	2,013	7,865	3,441	735	71,337	97,827	145,756	190,742	200,742	200,742	200,742	200,742	1,322,684
24 Commerical Chiller Replacement	764	(427)	9	0	0	3,188	0	177	177	10,177	177	177	14,419
25 Commerical Occupany Sensors (Lighting)	393	(107)	9	0	38	4,089	0	1,167	1,132	1,132	1,157	1,132	10,142
26 Commerical Refrigeration (Anti-Condensale)	373	(97)	9	375	0	0	0	99	119	99	245	99	1,321
27 Commerical Water Heating	100	(107)	9	0	0	0	38	66	66	445	66	420	1,103
28 Total	1,220,994	1,127,148	1,116,021	1,083,566	1,323,659	1,314,667	1,620,933	1,923,221	1,803,650	1,766,720	1,780,183	1,727,662	17,808,424
29 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conservation Expenses	<u>1,220,994</u>	<u>1,127,148</u>	<u>1,116,021</u>	<u>1,083,566</u>	<u>1,323,659</u>	<u>1,314,667</u>	<u>1,620,933</u>	<u>1,923,221</u>	<u>1,803,650</u>	<u>1,766,720</u>	<u>1,780,183</u>	<u>1,727,662</u>	<u>17,808,424</u>

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months January 2008 through July 2008  
Projected for Months August 2008 through December 2008

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	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)	<u>1,368,073</u>	<u>1,152,705</u>	<u>1,180,164</u>	<u>1,264,571</u>	<u>1,360,894</u>	<u>1,622,179</u>	<u>1,574,669</u>	<u>1,761,699</u>	<u>1,749,353</u>	<u>1,592,043</u>	<u>1,369,894</u>	<u>1,368,830</u>	<u>17,365,074</u>
3. Total Revenues	1,368,073	1,152,705	1,180,164	1,264,571	1,360,894	1,622,179	1,574,669	1,761,699	1,749,353	1,592,043	1,369,894	1,368,830	17,365,074
4. Prior Period True-up	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,246</u>	<u>47,242</u>	<u>566,948</u>
5. Conservation Revenue Applicable to Period	1,415,319	1,199,951	1,227,410	1,311,817	1,408,140	1,669,425	1,621,915	1,808,945	1,796,599	1,639,289	1,417,140	1,416,072	17,932,022
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>1,220,994</u>	<u>1,127,148</u>	<u>1,116,021</u>	<u>1,083,566</u>	<u>1,323,659</u>	<u>1,314,667</u>	<u>1,620,933</u>	<u>1,923,221</u>	<u>1,803,650</u>	<u>1,766,720</u>	<u>1,780,183</u>	<u>1,727,662</u>	<u>17,808,424</u>
7. True-up This Period (Line 5 - Line 6)	194,325	72,803	111,389	228,251	84,481	354,758	982	(114,276)	(7,051)	(127,431)	(363,043)	(311,590)	123,598
8. Interest Provision This Period (C-3, Page 6, Line 10)	2,152	1,873	1,846	2,052	2,225	2,407	2,691	2,375	2,091	1,880	1,333	613	23,538
9. True-up & Interest Provision Beginning of Period	566,948	716,179	743,609	809,598	992,655	1,032,115	1,342,034	1,298,461	1,139,314	1,087,108	914,311	505,355	566,948
10. Prior Period True-up Collected/(Refunded)	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,246)</u>	<u>(47,242)</u>	<u>(566,948)</u>
11. End of Period Total Net True-up	<u>716,179</u>	<u>743,609</u>	<u>809,598</u>	<u>992,655</u>	<u>1,032,115</u>	<u>1,342,034</u>	<u>1,298,461</u>	<u>1,139,314</u>	<u>1,087,108</u>	<u>914,311</u>	<u>505,355</u>	<u>147,136</u>	<u>147,136</u>

\* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	12,315,494	0.68	100,052
Energy	<u>5,838,616</u>	<u>0.32</u>	<u>47,084</u>
Total	<u>18,154,110</u>	<u>1.00</u>	<u>147,136</u>

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of Interest Provision

Actual for Months January 2008 through July 2008  
Projected for Months August 2008 through December 2008

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$566,948	\$716,179	\$743,609	\$809,598	\$992,655	\$1,032,115	\$1,342,034	\$1,298,461	\$1,139,314	\$1,087,108	\$914,311	\$505,355	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>714,027</u>	<u>741,736</u>	<u>807,752</u>	<u>990,603</u>	<u>1,029,890</u>	<u>1,339,627</u>	<u>1,295,770</u>	<u>1,136,939</u>	<u>1,085,017</u>	<u>912,431</u>	<u>504,022</u>	<u>146,523</u>	
3. Total Beginning & Ending True-up	<u>\$1,280,975</u>	<u>\$1,457,915</u>	<u>\$1,551,361</u>	<u>\$1,800,201</u>	<u>\$2,022,545</u>	<u>\$2,371,742</u>	<u>\$2,637,804</u>	<u>\$2,435,400</u>	<u>\$2,224,331</u>	<u>\$1,999,539</u>	<u>\$1,418,333</u>	<u>\$651,878</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$640,488</u>	<u>\$728,958</u>	<u>\$775,681</u>	<u>\$900,101</u>	<u>\$1,011,273</u>	<u>\$1,185,871</u>	<u>\$1,318,902</u>	<u>\$1,217,700</u>	<u>\$1,112,166</u>	<u>\$999,770</u>	<u>\$709,167</u>	<u>\$325,939</u>	
5. Interest Rate - First Day of Month	<u>4.980%</u>	3.080%	3.090%	2.630%	2.840%	2.430%	2.450%	2.440%	2.250%	2.250%	2.250%	2.250%	
6. Interest Rate - First Day of Next Month	<u>3.080%</u>	<u>3.090%</u>	<u>2.630%</u>	<u>2.840%</u>	<u>2.430%</u>	<u>2.450%</u>	<u>2.440%</u>	<u>2.250%</u>	<u>2.250%</u>	<u>2.250%</u>	<u>2.250%</u>	<u>2.250%</u>	
7. Total (Line 5 + Line 6)	<u>8.060%</u>	<u>6.170%</u>	<u>5.720%</u>	<u>5.470%</u>	<u>5.270%</u>	<u>4.880%</u>	<u>4.890%</u>	<u>4.690%</u>	<u>4.500%</u>	<u>4.500%</u>	<u>4.500%</u>	<u>4.500%</u>	
8. Average Interest Rate (50% of Line 7)	<u>4.030%</u>	<u>3.085%</u>	<u>2.860%</u>	<u>2.735%</u>	<u>2.635%</u>	<u>2.440%</u>	<u>2.445%</u>	<u>2.345%</u>	<u>2.250%</u>	<u>2.250%</u>	<u>2.250%</u>	<u>2.250%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.336%</u>	<u>0.257%</u>	<u>0.238%</u>	<u>0.228%</u>	<u>0.220%</u>	<u>0.203%</u>	<u>0.204%</u>	<u>0.195%</u>	<u>0.188%</u>	<u>0.188%</u>	<u>0.188%</u>	<u>0.188%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$2,152</u>	<u>\$1,873</u>	<u>\$1,846</u>	<u>\$2,052</u>	<u>\$2,225</u>	<u>\$2,407</u>	<u>\$2,691</u>	<u>\$2,375</u>	<u>\$2,091</u>	<u>\$1,880</u>	<u>\$1,333</u>	<u>\$613</u>	<u>\$23,538</u>

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TAMPA ELECTRIC COMPANY  
Energy Conservation  
Calculation of Conservation Revenues

Actual for Months January 2008 through July 2008  
Projected for Months August 2008 through December 2008

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,437,483	113,265	1,368,073
February	1,210,392	106,498	1,152,705
March	1,242,474	105,042	1,180,164
April	1,340,798	97,948	1,264,571
May	1,429,716	112,653	1,360,894
June	1,711,808	110,447	1,622,179
July	1,669,864	96,346	1,574,669
August	1,851,085	121,278	1,761,699
September	1,844,136	117,798	1,749,353
October	1,674,140	122,046	1,592,043
November	1,438,927	118,124	1,369,894
December	1,432,756	122,067	1,368,830
Total	<u>18,283,579</u>	<u>1,343,512</u>	<u>17,365,074</u>

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**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** HEATING AND COOLING

**Program Description:** This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 1,613 units projected to be installed and approved.

January 1, 2009 to December 31, 2009

There are 952 units projected to be installed and approved.

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures estimated for the period are \$305,955.

January 1, 2009 to December 31, 2009

Expenditures estimated for the period are \$238,225.

**Program Progress  
Summary:**

Through December 31, 2007, there were 161,999 units installed and approved.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRIME TIME

**Program Description:** This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating and pool pumps. Participating customers receive monthly credits on their electric bills.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 51,755 projected customers for this program on a cumulative basis.

January 1, 2009 to December 31, 2009

There are 50,878 projected customers for this program on a cumulative basis.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Estimated expenditures are \$7,091,542.

January 1, 2009 to December 31, 2009

Estimated expenditures are \$7,571,547.

**Program Progress Summary:**

There were 53,555 cumulative customers participating through December 31, 2007.

Breakdown is as follows:

Water Heating	48,808
Air Conditioning	36,564
Heating	38,218
Pool Pump	10,779

Per Commission Order No. PSC- 05-0181-PAA-EG issued February 16, 2005, Prime Time is closed to new participants.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY AUDITS

**Program Description:** These are on-site, on-line and phone-in audits of residential, commercial and industrial premises that instruct customers on how to use conservation measures and practices to reduce their energy usage.

**Program Projections:** January 1, 2008 to December 31, 2008

Residential – 11,948 (RCS - 0; Free -5,991; On-line - 5,882, Phone in 75)

Comm/Ind - 650 (Paid - 0; Free - 650)

January 1, 2009 to December 31, 2009

Residential – 16,900 (RCS - 0; Alt - 6,900; On-line – 9,500, Phone-in 500)

Comm/Ind - 651 (Paid - 1 Free - 650)

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are expected to be \$1,979,623.

January 1, 2009 to December 31, 2009

Expenditures are expected to be \$2,157,631.

**Program Progress Summary:**

Through December 31, 2007 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	240,822
Residential Cust. Assisted <sup>(1)</sup>	110,906
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	17,414
Commercial Mail-in	1,477

(1) Includes Mail-in and On-line audits. Mail-in audit program phased out on December 31, 2004.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COGENERATION

**Program Description:** This program encourages the development of cost-effective commercial and industrial cogeneration facilities through standard offers and negotiation of contracts for the purchase of firm capacity and energy.

**Program Projections:** January 1, 2008 to December 31, 2008

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric is presently working with two different customers to add additional capacity in 2008 and 2009.

January 1, 2009 to December 31, 2009

The development and publication of the 20-Year Cogeneration Forecast will occur.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$131,911.

January 1, 2009 to December 31, 2009

Expenditures are estimated to be \$122,536.

**Program Progress Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 2008 will be approximately 504 MW.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in our service area.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LOAD MANAGEMENT

**Program Description:** This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

**Program Projections:** January 1, 2008 to December 31, 2008

There are no new installations expected.

January 1, 2009 to December 31, 2009

One installation is expected.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenses of \$8,602 are estimated.

January 1, 2009 to December 31, 2009

Expenses of \$7,101 are estimated.

**Program Progress Summary:**

Through December 31, 2007 there were 6 commercial installations in service.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LIGHTING

**Program Description:** This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

**Program Projections:** January 1, 2008 to December 31, 2008

During this period, 43 customers are expected to participate.

January 1, 2009 to December 31, 2009

During this period, 16 customers are expected to participate

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures estimated for the period are \$320,595.

January 1, 2009 to December 31, 2009

Expenditures estimated for this period are \$115,471.

**Program Progress Summary:**

Through December 31, 2007, there were 1,107 customers that participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** STANDBY GENERATOR

**Program Description:** This is a program designed to utilize the emergency generation capacity at firm commercial/industrial facilities in order to reduce weather-sensitive peak demand.

**Program Projections:** January 1, 2008 to December 31, 2008

36 new installations expected.

January 1, 2009 to December 31, 2009

Three installations are expected.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures estimated for the period are \$1,241,666.

January 1, 2009 to December 31, 2009

Expenditures estimated for the period are \$1,622,253.

**Program Progress Summary:**

Through December 31, 2007, there are 41 customers participating.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CONSERVATION VALUE

**Program Description:** This is an incentive program for firm commercial/industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

**Program Projections:** January 1, 2008 to December 31, 2008

One customer is expected to participate during this period.

January 1, 2009 to December 31, 2009

Two customers are expected to participate during this period.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Estimated expenses are \$47,193.

January 1, 2009 to December 31, 2009

Estimated expenses are \$144,382.

**Program Progress Summary:**

Through December 31, 2007, there were 31 customers that earned incentive dollars. We continue to work with customers on evaluations of various measures.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** DUCT REPAIR

**Program Description:** This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 8,500 repairs projected to be made.

January 1, 2009 to December 31, 2009

There are 5,930 repairs projected to be made.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures estimated for the period are \$1,864,437.

January 1, 2009 to December 31, 2009

Expenditures estimated for the period are \$1,267,505.

**Program Progress Summary:**

Through December 31, 2007, there are 59,838 customers that have participated.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** RENEWABLE ENERGY INITIATIVE

**Program Description:** This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 3,712 customers with 5,087 subscribed blocks estimated for this period on a cumulative basis.

January 1, 2009 to December 31, 2009

There are 5,096 customers with 6,983 subscribed blocks estimated for this period on a cumulative basis.

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

For the period, the company anticipates excess revenues of approximately \$90,000 to be used for new renewable generation.

January 1, 2009 to December 31, 2009

For the period, expenditures are estimated to be \$111,271.

For the period, revenues and expenses are projected to be the same.

**Program Progress  
Summary:**

Through December 31, 2007, there were 2,350 customers with 3,358 blocks subscribed.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** INDUSTRIAL LOAD MANAGEMENT

**Program Description:** This is a load management program for large industrial customers with interruptible loads of 500 kW or greater.

**Program Projections:** January 1, 2008 to December 31, 2008

No customers are expected to participate.

January 1, 2009 to December 31, 2009

See Program Progress Summary below.

**Program Fiscal Expenditures:** January 1, 2008 to December 31, 2008

No expenses are expected.

January 1, 2009 to December 31, 2009

Expenditures estimated for the period are \$131,067.

**Program Progress Summary:**

Program approved by FPSC in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. For 2008, current assessment for participation has program open for customers, however, no participation is expected. Should the 2009 assessment indicate an opportunity for customer participation, the projected expenditures above have been based on the current interruptible class load average per customer with the additional assumption that each incremental customer would replicate that average.



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** DSM RESEARCH AND DEVELOPMENT (R&D)

**Program Description:** This is a five-year R&D program directed at end-use technologies (both residential and commercial) 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, 2008 to December 31, 2008

No expenditures are projected.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$151,980.

**Program Progress Summary:**

For 2009, Tampa Electric is planning to explore the feasibility of a commercial price responsive load management pilot. The goal of the pilot will be to identify the program costs and benefits necessary to evaluate the cost effectiveness of the initiative for inclusion in the company's DSM Plan.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** COMMERCIAL COOLING

**Program Description:** This is an incentive program to encourage the installation of high efficiency direct expansion (DX) and Package Terminal Air Conditioning (PTAC) commercial air conditioning equipment.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 165 customers expected to participate.

January 1, 2009 to December 31, 2009

There are 96 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated at \$65,202.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$37,833.

**Program Progress Summary:**

Through December 31, 2007, there were 620 units installed and approved.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY PLUS HOMES

**Program Description:** This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.

**Program Projections:** January 1, 2008 to December 31, 2008

There are three customers expected to participate.

January 1, 2009 to December 31, 2009

There are twelve customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated at \$7,812.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$10,027.

**Program Progress Summary:**

Through December 31, 2007, 38 approved homes have participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMON EXPENSES

**Program Description:** These are expenses common to all programs.

**Program Projections:** N/A

**Program Fiscal Expenditures:** January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$453,912.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$260,436.

**Program Progress Summary:** N/A

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRICE RESPONSIVE LOAD MANAGEMENT

**Program Description:** A load management program designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 762 projected customers for this program on a cumulative basis.

January 1, 2009 to December 31, 2009

There are 1,762 projected customers for this program on a cumulative basis.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated at \$2,494,312.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$1,435,273.

**Program Progress Summary:**

Through December 31, 2007, there were 170 participating customers participating.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** RESIDENTIAL BUILDING ENVELOPE IMPROVEMENT

**Program Description:** This is a program that encourages customers to make cost-effective improvements to existing residences in the areas of ceiling insulation, wall insulation, and window improvements.

**Program Projections:** January 1, 2008 to December 31, 2008

Ceiling Insulation – 1,255  
Wall Insulation - 1  
Window Upgrades - 165  
Window Film - 156

January 1, 2009 to December 31, 2009

Ceiling Insulation – 1,700  
Wall Insulation - 25  
Window Upgrades - 150  
Window Film - 225

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$360,125.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$416,008.

**Program Progress  
Summary:**

Through December 31, 2007, there were 80,590 customers that participated in the company's ceiling insulation program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** EDUCATIONAL ENERGY AWARENESS - PILOT

**Program Description:** A three year pilot program designed to save demand and energy by increasing customer awareness of energy use in personal residences. This program is aimed at schools within the Tampa Electric service area and designed to educate students on energy awareness through scripted, professionally written presentations using humor, interactive theater and classroom guides to teach students the benefits of energy efficiency.

**Program Projections:** January 1, 2008 to December 31, 2008

Program presentations planned to Hillsborough County schools for the 2008 – 2009 school year.

January 1, 2009 to December 31, 2009

Program presentations planned to Hillsborough County schools for the 2008 – 2009 and 2009 – 2010 school years.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$44,995

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$214,776.

**Program Progress Summary:**

The program will target third through fifth grade students, enhancing the current science curriculum covering conservation and energy efficiency solutions. The program's supplemental material will include real world projects such as home energy audits.

At the end of the three – year pilot period, Tampa Electric will evaluate the overall effectiveness of the program to determine if a permanent program aimed at grade school students is cost-effective.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL LOW-INCOME WEATHERIZATION

**Program Description:** A program designed to assist low-income families in reducing their energy usage by providing and/or installing the necessary materials for the various conservation measures, as well as educating families on energy conservation techniques that promote behavioral changes to help customers control their energy usage.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 96 customers expected to participate.

January 1, 2009 to December 31, 2009

There are 150 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$44,546.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$120,713.

**Program Progress Summary:**

As a new program, progress summaries will begin with 2008 activities.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL DUCT REPAIR

**Program Description:** This is a commercial conservation program designed to reduce weather-sensitive peaks for commercial HVAC units less than or equal to 65,000 Btu/h by offering incentives to encourage the repair of the air distribution system in commercial facilities.

**Program Projections:** January 1, 2008 to December 31, 2008

There are five repairs expected to be made.

January 1, 2009 to December 31, 2009

There are 10 repairs projected to be made.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$1,846.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$2,664.

**Program Progress Summary:**

As a new program, progress summaries will begin with 2008 activities.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** COMMERCIAL BUILDING ENVELOPE IMPROVEMENT

**Program Description:** This is a program that encourages customers to make cost-effective improvements to existing commercial facilities in the areas of ceiling insulation, wall insulation and window improvements.

**Program Projections:** January 1, 2008 to December 31, 2008

Ceiling Insulation - 2  
Wall Insulation - 0  
Window Film - 0

January 1, 2009 to December 31, 2009

Ceiling Insulation - 10  
Wall Insulation - 10  
Window Film - 15

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$6,502.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$14,208.

**Program Progress  
Summary:**

As a new program, progress summaries will begin with 2008 activities.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL ENERGY EFFICIENT MOTORS

**Program Description:** This is a commercial/industrial conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency motors at existing commercial/industrial facilities.

**Program Projections:** January 1, 2008 to December 31, 2008

There is one motor projected to be installed and approved.

January 1, 2009 to December 31, 2009

There are 50 motors projected to be installed and approved.

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$5,824.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$10,548.

**Program Progress  
Summary:**

As a new program, progress summaries will begin with 2008 activities.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** COMMERCIAL DEMAND RESPONSE

**Program Description:** Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks.

**Program Projections:** January 1, 2008 to December 31, 2008

There are 25 MW of demand response available for control.

January 1, 2009 to December 31, 2009

There are 25 MW of demand response projected to be available for control.

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$1,322,684.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$2,465,960.

**Program Progress  
Summary:**

Tampa Electric is currently fully subscribed at 25 MW.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL CHILLER REPLACEMENT

**Program Description:** This is an incentive program to encourage the installation of high efficiency air and water cooled chilled commercial air conditioning equipment.

**Program Projections:** January 1, 2008 to December 31, 2008

There are two units projected to be installed and approved.

January 1, 2009 to December 31, 2009

There are three units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$14,419.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$22,710.

**Program Progress Summary:**

As a new program, progress summaries will begin with 2008 activities.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL OCCUPANCY SENSORS (LIGHTING)

**Program Description:** This program is aimed at reducing the growth of peak demand and energy by providing an incentive to encourage commercial/industrial customers to install occupancy sensors in any area where indoor lights would be used on peak.

**Program Projections:** January 1, 2008 to December 31, 2008

There are two units projected to be installed and approved.

January 1, 2009 to December 31, 2009

There are two units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$10,142.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$3,884.

**Program Progress Summary:**

As a new program, progress summaries will begin with 2008 activities.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** COMMERCIAL REFRIGERATION (ANTI-CONDENSATE)

**Program Description:** This program is designed to reduce the peak demand and energy consumption for commercial/industrial customers by increasing the use of efficient refrigeration controls and equipment.

**Program Projections:** January 1, 2008 to December 31, 2008

There is one unit projected to be installed and approved.

January 1, 2009 to December 31, 2009

There are two units projected to be installed and approved.

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$1,321.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$2,004.

**Program Progress  
Summary:**

As a new program, progress summaries will begin with 2008 activities.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL WATER HEATING

**Program Description:** This is a conservation program designed to reducing future growth of demand and energy consumption by encouraging commercial/industrial customers to install high efficiency water heating systems.

**Program Projections:** January 1, 2008 to December 31, 2008

There is one unit projected to be installed and approved.

January 1, 2009 to December 31, 2009

There are two units projected to be installed and approved.

**Program Fiscal  
Expenditures:**

January 1, 2008 to December 31, 2008

Expenditures are estimated to be \$1,103.

January 1, 2009 to December 31, 2009

Expenditures are estimated at \$2,244.

**Program Progress  
Summary:**

As a new program, progress summaries will begin with 2008 activities.



**INPUT DATA - PART 1  
PROGRAM TITLE: GSLM 2 & 3**

PSC FORM CE 1.1  
PAGE 1 OF 1  
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**PROGRAM DEMAND SAVINGS & LINE LOSSES**

I. (1) CUSTOMER KW REDUCTION AT THE METER	3071.000 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	3161.214 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	745512 KWH/CUST/YR
I. (5) KWH LINE LOSS PERCENTAGE	5.8 %
I. (6) GROUP LINE LOSS MULTIPLIER	1
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR
I. (8)* CUSTOMER KWH REDUCTION AT METER	704643 KWH/CUST/YR

**ECONOMIC LIFE & K FACTORS**

II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS
II. (2) GENERATOR ECONOMIC LIFE	25 YEARS
II. (3) T & D ECONOMIC LIFE	25 YEARS
II. (4) K FACTOR FOR GENERATION	1.612
II. (5) K FACTOR FOR T & D	1.612
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	1

**UTILITY & CUSTOMER COSTS**

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	106743.00 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	1396.16 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.3 %
III. (4) CUSTOMER EQUIPMENT COST	0.00 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.5 %
III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST
III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %
III. (10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR
III. (11)* SUPPLY COSTS ESCALATION RATE	0 %
III. (12)* UTILITY DISCOUNT RATE	0.0789
III. (13)* UTILITY AFUDC RATE	0.0779
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	384225.00 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

**AVOIDED GENERATOR, TRANS. & DIST COSTS**

IV. (1) BASE YEAR	2008
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2012
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2012
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	870.34 \$/KW
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/KW
IV. (6) BASE YEAR DISTRIBUTION COST	0 \$/KW
IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.3 %
IV. (8) GENERATOR FIXED O & M COST	21.45 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.3 %
IV. (10) TRANSMISSION FIXED O & M COST	0 \$/KW/YR
IV. (11) DISTRIBUTION FIXED O & M COST	0 \$/KW/YR
IV. (12) T&D FIXED O&M ESCALATION RATE	2.3 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.364 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.3 %
IV. (15) GENERATOR CAPACITY FACTOR	2.2 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	7.49 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	3.66 %
IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$/KW/YR
IV. (19)* CAPACITY COST ESCALATION RATE	0 %

**NON-FUEL ENERGY AND DEMAND CHARGES**

V. (1) NON-FUEL COST IN CUSTOMER BILL	1.370 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	7.25 \$/KW/MO
V. (4) DEMAND CHARGE ESCALATION RATE	1 %
V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	0

<b>CALCULATED BENEFITS AND COSTS</b>	
(1)* TRC TEST - BENEFIT/COST RATIO	43.08
(2)* PARTICIPANT NET BENEFITS (NPV)	4,887
(3)* RIM TEST - BENEFIT/COST RATIO	1.20

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TOTAL RESOURCE COST TESTS  
PROGRAM: GSLM 2 & 3

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August 28, 2008

(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)	
2008	0	107	0	0	107	0	0	30	0	30	(77)	(77)	
2009	0	1	0	0	1	0	0	46	0	46	45	(36)	
2010	0	1	0	0	1	0	0	45	0	45	44	2	
2011	0	1	0	0	1	0	0	46	0	46	44	37	
2012	0	2	0	0	2	493	0	44	0	537	536	433	
2013	0	2	0	0	2	505	0	43	0	548	546	806	
2014	0	2	0	0	2	517	0	48	0	566	564	1,164	
2015	0	2	0	0	2	530	0	48	0	578	576	1,503	
2016	0	2	0	0	2	543	0	54	0	597	595	1,827	
2017	0	2	0	0	2	556	0	54	0	610	609	2,135	
2018	0	2	0	0	2	570	0	57	0	627	625	2,427	
2019	0	2	0	0	2	584	0	58	0	642	640	2,705	
2020	0	2	0	0	2	598	0	63	0	661	659	2,970	
2021	0	2	0	0	2	613	0	60	0	673	671	3,220	
2022	0	2	0	0	2	628	0	64	0	692	690	3,458	
2023	0	2	0	0	2	644	0	74	0	718	716	3,688	
2024	0	2	0	0	2	660	0	73	0	732	730	3,904	
2025	0	2	0	0	2	676	0	70	0	746	744	4,109	
2026	0	2	0	0	2	692	0	78	0	770	768	4,305	
2027	0	2	0	0	2	710	0	84	0	794	792	4,492	
2028	0	2	0	0	2	727	0	86	0	814	811	4,669	
2029	0	2	0	0	2	745	0	88	0	833	831	4,838	
2030	0	2	0	0	2	764	0	91	0	855	852	4,998	
2031	0	2	0	0	2	783	0	95	0	877	875	5,151	
2032	0	2	0	0	2	802	0	100	0	902	900	5,296	
NOMINAL	0	153	0	0	153	13,340	0	1,600	0	14,940	14,788		
NPV:	0	126	0	0	126	4,783	0	639	0	5,422	5,296		
Discount Rate		0.0789	Benefit/Cost Ratio - [col (11)/col (6)]:					43.08					

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PARTICIPANT COSTS AND BENEFITS  
PROGRAM: GSLM 2 & 3

PSC FORM CE 2.4  
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August 28, 2008

(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)
2008	25	0	192	0	217	0	0	0	0	217	217
2009	47	0	384	0	431	0	0	0	0	431	617
2010	44	0	384	0	428	0	0	0	0	428	984
2011	44	0	384	0	428	0	0	0	0	428	1,325
2012	45	0	384	0	429	0	0	0	0	429	1,642
2013	47	0	384	0	431	0	0	0	0	431	1,937
2014	48	0	384	0	432	0	0	0	0	432	2,211
2015	49	0	384	0	433	0	0	0	0	433	2,465
2016	51	0	384	0	435	0	0	0	0	435	2,702
2017	53	0	384	0	438	0	0	0	0	438	2,923
2018	55	0	384	0	439	0	0	0	0	439	3,129
2019	57	0	384	0	441	0	0	0	0	441	3,320
2020	58	0	384	0	443	0	0	0	0	443	3,498
2021	61	0	384	0	445	0	0	0	0	445	3,664
2022	63	0	384	0	448	0	0	0	0	448	3,819
2023	65	0	384	0	450	0	0	0	0	450	3,963
2024	68	0	384	0	453	0	0	0	0	453	4,097
2025	70	0	384	0	454	0	0	0	0	454	4,222
2026	72	0	384	0	456	0	0	0	0	456	4,338
2027	75	0	384	0	459	0	0	0	0	459	4,447
2028	77	0	384	0	462	0	0	0	0	462	4,548
2029	79	0	384	0	464	0	0	0	0	464	4,642
2030	82	0	384	0	466	0	0	0	0	466	4,729
2031	84	0	384	0	468	0	0	0	0	468	4,811
2032	87	0	384	0	471	0	0	0	0	471	4,887
NOMINAL	1,508	0	9,414	0	10,921	0	0	0	0	10,921	
NPV:	612	0	4,275	0	4,887	0	0	0	0	4,887	
In service year of gen unit:			2012								
Discount rate:			0.0789								

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RATE IMPACT TEST  
PROGRAM: GSLM 2 & 3

PSC FORM CE 2.5  
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(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)
2008	0	107	192	5	0	304	30	0	0	0	30	(274)	(274)
2009	0	1	384	10	0	395	46	0	0	0	46	(349)	(598)
2010	0	1	384	10	0	396	45	0	0	0	45	(350)	(899)
2011	0	1	384	10	0	396	46	0	0	0	46	(350)	(1177)
2012	0	2	384	10	0	396	537	0	0	0	537	142	(1073)
2013	0	2	384	10	0	396	548	0	0	0	548	152	(969)
2014	0	2	384	10	0	396	566	0	0	0	566	170	(861)
2015	0	2	384	10	0	396	578	0	0	0	578	182	(754)
2016	0	2	384	10	0	396	597	0	0	0	597	201	(645)
2017	0	2	384	11	0	396	610	0	0	0	610	214	(537)
2018	0	2	384	11	0	397	627	0	0	0	627	230	(429)
2019	0	2	384	11	0	397	642	0	0	0	642	245	(323)
2020	0	2	384	11	0	397	661	0	0	0	661	264	(217)
2021	0	2	384	11	0	397	673	0	0	0	673	278	(114)
2022	0	2	384	11	0	397	692	0	0	0	692	295	(12)
2023	0	2	384	11	0	397	718	0	0	0	718	320	91
2024	0	2	384	11	0	398	732	0	0	0	732	335	190
2025	0	2	384	11	0	398	746	0	0	0	746	348	286
2026	0	2	384	12	0	398	770	0	0	0	770	373	381
2027	0	2	384	12	0	398	794	0	0	0	794	396	474
2028	0	2	384	12	0	398	814	0	0	0	814	415	565
2029	0	2	384	12	0	398	833	0	0	0	833	434	653
2030	0	2	384	12	0	399	855	0	0	0	855	456	739
2031	0	2	384	12	0	399	877	0	0	0	877	479	823
2032	0	2	384	12	0	399	902	0	0	0	902	503	904
NOMINAL	0	153	9,414	268	0	9,834	14,940	0	0	0	14,940	5,106	
NPV:	0	126	4,275	117	0	4,518	5,422	0	0	0	5,422	904	
Discount rate:			0.0789				Benefit/Cost Ratio - [col (12)/col (7)]:				1.20		

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**RESIDENTIAL SERVICE  
2009 VARIABLE PRICING (RSVP-1) RATES  
CENTS PER KWH**

<b>Rate Tiers</b>	<b>Base Rate</b>	<b>Fuel</b>	<b>Capacity</b>	<b>Environ</b>	<b>Conserv</b>	<b>Total Clauses</b>	<b>Base Rate Plus Clauses</b>
P4	4.342	7.822	0.580	0.227	57.802	66.431	70.773
P3	4.342	7.822	0.580	0.227	10.264	18.893	23.235
P2	4.342	7.822	0.580	0.227	(1.419)	7.21	11.552
P1	4.342	7.822	0.580	0.227	(3.856)	4.773	9.115

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 MAY 2009 THROUGH DECEMBER 2009 using 2009 Annual Rate Case Load Research Data

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter(May-Dec) (MWH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MWH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 25% Avg Demand Factor (%)
RS	54.27%	6,488,202	1,908	1.085358	1.054823	6843902	2071	45.53%	54.82%	52.49%
GS,TS	57.68%	772,175	216	1.085358	1.054823	814508	234	5.23%	5.96%	5.78%
Net Transfers		(32,544)	(8)	1.085358	1.054823	-34319	-9	-0.25%	-0.24%	-0.24%
GSD, SBF Standard	80.38%	6,437,446	1,315	1.076018	1.046728	6738254	1415	46.41%	37.69%	39.87%
Net Transfers		32,544	8	1.085358	1.054823	34319	9	0.25%	0.24%	0.24%
GSD Optional		237,447	49	1.076018	1.046728	248542	53	1.70%	1.40%	1.48%
LS1	515.88%	150,739	5	1.085358	1.054823	159003	5	1.13%	0.13%	0.38%
<b>TOTAL</b>		<b>14,086,009</b>	<b>3,483</b>			<b>14,804,209</b>	<b>3,778</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
		23,407								

- (1) AVG 12 CP load factor based on 2009 projected data.
- (2) Projected MWH sales for the period Jan. 2009 thru Dec. 2009.
- (3) Based on 12 months average CP at meter.
- (4) Based on 2009 projected demand losses.
- (5) Based on 2009 projected energy losses.
- (6) Col (2) \* Col (5).
- (7) Col (3) \* Col (4).
- (8) Based on 12 months average percentage of sales at generation.
- (9) Based on 12 months average percentage of demand at generation.

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TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Summary of Cost Recovery Clause Calculation  
 For Months May 2009 through December 2009

1. Total Incremental Cost (C-2, Page 1, Line 17)	<u>27,495,381</u>
2. Demand Related Incremental Costs	<u>23,602,335</u>
3. Energy Related Incremental Costs	3,893,046
4. Interruptible Sales (@ \$0.50 per MWH)	<u>0</u>
5. Net Energy Related Incremental Costs (Line 3 + Line 4)	<u>3,893,046</u>

RETAIL BY RATE CLASS

	RS	GS, TS	GSD, SBF STANDARD	GSD OPTIONAL	LS1	Total
6. Demand Allocation Percentage	52.49%	5.78%	39.87%	1.48%	0.38%	100.00%
7. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	12,388,866	1,364,215	9,410,251	349,315	89,689	23,602,335
8. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>(52,517)</u>	<u>(5,783)</u>	<u>(39,891)</u>	<u>(1,481)</u>	<u>(380)</u>	<u>(100,052)</u>
9. Total Demand Related Incremental Costs	<u>12,336,349</u>	<u>1,358,432</u>	<u>9,370,360</u>	<u>347,834</u>	<u>89,309</u>	<u>23,502,283</u>
10. Energy Allocation Percentage	45.53%	5.23%	46.41%	1.70%	1.13%	100.00%
11. Net Energy Related Incremental Costs	1,772,504	203,606	1,806,763	66,182	43,991	3,893,046
12. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>(23,284)</u>	<u>(2,769)</u>	<u>(14,139)</u>	<u>(6,370)</u>	<u>(542)</u>	<u>(47,084)</u>
13. Total Net Energy Related Incremental Costs	<u>1,749,240</u>	<u>200,837</u>	<u>1,792,624</u>	<u>59,812</u>	<u>43,449</u>	<u>3,845,962</u>
<hr/>						
14. Total Incremental Costs (Line 7 + 10)	14,161,370	1,567,821	11,217,014	415,497	133,680	27,495,382
15. Total True Up (Over)/Under Recovery (Line 8 + 11) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(75,781)</u>	<u>(8,552)</u>	<u>(54,030)</u>	<u>(7,851)</u>	<u>(922)</u>	<u>(147,136)</u>
16. Total (Line 13 + 14)	<u>14,085,589</u>	<u>1,559,269</u>	<u>11,162,984</u>	<u>407,646</u>	<u>132,758</u>	<u>27,348,246</u>
17. Firm Retail MWH Sales	6,488,202	739,631	6,469,990	237,447	150,739	14,086,009
18. Effective MWH at Secondary	6,488,202	739,631	6,446,715	237,315	150,739	14,082,602
19. Effective KW at Secondary	*	*	15,194,623	*	*	
20. Cost per KWH at Secondary (Line 16/Line 18)	0.21710	0.21082	*	0.17177	0.08807	
21. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	
22. Adjustment Factor Adjusted for Taxes	0.2173	0.2110	*	0.1719	0.0881	
23. Conservation Adjustment Factor (cents/KWH)						
<b><u>RS, GS, TS, GSD Optional and LS1 Rates *</u></b>						
- Secondary	<u>0.217</u>	<u>0.211</u>		<u>0.172</u>	<u>0.088</u>	
- Primary				<u>0.170</u>		
- Subtransmission				<u>0.169</u>		
<b><u>GSD Standard Rates</u></b>						
<b><u>Full Requirement</u></b>						
- Secondary	*	*	<u>0.74</u>	*	*	
- Primary	*	*	<u>0.73</u>	*	*	
- Subtransmission	*	*	<u>0.72</u>	*	*	
<b><u>Standby Reserve</u></b>						
- Secondary	*	*	<u>0.09</u>	*	*	
- Primary	*	*	<u>0.09</u>	*	*	
- Subtransmission	*	*	<u>0.09</u>	*	*	
<b><u>Standby Daily</u></b>						
- Secondary	*	*	<u>0.04</u>	*	*	
- Primary	*	*	<u>0.03</u>	*	*	
- Subtransmission	*	*	<u>0.03</u>	*	*	

\*(ROUNDED TO NEAREST .001 PER KWH)

**RESIDENTIAL SERVICE  
2009 PROPOSED VARIABLE PRICING (RSVP-1) RATES  
CENTS PER KWH  
MAY through DECEMBER**

<b>Rate Tiers</b>	<b>Base Rate</b>	<b>Fuel</b>	<b>Capacity</b>	<b>Environ</b>	<b>Conserv</b>	<b>Total Clauses</b>	<b>Base Rate Plus Clauses</b>
P4	5.429	7.822	0.534	0.223	58.249	66.828	72.257
P3	5.429	7.822	0.534	0.223	10.429	19.008	24.437
P2	5.429	7.822	0.534	0.223	(1.323)	7.256	12.685
P1	5.429	7.822	0.534	0.223	(3.745)	4.834	10.263