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September 17, 2010

Ms. Ann Cole, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

RE: Energy Conservation Cost Recovery; Docket No. 100002-EG

Dear Ms. Cole:

Enclosed for filing in the above referenced docket on behalf of Progress Energy Florida, Inc. ("PEF") are the original and fifteen (15) copies of the following:

- PEF's Petition; and
- Projection Testimony of Gary R. Freeman with Exhibit Nos. \_\_\_ (GRF-1PA-1) and \_\_\_ (GRF-1PA-2).

If you have any questions concerning this filing, please feel free to contact me at (727) 820-5184.

Thank you for your assistance in this matter.

Sincerely,

Dianne M. Triplett

DMT/lms  
Enclosures

cc: Certificate of Service

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**BEFORE THE PUBLIC SERVICE COMMISSION**

In re: Energy Conservation Cost Recovery  
Clause

Docket No. 100002-EG

Dated: September 17, 2010

**PETITION OF PROGRESS ENERGY FLORIDA, INC. FOR APPROVAL OF  
CONSERVATION COST RECOVERY TRUE-UP CALCULATIONS, PROJECTED  
PROGRAM EXPENDITURES AND PROJECTED COST RECOVERY FACTORS FOR  
THE PERIOD JANUARY THROUGH DECEMBER 2011**

Given the delay of the Commission's decision regarding the DSM Program Plan Filing (Docket No. 100160-EG), Progress Energy Florida, Inc. ("PEF" or "the Company"), hereby presents the Commission with two scenarios to consider when making a decision regarding the company's conservation cost recovery true-up and cost recovery factors proposed for the period January 2011 through December 2011. Scenario 1 (Exhibit No. GRF-1PA-1) presents cost recovery true-up factors for the Company's currently approved programs, and contains projected cost estimates for the period January 2011 through December 2011. The second option, Scenario 2 (Exhibit No. GRF-1PA-1), assumes that the Commission vote at the agenda hearing on September 14, 2010, which approved PEF's proposed solar pilot programs, results in a consummating order before the hearing in this docket. Scenario 2 presents cost recovery true-up factors for the Company's currently approved programs, as well as the amounts included in its March 30, 2010 DSM Plan for the solar pilot programs, and contains projected cost estimates for the period January 2011 through December 2011. In support thereof, the company says:

**SECTION ONE - SCENARIO 1 (Exhibit No. GRF-1PA-1)**

1. PEF's actual net true-up amount for period January 2009 through December 2009 was an over-recovery of \$1,951,910, including interest. This amount is ~~\$1,446,182~~ more than

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the previous estimate provided in the Company's September 2009 projection filing. See Progress Energy Florida's Response to Staff's First Set of Interrogatories (No.1), filed on June 14, 2010.

2. The total net true-up over-recovery for the period January 2010 through December 2010 is estimated to be \$2,361,090, including interest. See Testimony of Gary R. Freeman and Exhibit No. \_\_ (GRF-1PA-1), Schedule C-2, filed on September 17, 2010.

3. PEF projects total net conservation program costs of \$95,558,561 for the 2011 projection period. See Testimony of Gary R. Freeman and Exhibit No. \_\_ (GRF-1PA-1), Schedule C-2, filed on September 17, 2010.

4. Based upon the required true-up and projected expenditures, PEF has calculated the required conservation cost recovery factors for the period January through December 2011 as follows:

**Scenario 1 - 2011 ECCR Billing Factors (\$/1,000 kWh)**

	<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>
<b><u>Retail Rate Schedule</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>
Residential (Cents/kWh)	.289	N/A	N/A
General-Service-Non-Demand (Cents/kWh)	.242	.240	.237
General Service 100% Load Factor	.206	N/A	N/A
General Service Demand (\$/kW)	.86	.85	.84
Curtable (\$/kW)	.90	.89	.88
Interruptible (\$/kW)	.78	.77	.76
Standby Monthly (\$/kW)	.085	.084	.083
Standby Daily (\$/kW)	.040	.040	.039
Lighting (Cents/kWh)	.141	N/A	N/A

**SECTION TWO – SCENARIO 2 (Exhibit No. GRF-1PA-2)**

5. PEF's actual net true-up amount for period January 2009 through December 2009 was an over-recovery of \$1,951,910, including interest. This amount is \$1,446,182 more than the previous estimate provided in the Company's September 2009 projection filing. See Progress Energy Florida's Response to Staff's First Set of Interrogatories (No.1), filed on June 14, 2010.

6. The total net true-up over-recovery for the period January 2010 through December 2010 is estimated to be \$2,231,495, including interest. See Testimony of Gary R. Freeman and Exhibit No. \_\_ (GRF-1PA-2), Schedule C-2, filed on September 17, 2010.

7. PEF projects total net conservation program costs of \$98,993,268 for the 2011 projection period. See Testimony of Gary R. Freeman and Exhibit No. \_\_ (GRF-1PA-2), Schedule C-2, filed on September 17, 2010.

8. Based upon the required true-up and projected expenditures, PEF has calculated the required conservation cost recovery factors for the period January through December 2011 as follows:

**Scenario 2 - 2011 ECCR Billing Factors (\$/1,000 kWh)**

	<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>
<b><u>Retail Rate Schedule</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>
Residential (Cents/kWh)	.299	N/A	N/A
General-Service-Non-Demand (Cents/kWh)	.252	.249	.247
General Service 100% Load Factor	.216	N/A	N/A
General Service Demand (\$/kW)	.90	.89	.88
Curtaillable (\$/kW)	.94	.93	.92
Interruptible (\$/kW)	.82	.81	.80
Standby Monthly (\$/kW)	.089	.088	.087
Standby Daily (\$/kW)	.042	.042	.041
Lighting (Cents/kWh)	.151	N/A	N/A

WHEREFORE, Progress Energy Florida, Inc., respectfully requests the following alternative relief:


- (a) If the Commission does not issue a consummating order in Docket No. 100160-EG before the hearing in this docket, and the Company must maintain its currently approved programs, PEF requests the Commission's approval of the Company's prior period conservation cost recovery true-up calculations and the projected program expenditures and projected conservation cost recovery charges presented in Scenario 1 above, to be collected during the period January 2011 through December 2011.
- (b) If the Commission issues a consummating order in Docket No. 100160-EG before the hearing in this docket, such that the costs for the solar pilot programs are approved for recovery, PEF requests the Commission's approval of the Company's prior period

conservation cost recovery true-up calculations and the projected program expenditures and projected conservation cost recovery charges presented in Scenario 2 above, to be collected during the period January 2011 through December 2011; and

WHEREFORE, Progress Energy Florida, Inc., further respectfully requests that any material difference (larger than ten percent) between the cost recovery charges approved in this docket and the costs needed to implement the DSM Plan approved by the Commission in Docket No. 100160-EG be considered as a mid-course correction to mitigate rate impacts to customers during the true-up filing in the 2011 Energy Conservation Cost Recovery Clause proceeding.

RESPECTFULLY SUBMITTED this 17<sup>th</sup> day of September, 2010.

By:

  
DIANNE M. TRIPLETT  
Associate General Counsel - Florida  
299 First Avenue North  
St. Petersburg, Florida 33701  
(727) 820-4692

**CERTIFICATE OF SERVICE**

**I HEREBY CERTIFY** that a true and correct copy of PEF's petition and testimony in Docket No. 100002-EG has been furnished by regular U.S. Mail to the following this 17<sup>th</sup> day of September, 2010.

  
Dianne M. Triplett

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**PROGRESS ENERGY FLORIDA**

**DOCKET NO. 100002-EG**

**DIRECT TESTIMONY OF**

**GARY R. FREEMAN**

**WITH RESPECT TO PROJECTED COSTS, SCENARIOS 1 AND 2**

September 17, 2010

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

2 A. My name is Gary R. Freeman. My business address is Progress Energy, 100 East  
3 Davie Street Raleigh, North Carolina 27601.

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 Company)  
7 as General Manager of Demand Side Management/Energy Efficiency Operations.

8  
9 **Q. Have your duties and responsibilities remained the same since you last testified**  
10 **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 the  
15 Company's Demand-Side Management ("DSM") Plan. Given the timing of the  
16 Commission's consideration of PEF's DSM plan in Docket No. 100160 EG, I will  
17 present two scenarios regarding the company's conservation cost recovery true-up  
18 and cost recovery factors proposed for the period January 2011 through December

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1 2011. The first scenario assumes that PEF will continue its currently approved  
2 programs, as established in Order No. PSC-04-0769-PAA-EG, approved August 9,  
3 2004 with additional modifications approved in Order No. PSC-06-1018-TRF-EG,  
4 approved December 11, 2006. The second scenario assumes that the Commission  
5 vote at the agenda hearing on September 14, 2010, which approved PEF's proposed  
6 solar pilot programs, results in a consummating order before the hearing in this  
7 docket. The outcome of this vote will result in the continuation of PEF's currently  
8 approved programs, with the exception of the existing Renewable Energy Saver  
9 program to be replaced with the Demand-Side Renewable Portfolio of solar programs  
10 as submitted for approval in its proposed 2010 Program Plan, filed in Docket No.  
11 100160-EG on March 30, 2010 and which was approved by the Commission vote on  
12 September 14, 2010. For each scenario, I will detail the projected costs for  
13 implementing each program in the plan, explain how these costs are presented in the  
14 attached exhibit, and show the resulting Energy Conservation Cost Recovery (ECCR)  
15 factors for customer billings in 2011.

16  
17 **I. Scenario 1**

18  
19 **Q. Do you have any Exhibits to your testimony?**

20 **A.** Yes, Exhibit No. \_\_\_\_\_ (GRF-1PA-1) consists of Schedules (C-1 through C-5),  
21 which support Progress Energy's ECCR calculations for the 2010 actual/estimated  
22 period and the 2011 projection period.

23  
24 **Q. For what currently approved programs does Progress Energy seek recovery?**

1 A. Progress Energy is seeking to recover those costs allowed pursuant to Rule 25-  
2 17.015, F.A.C., for each of the following Commission-approved conservation  
3 programs, as well as for Conservation Program Administration (those common  
4 administration expenses not specifically linked to an individual program). These  
5 programs are currently approved and do not include any of the Company's new or  
6 modified programs included in its March 30, 2010 filing.

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

23  
24 **Q. What is included in your Exhibit?**

25 A. My exhibits consist of Schedules C-1 through C-5 (GRF-1PA-1). Schedule C-1

1 (GRF-1PA-1) provides a summary of cost recovery clause calculations and  
2 information by retail rate schedule. Schedule C-2 (GRF-1PA-1) provides annual  
3 and monthly conservation program cost estimates for the 2011 projection period for  
4 each conservation program, as well as for common administration expenses.  
5 Additionally, Schedule C-2 (GRF-1PA-1) presents program costs by specific  
6 category (i.e. payroll, materials, incentives, etc.) and includes a schedule of  
7 estimated capital investments, depreciation and return for the projection period.

8 Schedule C-3 contains a detailed breakdown of conservation program costs by  
9 specific category and by month for the actual/estimated period of January through  
10 July 2010 (actual) and August through December 2010 (estimated). In addition,  
11 Schedule C-3 (GRF-1PA-1) presents a schedule of capital investment, depreciation  
12 and return, an energy conservation adjustment calculation of true-up, and a  
13 calculation of interest provision for the 2010 actual/estimated period.

14 Schedule C-4 (GRF-1PA-1) projects ECCR revenues during the 2011  
15 projection period. Schedule C-5 (GRF-1PA-1) presents a brief description of each  
16 program, as well as a summary of progress and projected expenditures for each  
17 program for which Progress Energy seeks cost recovery through the ECCR clause.

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- Q. Would you please summarize the major results from your Exhibit?**
- A. Yes. Schedule C-2 (GRF-1PA-1), Page 1 of 7, Line 22, shows total net program costs of \$95,558,561 for the 2011 projection period. The following table presents Progress Energy's proposed ECCR billing factors, expressed in dollars per 1,000 kilowatt-hours by retail rate class and voltage level for calendar year 2011, as contained in Schedule C-1 (GRF-1PA-1), Page 2 of 2.

1 **Scenario 1 - 2011 ECCR Billing Factors (\$/1,000 kWh)**

2

	<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>
<b><u>Retail Rate Schedule</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>
4 Residential (Cents/kWh)	.289	N/A	N/A
5 General Service Non-Demand (Cents/kWh)	.242	.240	.237
6 General Service 100% Load Factor	.206	N/A	N/A
7 (Cents/kWh)			
8 General Service Demand (\$/kW)	.86	.85	.84
9 Curtailable (\$/kW)	.90	.89	.88
10 Interruptible (\$/kW)	.78	.77	.76
11 Standby Monthly (\$/kW)	.085	.084	.083
12 Standby Daily (\$/kW)	.040	.040	.039
13 Lighting (Cents/kWh)	.141	N/A	N/A

14

15 **II. Scenario 2**

16

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

18 A. Yes, Exhibit No. \_\_\_\_\_ (GRF-1PA-2) consists of Schedules (C-1 through C-5),  
19 which support Progress Energy's ECCR calculations for the 2010 actual/estimated  
20 period and the 2011 projection period.

21

22 **Q. For what proposed new and modified programs does Progress Energy seek  
23 recovery?**

24 A. On March 30, 2010 Progress Energy filed a DSM Plan pursuant to Commission  
25 Order No. PSC-09-0855-FOF-EC issued December 30, 2009, which includes a

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Demand-Side Renewable Portfolio, designed to emphasize the benefits of solar photovoltaic technology and encourage the development of a renewable program. On September 14, 2010, the Commission voted to approve PEF's proposed renewable pilot programs within its annual expenditure cap of \$6,467,592 as specified by Commission Order No PSC-09-0855-FOF-EG. Progress Energy is seeking to recover those costs allowed pursuant to Rule 25-17.015, F.A.C., for their portfolio of currently approved programs, as well as the amounts included in its March 30, 2010 DSM Plan for the solar pilot programs, as well as for Conservation Program Administration (those common administration expenses not specifically linked to an individual program). Progress Energy intends to begin the implementation of its solar programs as soon as feasibly possible in order to encourage customer participation and provide support to those industries associated with this innovative technology. To that end, Progress Energy estimates that it will spend approximately \$130,000 in November and December of 2010 for its solar programs.

- Home Energy Check
- Home Energy Improvement
- Residential New Construction (Home Advantage)
- Neighborhood Energy Saver
- Low-Income Weatherization Assistance
- Energy Management (Residential and Commercial)
- Business Energy Check
- Better Business
- Commercial/Industrial New Construction

- 1 • Innovation Incentive
- 2 • Standby Generation
- 3 • Interruptible Service
- 4 • Curtailable Service
- 5 • Solar Water Heating for Low-income Residential Customers
- 6 • Solar Water Heating with Energy Management
- 7 • Residential Solar Photovoltaic
- 8 • Commercial Solar Photovoltaic
- 9 • Photovoltaics for Schools
- 10 • Research and Demonstration
- 11 • Technology Development
- 12 • Qualifying Facilities

13

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

15 A. My exhibit consists of Schedules C-1 through C-5 (GRF-1PA-2). Schedule C-1  
16 (GRF-1PA-2) provides a summary of cost recovery clause calculations and  
17 information by retail rate schedule. Schedule C-2 (GRF-1PA-2) provides annual  
18 and monthly conservation program cost estimates for the 2011 projection period for  
19 each conservation program, as well as for common administration expenses.  
20 Additionally, Schedule C-2 (GRF-1PA-2) presents program costs by specific  
21 category (i.e. payroll, materials, incentives, etc.) and includes a schedule of  
22 estimated capital investments, depreciation and return for the projection period.

23 Schedule C-3 (GRF-1PA-2) contains a detailed breakdown of conservation  
24 program costs by specific category and by month for the actual/estimated period of  
25 January through July 2010 (actual) and August through December 2010 (estimated).

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In addition, Schedule C-3 (GRF-1PA-2) presents a schedule of capital investment, depreciation and return, an energy conservation adjustment calculation of true-up, and a calculation of interest provision for the 2010 actual/estimated period.

Schedule C-4 (GRF-1PA-2) projects ECCR revenues during the 2011 projection period. Schedule C-5 (GRF-1PA-2) presents a brief description of each program, as well as a summary of progress and projected expenditures for each program for which Progress Energy seeks cost recovery through the ECCR clause.

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

A. Yes. Schedule C-2 (GRF-1PA-2), Page 1 of 7, Line 22, shows total net program costs of \$98,993,268 for the 2011 projection period. The following table presents Progress Energy's proposed ECCR billing factors, expressed in dollars per 1,000 kilowatt-hours by retail rate class and voltage level for calendar year 2011, as contained in Schedule C-1 (GRF-1PA-2), Page 2 of 2.

1 **Scenario 2 - 2011 ECCR Billing Factors (\$/1,000 kWh)**

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	<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>
<b><u>Retail Rate Schedule</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>	<b><u>Voltage</u></b>
4 Residential (Cents/kWh)	.299	N/A	N/A
5 General Service Non-Demand (Cents/kWh)	.252	.249	.247
6 General Service 100% Load Factor	.216	N/A	N/A
7 (Cents/kWh)			
8 General Service Demand (\$/kW)	.90	.89	.88
9 Curtailable (\$/kW)	.94	.93	.92
10 Interruptible (\$/kW)	.82	.81	.80
11 Standby Monthly (\$/kW)	.089	.088	.087
12 Standby Daily (\$/kW)	.042	.042	.041
13 Lighting (Cents/kWh)	.151	N/A	N/A

14

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

16 **A. Yes.**



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**Exhibit No. \_\_\_\_ (GRF-1PA-1)**

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**Docket No. 100002-EG**

**To the Direct Testimony of  
GARY R. FREEMAN  
(filed September 17, 2010)**

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**PROGRESS ENERGY FLORIDA**  
 Energy Conservation Cost Recovery Clause (ECCR)  
 Calculation of the Energy & Demand Allocation % by Rate Class  
 JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 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) (2)/(8760hrs*(1))	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8760hrs)	(8) Annual Average Demand Allocator (%)	(9) 12 CP Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
<b>Residential</b>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.494	18,156,533	4,195.68	0.9342388	19,434,573	4,491.01	2,218.56	50.132%	62.283%	61.349%
<b>General Service Non-Demand</b>										
GS-1, GST-1										
Secondary	0.695	1,166,288	191.57	0.9342388	1,248,383	205.05	142.51	3.220%	2.844%	2.873%
Primary	0.695	4,416	0.73	0.9687000	4,559	0.75	0.52	0.012%	0.010%	0.010%
Transmission	0.695	3,699	0.61	0.9787000	3,780	0.62	0.43	0.010%	0.009%	0.009%
								3.242%	2.863%	2.892%
<b>General Service</b>										
GS-2 Secondary	1.000	97,312	11.11	0.9342388	104,162	11.89	11.89	0.269%	0.165%	0.173%
<b>General Service Demand</b>										
GSD-1, GSDT-1										
Secondary	0.785	12,131,043	1,764.10	0.9342388	12,984,948	1,888.28	1,482.30	33.495%	26.187%	26.750%
Primary	0.785	2,266,966	329.66	0.9687000	2,340,215	340.32	267.15	6.037%	4.720%	4.821%
Transmission	0.785	0	0.00	0.9787000	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.546	8	0.00	0.9687000	8	0.00	0.00	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	1.546	11,483	0.85	0.9787000	11,733	0.87	1.34	0.030%	0.012%	0.013%
Transm Del/ Primary Mtr	1.546	4,471	0.33	0.9687000	4,615	0.34	0.53	0.012%	0.005%	0.005%
								39.574%	30.924%	31.589%
<b>Curtailable</b>										
CS-1, CST-1, CS-2, CST-2, SS-3										
Secondary	0.935	0	0.00	0.9342388	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	0.935	171,491	20.94	0.9687000	177,032	21.61	20.21	0.457%	0.300%	0.312%
SS-3 Primary	0.451	3,536	0.90	0.9687000	3,650	0.92	0.42	0.009%	0.013%	0.013%
								0.466%	0.313%	0.324%
<b>Interruptible</b>										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.983	100,117	11.63	0.9342388	107,164	12.44	12.23	0.276%	0.173%	0.181%
Sec Del/Primary Mtr	0.983	4,623	0.54	0.9687000	4,772	0.55	0.54	0.012%	0.008%	0.008%
Primary Del / Primary Mtr	0.983	1,166,627	135.48	0.9687000	1,204,322	139.86	137.48	3.107%	1.940%	2.029%
Primary Del / Transm Mtr	0.983	16,410	1.91	0.9787000	16,767	1.95	1.91	0.043%	0.027%	0.028%
Transm Del/ Transm Mtr	0.983	289,741	33.65	0.9787000	296,047	34.38	33.80	0.764%	0.477%	0.499%
Transm Del/ Primary Mtr	0.983	264,215	30.68	0.9687000	272,752	31.67	31.14	0.704%	0.439%	0.460%
SS-2 Primary	0.929	75,224	9.24	0.9687000	77,655	9.54	8.86	0.200%	0.132%	0.138%
Transm Del/ Transm Mtr	0.929	64,481	7.92	0.9787000	65,884	8.10	7.52	0.170%	0.112%	0.117%
Transm Del/ Primary Mtr	0.929	14,531	1.79	0.9687000	15,001	1.84	1.71	0.039%	0.026%	0.027%
								5.315%	3.333%	3.488%
<b>Lighting</b>										
LS-1 (Secondary)	5.151	363,266	8.05	0.9342388	388,836	8.62	44.39	1.003%	0.120%	0.187%
		36,376,481	6,757.34		38,766,859	7,210.62	4,425.44	100.000%	100.000%	100.000%

Notes: (1) Average 12CP load factor based on load research study filed July 31, 2009 (FPSC Rule 25-6.0437 (7))  
 (2) Projected kWh sales for the period January 2011 to December 2011  
 (3) Calculated: Column 2 / (8,760 hours x Column 1)  
 (4) Based on system average line loss analysis for 2009  
 (5) Calculated: Column 2 / Column 4

(6) Calculated: 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

**PROGRESS ENERGY FLORIDA**  
 Energy Conservation Cost Recovery Clause (ECCR)  
 Calculation of Energy Conservation Cost Recovery Clause Rate Factors by Rate Class  
**JANUARY 2011 - DECEMBER 2011**

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 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) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (kW)	(9) Energy Conservation Cost Recovery (\$/kW-month)	(10) Energy Conservation Cost Recovery (cents/kWh)
<b>Residential</b>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	50.132%	61.349%	\$ 20,782,059	\$31,766,808	\$52,548,867	18,156,533				0.289
<b>General Service Non-Demand</b>										
GS-1, GST-1										
Secondary						1,166,288				0.242
Primary						4,372				0.240
Transmission						3,625				0.237
<b>TOTAL GS</b>	<b>3.242%</b>	<b>2.892%</b>	<b>\$ 1,343,855</b>	<b>\$1,497,434</b>	<b>\$2,841,289</b>	<b>1,174,285</b>				
<b>General Service</b>										
GS-2 Secondary	0.269%	0.173%	\$ 111,384	\$89,523	\$200,906	97,312				0.206
<b>General Service Demand</b>										
GSD-1, GSDT-1, SS-1*										
Secondary						12,131,043			0.86	
Primary						2,248,731			0.85	
Transmission						11,253			0.84	
<b>TOTAL GSD</b>	<b>39.574%</b>	<b>31.589%</b>	<b>\$ 16,405,216</b>	<b>\$16,357,194</b>	<b>\$32,762,410</b>	<b>14,391,027</b>	<b>51.82%</b>	<b>38,040,254</b>		
<b>Curtable</b>										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.90	
Primary						173,277			0.89	
Transmission						-			0.88	
<b>TOTAL CS</b>	<b>0.466%</b>	<b>0.324%</b>	<b>\$ 193,210</b>	<b>\$167,964</b>	<b>\$361,174</b>	<b>173,277</b>	<b>59.38%</b>	<b>399,711</b>		
<b>Interruptible</b>										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						100,117			0.78	
Primary						1,509,968			0.77	
Transmission						363,219			0.76	
<b>TOTAL IS</b>	<b>5.315%</b>	<b>3.486%</b>	<b>\$ 2,203,219</b>	<b>\$1,804,854</b>	<b>\$4,008,072</b>	<b>1,973,304</b>	<b>52.86%</b>	<b>5,113,835</b>		
<b>Lighting</b>										
LS-1 Secondary	1.003%	0.187%	\$ 415,796	\$97,074	\$512,870	363,266				0.141
	<b>100.000%</b>	<b>100.000%</b>	<b>\$41,454,739</b>	<b>\$51,780,850</b>	<b>\$93,235,589</b>	<b>36,329,004</b>				<b>0.257</b>

Notes:

- |  |  |
|--|--|
| (1) From Schedule C-1 1P, Column 8                       | (6) kWh sales at effective secondary voltage |
| (2) From Schedule C-1 1P, Column 10                      | (7) Class Billing kW Load Factor             |
| (3) Column 1 x Total Energy Dollars, C-2 Page 1, line 28 | (8) Column 6 x 1000 / 8760 / Column 7 x 12   |
| (4) Column 2 x Total Demand Dollars, C-2 Page 1, line 30 | (9) Column 5 / Column 8                      |
| (5) Column 3 + Column 4                                  | (10) Column 5 x 100 / Column 6 x 1,000       |

\*Calculation of Standby Service kW Charges:

	ECCR Cost	Effective kW	\$/kW	
Total GSD, CS, IS	\$37,131,656	43,553,800	0.85	
<b>SS-1, 2, 3 - \$/KW-mo</b>		Secondary	Primary	Trans
Monthly - \$0.85/kW * 10%	0.085	0.084	0.083	
Daily - \$0.85/kW / 21	0.040	0.040	0.039	

**PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
JANUARY 2011 - DECEMBER 2011**

**DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-2  
PAGE 1 OF 7**

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	12 MONTH TOTAL
1	BETTER BUSINESS (20015937) (E)	\$ 2,666,365
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	2,532,296
3	HOME ENERGY IMPROVEMENT (20015934) (E)	14,150,624
4	C/I NEW CONSTRUCTION (20015938) (E)	987,545
5	HOME ENERGY CHECK (20015932) (E)	9,302,419
6	LOW INCOME (20021329) (E)	308,209
7	RENEWABLE ENERGY SAVER (20060744)(E)	1,201,962
8	NEIGHBORHOOD ENERGY SAVER (20060745)(E)	1,249,927
9	BUSINESS ENERGY CHECK (20015936) (E)	3,348,136
10	CONSERVATION PROGRAM ADMIN (20015935) (E)	5,068,207
11	CONSERVATION PROGRAM ADMIN (20015935) (D)	560,577
12	QUALIFYING FACILITY (20025062) (E)	717,454
13	INNOVATION INCENTIVE (20015940) (E)	43,706
14	TECHNOLOGY DEVELOPMENT (20015939) (E)	826,215
15	STANDBY GENERATION (20021332) (D)	2,861,001
16	INTERRUPTIBLE SERVICE (20015941) (D)	19,755,142
17	CURTAILABLE SERVICE (20015942) (D)	843,275
18	RES ENERGY MANGMNT-ADMIN (20015943) (D)	23,392,522
19	LOAD MANAGEMENT SWITCHES (9080120) (D)	5,068,547
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	674,432
21		
22	NET PROGRAM COSTS	<u>\$ 95,558,561</u>

LINE NO.	PROGRAM TITLE	12 Months Total	Prior Period True-Up Under(Over) Recovery	Total Costs with True - up	Revenue Expansion Factor	Total Costs To Recovery
24	<u>SUMMARY OF DEMAND &amp; ENERGY</u>					
25						
26						
27						
28	ENERGY	\$ 42,403,065	\$ (965,274)	\$ 41,437,791	1.000409	\$ 41,454,739
29						
30	DEMAND	53,155,496	(1,395,816)	51,759,680	1.000409	51,780,850
31						
32	TOTAL	<u>\$ 95,558,561</u>	<u>\$ (2,361,090)</u>	<u>\$ 93,197,471</u>		<u>\$ 93,235,589</u>

PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-2  
PAGE 2 OF 7

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED												
		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	TOTAL
1	BETTER BUSINESS	\$204,966	\$242,656	\$215,203	\$226,114	\$218,385	\$233,242	\$235,521	\$219,144	\$231,621	\$223,560	\$212,655	\$203,300	\$2,666,365
2	RESIDENTIAL NEW CONSTRUCTION	243,350	147,340	175,441	238,739	234,616	344,307	201,071	181,417	178,745	279,476	146,159	161,636	2,532,296
3	HOME ENERGY IMPROVEMENT	1,732,659	1,163,176	1,204,256	1,176,914	1,164,548	1,086,838	1,032,587	1,113,943	1,157,090	1,115,413	1,128,643	1,074,558	14,150,624
4	C/I NEW CONSTRUCTION	82,984	71,079	68,710	85,314	71,079	70,269	85,753	82,835	106,809	84,722	84,992	93,002	987,545
5	HOME ENERGY CHECK	877,099	864,378	938,446	856,139	879,188	618,476	519,754	755,424	837,553	781,055	764,288	610,618	9,302,419
6	LOW INCOME	30,249	23,749	29,999	30,524	22,849	22,499	20,299	20,249	33,499	28,299	24,949	21,049	308,209
7	RENEWABLE ENERGY SAVER	108,974	99,834	100,562	101,280	97,049	101,577	97,049	99,749	100,061	99,499	97,164	99,162	1,201,962
8	NEIGHBORHOOD ENERGY SAVER	52,463	71,851	138,029	132,009	131,089	134,859	79,760	132,534	134,259	129,627	63,599	49,851	1,249,927
9	BUSINESS ENERGY CHECK	247,374	257,706	255,520	302,175	250,136	273,116	246,754	244,671	257,422	502,599	256,810	253,854	3,348,136
10	CONSERVATION PROGRAM ADMIN (E)	341,921	383,427	516,364	390,369	362,675	638,618	366,236	312,339	498,255	382,359	436,871	438,773	5,068,207
11	CONSERVATION PROGRAM ADMIN (D)	37,769	42,383	57,157	43,156	40,082	70,744	40,480	34,493	55,153	42,276	48,334	48,548	560,577
12	QUALIFYING FACILITY	50,401	50,401	51,035	78,905	50,401	102,035	51,201	50,901	79,538	50,401	50,401	51,835	717,454
13	INNOVATION INCENTIVE	1,142	1,142	3,017	1,142	12,392	3,017	1,142	1,142	3,017	1,142	12,392	3,017	43,706
14	TECHNOLOGY DEVELOPMENT	96,784	50,729	53,396	116,705	46,717	60,387	96,765	47,208	66,804	100,155	45,197	45,367	826,215
15	STANDBY GENERATION	227,520	228,791	233,622	235,450	236,712	238,962	240,512	241,765	244,008	244,263	244,223	245,170	2,861,001
16	INTERRUPTIBLE LOAD MANAGEMENT	1,611,785	1,606,740	1,585,724	1,692,181	1,718,721	1,570,610	1,664,463	1,619,717	1,597,308	1,616,322	1,854,884	1,616,684	19,755,142
17	CURTAILABLE LOAD MANAGEMENT	63,331	75,194	71,357	66,328	71,160	70,927	79,069	75,873	67,097	61,400	78,676	62,864	843,275
18	RESIDENTIAL LOAD MANAGEMENT	2,665,267	2,540,807	1,819,612	1,503,106	1,695,986	1,873,518	1,877,789	1,839,579	1,879,114	1,685,030	1,949,894	2,062,818	23,392,522
19	LOAD MANAGEMENT SWITCHES	404,139	407,903	412,108	416,320	419,857	423,271	424,626	425,847	429,679	432,669	434,947	437,181	5,068,547
20	COMMERCIAL LOAD MANAGEMENT	53,201	55,645	52,974	54,483	57,300	54,180	58,061	60,483	59,463	57,160	60,477	51,007	674,432
21														
22	NET PROGRAM COSTS	\$ 9,133,377	\$ 8,384,931	\$ 7,982,530	\$ 7,747,353	\$ 7,780,942	\$ 7,991,450	\$ 7,418,893	\$ 7,559,314	\$ 8,016,495	\$ 7,917,428	\$ 7,995,556	\$ 7,630,293	\$ 95,558,561
23														
24														
25	<u>SUMMARY OF DEMAND &amp; ENERGY</u>													
26														
27	ENERGY	\$4,070,365	\$3,427,467	\$3,749,976	\$3,736,329	\$3,541,123	\$3,689,237	\$3,033,892	\$3,261,556	\$3,684,672	\$3,778,307	\$3,324,120	\$3,106,021	\$42,403,065
28														
29	DEMAND	5,063,012	4,957,464	4,232,553	4,011,024	4,239,819	4,302,213	4,385,001	4,297,758	4,331,822	4,139,121	4,671,436	4,524,273	53,155,496
30														
31	TOTAL	\$9,133,377	\$8,384,931	\$7,982,530	\$7,747,353	\$7,780,942	\$7,991,450	\$7,418,893	\$7,559,314	\$8,016,495	\$7,917,428	\$7,995,556	\$7,630,293	\$95,558,561

**PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
JANUARY 2011 - DECEMBER 2011**

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-2  
PAGE 3 OF 7

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	\$6,706	\$442,321	\$15,581	\$21,738	\$166,788	\$1,980,000	\$0	\$33,231	\$0	\$2,666,365
2	RESIDENTIAL NEW CONSTRUCTION	0	1,086,648	3,800	10,000	160,214	1,101,588	0	170,045	0	2,532,296
3	HOME ENERGY IMPROVEMENT	20,476	1,814,144	82,742	372,796	2,520,328	9,072,640	0	267,498	0	14,150,624
4	C/ NEW CONSTRUCTION	0	215,838	15,581	21,738	89,847	610,000	0	34,541	0	987,545
5	HOME ENERGY CHECK	592	4,032,123	503,493	313,853	3,827,586	0	0	624,772	0	9,302,419
6	LOW INCOME	0	137,060	0	1,000	32,136	100,000	0	38,013	0	308,209
7	RENEWABLE ENERGY SAVER	0	172,461	335	17,000	216,588	765,000	0	30,579	0	1,201,962
8	NEIGHBORHOOD ENERGY SAVER	0	177,290	3,457	29,100	25,860	966,370	0	47,850	0	1,249,927
9	BUSINESS ENERGY CHECK	10,746	1,452,682	77,742	1,155,118	213,345	0	0	438,502	0	3,348,136
10	CONSERVATION PROGRAM ADMIN (E)	23,036	2,541,500	35,302	725,023	535,050	0	0	1,208,296	0	5,068,207
11	CONSERVATION PROGRAM ADMIN (D)	0	282,390	3,923	80,555	59,455	0	0	134,254	0	560,577
12	QUALIFYING FACILITY	0	631,321	4,005	50,000	0	0	0	32,128	0	717,454
13	INNOVATION INCENTIVE	0	13,706	0	6,500	0	22,500	0	1,000	0	43,706
14	TECHNOLOGY DEVELOPMENT	5,865	431,114	2,111	129,400	0	0	0	257,725	0	826,215
15	STANDBY GENERATION	57,092	181,125	1,719	12,535	0	2,575,000	0	33,530	0	2,861,001
16	INTERRUPTIBLE LOAD MANAGEMENT	51,166	13,430	0	0	0	19,650,000	0	40,546	0	19,755,142
17	CURTAILABLE LOAD MANAGEMENT	0	0	0	0	0	840,000	0	3,275	0	843,275
18	RESIDENTIAL LOAD MANAGEMENT	336,049	1,719,006	7,146	1,789,591	927,624	17,600,425	0	1,012,681	0	23,392,522
19	LOAD MANAGEMENT SWITCHES	5,068,547	0	0	0	0	0	0	0	0	5,068,547
20	COMMERCIAL LOAD MANAGEMENT	0	0	0	32,188	0	640,000	0	2,244	0	674,432
21											
22											
23	NET PROGRAM COSTS	\$ 5,580,275	\$ 15,344,159	\$ 756,938	\$ 4,768,135	\$ 8,774,821	\$ 55,923,524	\$ -	\$ 4,410,709	\$ -	\$ 95,558,561
24											
25											
26	<u>SUMMARY OF DEMAND &amp; ENERGY</u>										
27											
28	ENERGY	\$67,421	\$13,148,207	\$744,150	\$2,853,266	\$7,787,743	\$14,618,099	\$0	\$3,184,179	\$0	\$42,403,065
29											
30	DEMAND	5,512,854	2,195,952	12,788	1,914,869	987,078	41,305,425	0	1,226,529	0	53,155,496
31											
32	TOTAL	\$5,580,275	\$15,344,159	\$756,938	\$4,768,135	\$8,774,821	\$55,923,524	\$0	\$4,410,709	\$0	\$95,558,561

PROGRESS ENERGY FLORIDA  
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-2  
PAGE 4 OF 7

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	
1	BETTER BUSINESS (20015937) (E)														
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		24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
5															
6	DEPRECIATION EXPENSE		401	401	401	401	401	401	401	401	401	401	401	401	4,812
7															
8	CUMULATIVE INVESTMENT	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
9	LESS: ACC. DEPRECIATION	4,411	4,812	5,213	5,614	6,015	6,416	6,817	7,218	7,619	8,020	8,421	8,822	9,223	9,223
10	NET INVESTMENT	19,648	19,247	18,846	18,445	18,044	17,643	17,242	16,841	16,440	16,039	15,638	15,237	14,836	14,836
11	AVERAGE INVESTMENT		19,447	19,046	18,645	18,244	17,843	17,442	17,041	16,640	16,239	15,838	15,437	15,036	
12	RETURN ON AVERAGE INVESTMENT		128	125	123	120	117	115	112	109	107	104	101	99	1,360
13															
14	RETURN REQUIREMENTS		178	174	171	167	163	160	156	152	149	145	141	138	1,894
15															
16	PROGRAM TOTAL		\$ 579	\$ 575	\$ 572	\$ 568	\$ 564	\$ 561	\$ 557	\$ 553	\$ 550	\$ 546	\$ 542	\$ 539	\$6,706
17															
18	HOME ENERGY IMPROVEMENT (20015934) (E)														
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		78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
22															
23	DEPRECIATION EXPENSE		1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	15,780
24															
25	CUMULATIVE INVESTMENT	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
26	LESS: ACC. DEPRECIATION	28,224	29,539	30,854	32,169	33,484	34,799	36,114	37,429	38,744	40,059	41,374	42,689	44,004	44,004
27	NET INVESTMENT	50,650	49,335	48,020	46,705	45,390	44,075	42,760	41,445	40,130	38,815	37,500	36,185	34,870	34,870
28	AVERAGE INVESTMENT		49,992	48,677	47,362	46,047	44,732	43,417	42,102	40,787	39,472	38,157	36,842	35,527	
29	RETURN ON AVERAGE INVESTMENT		328	320	312	302	294	285	277	267	259	251	242	233	3,370
30															
31	RETURN REQUIREMENTS		457	446	434	421	410	397	386	372	361	350	337	325	4,696
32															
33	PROGRAM TOTAL		\$ 1,772	\$ 1,761	\$ 1,749	\$ 1,736	\$ 1,725	\$ 1,712	\$ 1,701	\$ 1,687	\$ 1,676	\$ 1,665	\$ 1,652	\$ 1,640	\$20,476
34															
35	HOME ENERGY CHECK (20015932) (E)														
36	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	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	2,560
39															
40	DEPRECIATION EXPENSE		43	43	43	43	43	43	43	43	43	43	43	43	516
41															
42	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
43	LESS: ACC. DEPRECIATION	1,604	1,647	1,690	1,733	1,776	1,819	1,862	1,905	1,948	1,991	2,034	2,077	2,120	2,120
44	NET INVESTMENT	956	913	870	827	784	741	698	655	612	569	526	483	440	440
45	AVERAGE INVESTMENT		935	892	849	806	763	720	677	634	591	548	505	462	
46	RETURN ON AVERAGE INVESTMENT		6	6	5	5	5	5	5	5	3	3	3	3	54
47															
48	RETURN REQUIREMENTS		9	9	7	7	7	7	7	7	4	4	4	4	76
49															
50	PROGRAM TOTAL		\$ 52	\$ 52	\$ 50	\$ 50	\$ 50	\$ 50	\$ 50	\$ 50	\$ 47	\$ 47	\$ 47	\$ 47	\$592

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.  
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

**PROGRESS ENERGY FLORIDA**  
**SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN**  
**JANUARY 2011 - DECEMBER 2011**

DOCKET NO. 100002-EG  
**PROGRESS ENERGY FLORIDA**  
**GARY R. FREEMAN**  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 SCHEDULE C-2  
 PAGE 5 OF 7

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
1	<b>BUSINESS ENERGY CHECK (20015936) (E)</b>															
2	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 101,700	\$ 0	\$ 0	\$101,700
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	73,850	124,700		
5																
6	DEPRECIATION EXPENSE		383	383	383	383	383	383	383	383	383	383	1,231	2,078	7,139	
7																
8	CUMULATIVE INVESTMENT	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	124,700	124,700	124,700	124,700
9	LESS: ACC. DEPRECIATION	383	766	1,149	1,532	1,915	2,298	2,681	3,064	3,447	3,830	4,213	5,444	7,522	7,522	7,522
10	NET INVESTMENT	22,617	22,234	21,851	21,468	21,085	20,702	20,319	19,936	19,553	19,170	18,787	119,256	117,178	117,178	117,178
11	AVERAGE INVESTMENT		22,426	22,043	21,660	21,277	20,894	20,511	20,128	19,745	19,362	18,979	69,022	118,217	118,217	118,217
12	RETURN ON AVERAGE INVESTMENT		147	145	142	139	137	134	133	130	128	125	453	776	776	2,589
13																
14	RETURN REQUIREMENTS		205	202	198	194	191	187	185	181	178	174	631	1,081	3,607	3,607
15																
16	PROGRAM TOTAL		\$ 588	\$ 585	\$ 581	\$ 577	\$ 574	\$ 570	\$ 568	\$ 564	\$ 561	\$ 557	\$ 1,862	\$ 3,159	\$ 10,746	\$10,746
17																
18	<b>CONSERVATION PROGRAM ADMIN (20015935) (E)</b>															
19	INVESTMENT		\$ 0	\$ 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	0
21	DEPRECIATION BASE		88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659
22																
23	DEPRECIATION EXPENSE		1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	17,736
24																
25	CUMULATIVE INVESTMENT	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659
26	LESS: ACC. DEPRECIATION	31,497	32,975	34,453	35,931	37,409	38,887	40,365	41,843	43,321	44,799	46,277	47,755	49,233	49,233	49,233
27	NET INVESTMENT	57,162	55,684	54,206	52,728	51,250	49,772	48,294	46,816	45,338	43,860	42,382	40,904	39,426	39,426	39,426
28	AVERAGE INVESTMENT		56,423	54,945	53,467	51,989	50,511	49,033	47,555	46,077	44,599	43,121	41,643	40,165	40,165	40,165
29	RETURN ON AVERAGE INVESTMENT		371	361	352	342	331	322	312	302	293	283	273	264	264	3,806
30																
31	RETURN REQUIREMENTS		517	503	490	476	461	448	434	421	408	394	380	368	5,300	5,300
32																
33	PROGRAM TOTAL		\$ 1,995	\$ 1,981	\$ 1,968	\$ 1,954	\$ 1,939	\$ 1,926	\$ 1,912	\$ 1,899	\$ 1,886	\$ 1,872	\$ 1,858	\$ 1,846	\$23,036	\$23,036
34																
35	<b>TECH DEVELOPMENT (20015939) (E)</b>															
36	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827
39																
40	DEPRECIATION EXPENSE		364	364	364	364	364	364	364	364	364	364	364	364	364	4,368
41																
42	CUMULATIVE INVESTMENT	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827
43	LESS: ACC. DEPRECIATION	6,039	6,403	6,767	7,131	7,495	7,859	8,223	8,587	8,951	9,315	9,679	10,043	10,407	10,407	10,407
44	NET INVESTMENT	15,788	15,424	15,060	14,696	14,332	13,968	13,604	13,240	12,876	12,512	12,148	11,784	11,420	11,420	11,420
45	AVERAGE INVESTMENT		15,606	15,242	14,878	14,514	14,150	13,786	13,422	13,058	12,694	12,330	11,966	11,602	11,602	11,602
46	RETURN ON AVERAGE INVESTMENT		102	101	98	96	93	91	88	86	83	81	78	77	77	1,074
47																
48	RETURN REQUIREMENTS		142	141	136	134	129	127	123	120	116	113	109	107	1,497	1,497
49																
50	PROGRAM TOTAL		\$ 506	\$ 505	\$ 500	\$ 498	\$ 493	\$ 491	\$ 487	\$ 484	\$ 480	\$ 477	\$ 473	\$ 471	\$5,865	\$5,865

NOTES:  
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 - RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%



PROGRESS ENERGY FLORIDA  
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-2  
PAGE 6 OF 7

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
1	STANDBY GENERATION (20021332) (D)															
2	INVESTMENT		\$ 0	\$ 0	\$ 49,726	\$ 0	\$ 0	\$ 49,726	\$ 0	\$ 0	\$ 49,726	\$ 0	\$ 0	\$ 49,726	\$ 0	\$ 198,903
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		117,723	117,723	142,586	167,449	167,449	192,312	217,175	217,175	242,037	266,900	266,900	291,763		
5																
6	DEPRECIATION EXPENSE		1,962	1,962	2,376	2,791	2,791	3,205	3,620	3,620	4,034	4,448	4,448	4,863		40,120
7																
8	CUMULATIVE INVESTMENT	117,723	117,723	117,723	167,449	167,449	167,449	217,175	217,175	217,175	266,900	266,900	266,900	316,626		316,626
9	LESS: ACC. DEPRECIATION	29,173	31,135	33,097	35,473	38,264	41,055	44,260	47,880	51,500	55,534	59,982	64,430	69,293		69,293
10	NET INVESTMENT	88,550	86,588	84,626	131,976	129,185	126,394	172,915	169,295	165,675	211,366	206,918	202,470	247,333		247,333
11	AVERAGE INVESTMENT		87,569	85,607	108,301	130,580	127,789	149,654	171,105	167,485	188,520	209,142	204,694	224,902		
12	RETURN ON AVERAGE INVESTMENT		575	563	712	857	839	983	1,124	1,100	1,238	1,374	1,345	1,477		12,187
13																
14	RETURN REQUIREMENTS		801	784	991	1,194	1,169	1,369	1,565	1,532	1,724	1,913	1,873	2,057		16,972
15																
16	PROGRAM TOTAL		\$ 2,763	\$ 2,746	\$ 3,367	\$ 3,985	\$ 3,960	\$ 4,574	\$ 5,185	\$ 5,152	\$ 5,758	\$ 6,361	\$ 6,321	\$ 6,920		\$57,092
17																
18	INTERRUPTIBLE SERVICE (20015941) (D)															
19	INVESTMENT		\$ 0	\$ 0	\$ 17,671	\$ 0	\$ 0	\$ 17,671	\$ 0	\$ 0	\$ 17,671	\$ 0	\$ 0	\$ 17,671		\$70,685
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE		151,596	151,596	160,431	169,267	169,267	178,103	186,938	186,938	195,774	204,609	204,609	213,445		
22																
23	DEPRECIATION EXPENSE		2,527	2,527	2,674	2,821	2,821	2,968	3,116	3,116	3,263	3,410	3,410	3,557		36,210
24																
25	CUMULATIVE INVESTMENT	151,596	151,596	151,596	169,267	169,267	169,267	186,938	186,938	186,938	204,609	204,609	204,609	222,280		222,280
26	LESS: ACC. DEPRECIATION	27,847	30,374	32,901	35,575	38,396	41,217	44,185	47,301	50,417	53,680	57,090	60,500	64,057		64,057
27	NET INVESTMENT	123,749	121,222	118,695	133,692	130,871	128,050	142,753	139,637	136,521	150,929	147,519	144,109	158,223		158,223
28	AVERAGE INVESTMENT		122,485	119,958	126,193	132,282	129,461	135,402	141,195	138,079	143,725	149,224	145,814	151,166		
29	RETURN ON AVERAGE INVESTMENT		804	788	829	869	851	889	927	907	944	980	956	993		10,739
30																
31	RETURN REQUIREMENTS		1,120	1,098	1,154	1,210	1,185	1,238	1,291	1,263	1,315	1,365	1,334	1,383		14,956
32																
33	PROGRAM TOTAL		\$ 3,647	\$ 3,625	\$ 3,828	\$ 4,031	\$ 4,006	\$ 4,206	\$ 4,407	\$ 4,379	\$ 4,578	\$ 4,775	\$ 4,744	\$ 4,940		\$51,166

NOTES:

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PROGRESS ENERGY FLORIDA  
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-2  
PAGE 7 OF 7

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
1	RESIDENTIAL ENERGY MANAGEMENT (20015943) (D)															
2	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	
5																
6	DEPRECIATION EXPENSE		21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	262,800
7																
8	CUMULATIVE INVESTMENT	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013
9	LESS: ACC. DEPRECIATION	515,278	537,178	559,078	580,978	602,878	624,778	646,678	668,578	690,478	712,378	734,278	756,178	778,078	778,078	778,078
10	NET INVESTMENT	798,735	776,835	754,935	733,035	711,135	689,235	667,335	645,435	623,535	601,635	579,735	557,835	535,935	535,935	535,935
11	AVERAGE INVESTMENT		787,785	765,885	743,985	722,085	700,185	678,285	656,385	634,485	612,585	590,685	568,785	546,885	546,885	
12	RETURN ON AVERAGE INVESTMENT		5.174	5.030	4.886	4.742	4.598	4.455	4.311	4.167	4.023	3.880	3.736	3.592	3.592	52.594
13																
14	RETURN REQUIREMENTS		7.206	7.005	6.805	6.604	6.404	6.205	6.004	5.804	5.603	5.404	5.203	5.002	5.002	73.249
15																
16	PROGRAM TOTAL		\$ 29,106	\$ 28,905	\$ 28,705	\$ 28,504	\$ 28,304	\$ 28,105	\$ 27,904	\$ 27,704	\$ 27,503	\$ 27,304	\$ 27,103	\$ 26,902	\$ 26,902	\$336,049
17																
18	LOAD MANAGEMENT SWITCHES (9080120) (D)															
19																
20	EXPENDITURES BOOKED DIRECTLY TO PLANT		\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,143	\$ 247,143	\$2,965,733
21	RETIREMENTS		89,558	52,114	124,699	36,850	100,579	52,316	345,576	63,869	33,824	161,598	113,151	168,798	168,798	1,342,931
22	INVESTMENTS BOOKED TO CWP		149,295	149,295	314,472	128,843	128,843	135,813	128,843	128,843	135,813	128,843	128,843	135,813	135,813	1,793,560
23	CLOSINGS TO PLANT															0
24	AMORTIZATION BASE		18,271,153	18,447,462	18,606,200	18,772,570	18,951,000	19,121,697	19,169,896	19,212,318	19,410,616	19,560,049	19,669,819	19,775,989	19,775,989	
25																
26	AMORTIZATION EXPENSE		304,520	307,458	310,104	312,877	315,851	318,696	319,499	320,206	323,511	326,001	327,831	329,600	329,600	3,816,154
27																
28	CUMULATIVE PLANT INVEST.	18,192,359	18,349,946	18,544,977	18,667,422	18,877,717	19,024,283	19,219,112	19,120,680	19,303,955	19,517,276	19,602,823	19,736,816	19,815,161	19,815,161	19,815,161
29	LESS: ACC. AMORT.	8,340,489	8,555,451	8,810,796	8,996,201	9,272,228	9,487,501	9,753,881	9,727,803	9,984,140	10,273,827	10,438,231	10,652,910	10,813,713	10,813,713	10,813,713
30	NET PLANT INVESTMENT	9,851,870	9,794,495	9,734,181	9,671,222	9,605,489	9,536,783	9,465,231	9,392,877	9,319,815	9,243,449	9,164,592	9,083,905	9,001,449	9,001,449	9,001,449
31	CUMULATIVE CWP INVEST.	993,629	1,142,924	1,292,219	1,606,691	1,735,534	1,864,378	2,000,190	2,129,034	2,257,877	2,393,690	2,522,533	2,651,377	2,787,189	2,787,189	2,787,189
32	NET CWP INVESTMENT		1,142,924	1,292,219	1,606,691	1,735,534	1,864,378	2,000,190	2,129,034	2,257,877	2,393,690	2,522,533	2,651,377	2,787,189	2,787,189	2,787,189
33	AVERAGE INVESTMENT		10,891,459	10,981,909	11,152,156	11,309,468	11,371,092	11,433,291	11,493,666	11,549,801	11,607,415	11,662,132	11,711,204	11,761,960	11,761,960	
34	RETURN ON AVG. INVEST.		71.530	72.123	73.242	74.275	74.680	75.088	75.485	75.854	76.232	76.591	76.913	77.247	77.247	899.260
35																
36	RETURN REQUIREMENTS		99,619	100,445	102,004	103,443	104,006	104,575	105,127	105,641	106,168	106,668	107,116	107,581	107,581	1,252,393
37																
38	PROGRAM TOTAL		\$ 404,139	\$ 407,903	\$ 412,108	\$ 416,320	\$ 419,857	\$ 423,271	\$ 424,626	\$ 425,847	\$ 429,679	\$ 432,669	\$ 434,947	\$ 437,181	\$ 437,181	\$5,068,547
39																
40	<b>SUMMARY OF DEMAND &amp; ENERGY:</b>															
41																
42	ENERGY		5,492	5,459	5,420	5,383	5,345	5,310	5,275	5,237	5,200	5,164	6,434	7,702	7,702	67,421
43	DEMAND		439,655	443,179	448,008	452,840	456,127	460,156	462,122	463,082	467,518	471,109	473,115	475,943	475,943	5,512,854
44	TOTAL DEPRECIATION AND RETURN		445,147	448,638	453,428	458,223	461,472	465,466	467,397	468,319	472,718	476,273	479,549	483,645	483,645	5,580,275

NOTES:

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PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
 JANUARY through JULY, 2010 ACTUAL  
 AUGUST through DECEMBER, 2010 ESTIMATED

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 SCHEDULE C - 3  
 PAGE 1 OF 9

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	OPERATING AND MAINTENANCE COSTS						PROGRAM REVENUES (CREDITS)	TOTAL
				VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	BETTER BUSINESS										
2	A. ACTUAL	\$3,772	\$67,622	\$0	\$800	\$0	\$43,392	\$1,002,964	\$3,500	\$0	\$1,122,050
3	B. ESTIMATED	2,949	212,967	0	35,760	33,639	29,515	867,558	22,745	0	1,205,133
4											
5	C. TOTAL	6,721	280,589	0	36,560	33,639	72,907	1,870,522	26,245	0	2,327,183
6											
7	RESIDENTIAL NEW CONSTRUCTION										
8	A. ACTUAL	\$0	\$374,833	\$0	\$41,439	\$2,885	\$46,667	\$672,255	\$34,132	\$0	\$1,172,211
9	B. ESTIMATED	0	486,242	0	34,702	3,931	41,405	216,341	40,322	0	822,944
10											
11	C. TOTAL	0	861,075	0	76,141	6,816	88,072	888,596	74,454	0	1,995,155
12											
13	HOME ENERGY IMPROVEMENT										
14	A. ACTUAL	\$12,856	\$776,549	\$0	\$103,303	\$7,068	\$631,954	\$3,549,825	\$58,112	\$0	\$5,139,667
15	B. ESTIMATED	9,043	834,808	0	167,023	10,907	751,400	3,248,830	45,215	0	5,067,226
16											
17	C. TOTAL	21,899	1,611,357	0	270,326	17,975	1,383,354	6,798,655	103,327	0	10,206,893
18											
19	C/I NEW CONSTRUCTION										
20	A. ACTUAL	\$0	\$33,746	\$0	\$0	\$0	\$23,467	\$243,964	\$659	\$0	\$301,835
21	B. ESTIMATED	0	179,281	0	19,560	33,358	15,961	269,270	20,885	0	538,315
22											
23	C. TOTAL	0	213,027	0	19,560	33,358	39,428	513,234	21,544	0	840,150
24											
25	HOME ENERGY CHECK										
26	A. ACTUAL	\$385	\$2,040,857	\$0	\$86,811	\$149,726	\$1,066,684	\$346	\$135,734	\$0	\$3,480,543
27	B. ESTIMATED	266	2,001,808	0	282,230	351,528	2,042,348	0	200,608	0	4,878,788
28											
29	C. TOTAL	651	4,042,665	0	369,041	501,254	3,109,032	346	336,342	0	8,359,331
30											
31	LOW INCOME										
32	A. ACTUAL	\$0	\$37,365	\$0	\$2,943	\$6,891	\$18,648	\$61,262	\$413	\$0	\$127,522
33	B. ESTIMATED	0	100,640	0	0	0	6,082	18,738	8,032	0	133,492
34											
35	C. TOTAL	0	138,005	0	2,943	6,891	24,730	80,000	8,445	0	261,014

PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
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 GARY R FREEMAN  
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LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	RENEWABLE ENERGY SAVER										
2	A. ACTUAL	\$0	\$88,302	\$0	\$0	\$1,090	\$19,665	\$485,413	\$3,283	\$0	\$597,753
3	B. ESTIMATED	0	76,479	0	0	1,090	44,069	324,477	5,014	0	451,128
4											
5	C. TOTAL	0	164,781	0	0	2,181	63,734	809,889	8,296	0	1,048,881
6											
7	NEIGHBORHOOD ENERGY SAVER										
8	A. ACTUAL	\$0	\$83,016	\$0	\$8,088	\$1,591	\$12,293	\$637,708	\$29,063	\$0	\$771,759
9	B. ESTIMATED	0	155,975	0	9,558	1,782	3,173	325,292	0	0	495,780
10											
11	C. TOTAL	0	238,990	0	17,647	3,373	15,466	963,000	29,063	0	1,267,539
12											
13	BUSINESS ENERGY CHECK										
14	A. ACTUAL	\$0	\$654,048	\$0	\$431,013	\$14,165	\$47,722	\$0	\$48,611	\$0	\$1,195,559
15	B. ESTIMATED	697	713,159	0	461,757	19,505	63,792	0	205,198	0	1,464,108
16											
17	C. TOTAL	697	1,367,206	0	892,770	33,670	111,514	0	253,809	0	2,659,666
18											
19	QUALIFYING FACILITY										
20	A. ACTUAL	\$0	\$341,514	\$0	\$0	\$300	\$0	\$0	\$3,287	\$0	\$345,101
21	B. ESTIMATED	0	292,348	0	50,000	3,768	0	0	28,473	0	374,589
22											
23	C. TOTAL	0	633,862	0	50,000	4,068	0	0	31,760	0	719,690
24											
25	INNOVATION INCENTIVE										
26	A. ACTUAL	\$0	\$9,991	\$0	\$1,024	\$0	\$0	\$0	\$88	\$0	\$11,103
27	B. ESTIMATED	0	38,684	0	2,239	0	0	20,000	85	0	61,008
28											
29	C. TOTAL	0	48,675	0	3,263	0	0	20,000	173	0	72,111
30											
31	TECHNOLOGY DEVELOPMENT										
32	A. ACTUAL	\$2,730	\$161,641	\$0	\$63,407	\$1,721	\$0	\$0	\$192,776	\$0	\$422,275
33	B. ESTIMATED	2,307	187,414	0	93,716	2,001	0	0	83,991	0	369,429
34											
35	C. TOTAL	5,037	349,055	0	157,123	3,722	0	0	276,767	0	791,703

PROGRESS ENERGY FLORIDA  
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 SCHEDULE C - 3  
 PAGE 3 OF 9

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	STANDBY GENERATION										
2	A. ACTUAL	\$20,467	\$108,953	\$0	\$6,773	\$708	\$0	\$1,169,319	\$11,786	\$0	\$1,318,006
3	B. ESTIMATED	14,085	93,265	0	3,362	593	0	980,681	9,328	0	1,101,314
4											
5	C. TOTAL	34,552	202,218	0	10,135	1,301	0	2,150,000	21,114	0	2,419,320
6											
7	INTERRUPT LOAD MANAGEMENT										
8	A. ACTUAL	\$12,972	\$39,527	\$0	\$2,731	\$316	\$0	\$10,609,123	\$3,311	\$0	\$10,667,980
9	B. ESTIMATED	13,565	23,351	0	0	0	0	8,390,877	7,342	0	8,435,134
10											
11	C. TOTAL	26,537	62,877	0	2,731	316	0	19,000,000	10,653	0	19,103,114
12											
13	CURTAIL LOAD MANAGEMENT										
14	A. ACTUAL	\$0	\$4,088	\$0	\$0	\$0	\$0	\$388,573	\$537	\$0	\$393,199
15	B. ESTIMATED	0	1,876	0	0	0	0	451,427	162	0	453,484
16											
17	C. TOTAL	0	5,964	0	0	0	0	840,000	698	0	846,662
18											
19	RESIDENTIAL LOAD MANAGEMENT										
20	A. ACTUAL	\$2,801,665	\$829,741	\$0	\$673,791	\$4,518	\$269,560	\$12,790,933	\$42,520	\$0	\$17,412,728
21	B. ESTIMATED	2,096,557	1,719,162	0	1,018,073	4,511	293,182	6,768,688	812,025	0	12,712,198
22											
23	C. TOTAL	4,898,222	2,548,904	0	1,691,864	9,029	562,742	19,559,621	854,545	0	30,124,926
24											
25	COMMERCIAL LOAD MANAGEMENT										
26	A. ACTUAL	\$0	\$35	\$0	\$0	\$0	\$0	\$376,382	\$0	\$0	\$376,417
27	B. ESTIMATED	0	35	0	0	0	0	273,618	0	0	273,652
28											
29	C. TOTAL	0	69	0	0	0	0	650,000	0	0	650,069
30											
31	CONSERVATION PROGRAM ADMIN										
32	A. ACTUAL	\$10,167	\$2,188,971	\$0	\$565,822	\$70,562	\$198,978	\$0	\$697,539	\$0	\$3,732,039
33	B. ESTIMATED	9,165	2,621,187	0	1,114,263	233,270	181,732	0	1,092,274	0	5,251,892
34											
35	C. TOTAL	19,332	4,810,159	0	1,680,085	303,832	380,710	0	1,789,813	0	8,983,931
36											
37											
38	TOTAL ALL PROGRAMS	\$5,013,648	\$17,579,479	\$0	\$5,280,189	\$961,425	\$5,851,689	\$54,143,863	\$3,847,047	\$0	\$92,677,341

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
 FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
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 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 SCHEDULE C-3  
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LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	BETTER BUSINESS (20015937) (E)													
2	INVESTMENTS	\$24,059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,059
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	12,029	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	
5	DEPRECIATION EXPENSE	0	401	401	401	401	401	401	401	401	401	401	401	4,411
6	CUMM. NET INVEST	0	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
7	LESS: ACC. NET DEPR	0	0	401	802	1,203	1,604	2,005	2,406	2,807	3,208	3,609	4,010	4,411
8	NET INVESTMENT	0	24,059	23,658	23,257	22,856	22,455	22,054	21,653	21,252	20,851	20,450	20,049	19,648
9	AVERAGE INVESTMENT		12,029	23,858	23,457	23,056	22,655	22,254	21,853	21,452	21,051	20,650	20,249	19,848
10	RETURN ON AVG INVEST		79	157	154	152	149	146	144	141	138	136	133	131
11	RETURN REQUIREMENTS		110	219	214	212	207	203	201	196	192	189	185	182
12	PROGRAM TOTAL		\$110	\$620	\$615	\$613	\$608	\$604	\$602	\$597	\$593	\$590	\$586	\$583
13	HOME ENERGY IMPROVEMENT (20015934) (E)													
14	INVESTMENTS		\$28,783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,783
15	RETIREMENTS		7,578	0	0	0	0	0	0	0	0	0	0	7,578
16	DEPRECIATION BASE		68,271	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	
17	DEPRECIATION EXPENSE		1,138	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	15,603
18	CUMM. NET INVEST	57,669	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
19	LESS: ACC. NET DEPR	20,200	13,759	15,074	16,389	17,704	19,019	20,334	21,649	22,964	24,279	25,594	26,909	28,224
20	NET INVESTMENT	37,470	65,115	63,800	62,485	61,170	59,855	58,540	57,225	55,910	54,595	53,280	51,965	50,650
21	AVERAGE INVESTMENT		51,292	64,457	63,142	61,827	60,512	59,197	57,882	56,567	55,252	53,937	52,622	51,307
22	RETURN ON AVG INVEST		337	424	414	406	398	389	380	371	363	355	345	337
23	RETURN REQUIREMENTS		470	590	577	566	554	542	529	517	506	494	481	470
24	PROGRAM TOTAL		\$1,608	\$1,905	\$1,892	\$1,881	\$1,869	\$1,857	\$1,844	\$1,832	\$1,821	\$1,809	\$1,796	\$1,785
25	HOME ENERGY CHECK (20015932) (E)													
26	INVESTMENTS		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0
28	DEPRECIATION BASE		2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	
29	DEPRECIATION EXPENSE		43	43	43	43	43	43	43	43	43	43	43	516
30	CUMM. NET INVEST	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
31	LESS: ACC. NET DEPR	1,088	1,131	1,174	1,217	1,260	1,303	1,346	1,389	1,432	1,475	1,518	1,561	1,604
32	NET INVESTMENT	1,472	1,429	1,386	1,343	1,300	1,257	1,214	1,171	1,128	1,085	1,042	999	956
33	AVERAGE INVESTMENT		1,451	1,408	1,365	1,322	1,279	1,236	1,193	1,150	1,107	1,064	1,021	978
34	RETURN ON AVG INVEST		10	9	9	8	8	8	8	8	8	7	7	6
35	RETURN REQUIREMENTS		14	13	13	11	11	11	11	11	11	10	10	9
36	PROGRAM TOTAL		\$57	\$56	\$56	\$54	\$54	\$54	\$54	\$54	\$54	\$53	\$53	\$52

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95  
 - 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 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 SCHEDULE C-3  
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LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL	
1	<b>BUSINESS ENERGY CHECK (20015936) (E)</b>														
2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,000	\$0	\$23,000	
3		0	0	0	0	0	0	0	0	0	0	0	0	0	
4		0	0	0	0	0	0	0	0	0	0	11,500	23,000	0	
5		<hr/>													
6	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	383	383	
7		<hr/>													
8	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	23,000	23,000	23,000	
9	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	383	383	
10	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	23,000	22,617	22,617	
11	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0	11,500	22,809	0	
12	RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0	75	150	225	
13		<hr/>													
14	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0	105	209	314	
15		<hr/>													
16	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$592	\$697	
17		<hr/>													
18	<b>TECHNOLOGY DEVELOPMENT (20015939) (E)</b>														
19	INVESTMENTS	\$0	\$11,311	\$1,630	\$0	\$305	\$0	\$0	\$0	\$0	\$0	\$0	\$2,356	\$15,603	
20	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	DEPRECIATION BASE	6,224	11,879	18,350	19,166	19,318	19,471	19,471	19,471	19,471	19,471	19,471	20,649	0	
22		<hr/>													
23	DEPRECIATION EXPENSE	104	198	306	319	322	325	325	325	325	325	325	344	3,543	
24		<hr/>													
25	CUMM. NET INVEST	6,224	6,224	17,535	19,166	19,166	19,471	19,471	19,471	19,471	19,471	19,471	21,827	21,827	
26	LESS: ACC. NET DEPR	2,496	2,600	2,798	3,104	3,423	3,745	4,070	4,395	4,720	5,045	5,370	5,695	6,039	
27	NET INVESTMENT	3,728	3,624	14,737	16,062	15,743	15,726	15,401	15,076	14,751	14,426	14,101	13,776	15,788	
28	AVERAGE INVESTMENT	3,676	9,180	15,399	15,902	15,734	15,563	15,238	14,913	14,588	14,263	13,938	14,782	15,788	
29	RETURN ON AVG INVEST	24	61	101	104	104	102	100	98	96	94	91	97	1,072	
30		<hr/>													
31	RETURN REQUIREMENTS	33	85	141	145	145	142	140	136	134	131	127	135	1,494	
32		<hr/>													
33	PROGRAM TOTAL	\$137	\$283	\$447	\$484	\$467	\$467	\$465	\$461	\$459	\$456	\$452	\$479	\$5,037	
34		<hr/>													
35	<b>STANDBY GENERATION (20021332) (D)</b>														
36	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
37	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	
38	DEPRECIATION BASE	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	0	
39		<hr/>													
40	DEPRECIATION EXPENSE	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	23,544	
41		<hr/>													
42	CUMM. NET INVEST	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	
43	LESS: ACC. NET DEPR	5,629	7,501	9,553	11,515	13,477	15,439	17,401	19,363	21,325	23,287	25,249	27,211	29,173	
44	NET INVESTMENT	112,094	110,132	108,170	106,208	104,246	102,284	100,322	98,360	96,398	94,436	92,474	90,512	88,550	
45	AVERAGE INVESTMENT	111,113	109,151	107,189	105,227	103,265	101,303	99,341	97,379	95,417	93,455	91,493	89,531	88,550	
46	RETURN ON AVG INVEST	729	717	704	691	678	665	652	640	627	614	601	588	7,906	
47		<hr/>													
48	RETURN REQUIREMENTS	1,015	998	980	962	944	926	908	891	873	855	837	819	11,008	
49		<hr/>													
50	PROGRAM TOTAL	\$2,977	\$2,960	\$2,942	\$2,924	\$2,906	\$2,888	\$2,870	\$2,853	\$2,835	\$2,817	\$2,799	\$2,781	\$34,552	

NOTES:  
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PROGRESS ENERGY FLORIDA  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010

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GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-3  
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LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	INTERRUPTIBLE SERVICE (20015941) (D)													
2	INVESTMENTS	\$0	\$0	(\$6,097)	\$0	\$0	\$0	\$0	\$15,400	\$15,400	\$15,400	\$15,400	\$15,400	\$70,903
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	80,692	80,692	77,644	74,596	74,596	74,596	74,596	82,296	97,596	113,096	128,496	143,896	
5														
6	DEPRECIATION EXPENSE	1,345	1,345	1,284	1,243	1,243	1,243	1,243	1,372	1,628	1,885	2,142	2,398	18,381
7														
8	CUMM. NET INVEST	80,692	80,692	74,596	74,596	74,596	74,596	74,596	89,998	105,396	120,796	136,196	151,596	151,596
9	LESS: ACC. NET DEPR	9,466	10,811	12,156	13,450	14,693	15,936	17,179	18,422	19,784	21,422	23,307	25,449	27,847
10	NET INVESTMENT	71,226	69,881	68,536	61,146	59,903	58,660	57,417	56,174	70,202	83,974	97,489	110,747	123,749
11	AVERAGE INVESTMENT		70,554	69,209	64,841	60,524	59,281	58,038	56,795	63,188	77,088	90,731	104,118	117,248
12	RETURN ON AVG INVEST		464	454	426	398	389	381	373	414	507	596	684	771
13														5,857
14	RETURN REQUIREMENTS		646	632	593	554	542	530	519	577	706	830	953	1,074
15														8,156
16	PROGRAM TOTAL		\$1,991	\$1,977	\$1,887	\$1,797	\$1,785	\$1,773	\$1,762	\$1,949	\$2,334	\$2,715	\$3,095	\$3,472
17														\$26,537
18	RESIDENTIAL ENERGY MANAGEMENT (20015943) (D)													
19	INVESTMENTS	\$33,316	\$34,571	\$0	\$0	\$0	\$0	\$0	\$46,043	\$46,043	\$46,043	\$46,043	\$46,043	\$298,100
20	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE	1,032,571	1,066,515	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,106,822	1,152,864	1,198,907	1,244,949	1,290,992	
22														
23	DEPRECIATION EXPENSE	17,210	17,775	18,063	18,063	18,063	18,063	18,063	18,447	19,214	19,982	20,749	21,517	225,209
24														
25	CUMM. NET INVEST	1,015,913	1,049,229	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,129,843	1,175,885	1,221,928	1,267,971	1,314,013	1,314,013
26	LESS: ACC. NET DEPR	290,069	307,279	325,054	343,117	361,180	379,243	397,306	415,369	433,816	453,030	473,012	493,761	515,278
27	NET INVESTMENT	725,844	741,950	758,746	740,683	722,620	704,557	686,494	668,431	696,027	722,855	748,916	774,210	798,735
28	AVERAGE INVESTMENT		733,897	750,348	749,715	731,652	713,589	695,526	677,483	682,229	709,441	735,886	761,563	786,472
29	RETURN ON AVG INVEST		4,820	4,927	4,924	4,805	4,686	4,568	4,449	4,481	4,659	4,833	5,002	5,165
30														57,319
31	RETURN REQUIREMENTS		6,713	6,862	6,858	6,692	6,526	6,362	6,196	6,241	6,488	6,731	6,966	7,193
32														79,828
33	PROGRAM TOTAL		\$23,923	\$24,637	\$24,921	\$24,755	\$24,589	\$24,425	\$24,258	\$24,688	\$25,702	\$26,713	\$27,715	\$28,710
														\$305,037

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95
- 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 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
SCHEDULE C-3  
PAGE 7 OF 9

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	LOAD MANAGEMENT SWITCHES (9080120) (D)													
2														
3		\$65,340	\$82,143	\$120,805	\$176,597	\$153,708	\$121,741	\$216,004	\$273,732	\$273,732	\$273,732	\$273,732	\$273,732	\$2,305,000
4		(143,655)	41,908	56,128	44,078	26,607	21,841	21,033	14,617	20,203	304,379	54,728	45,139	507,005
5		-	-	-	9,985	37,336	54,089	283,588	111,518	111,518	111,518	137,038	137,038	993,629
6														-
7		16,498,862	16,623,477	16,675,933	16,774,531	16,904,342	17,017,843	17,165,278	17,392,321	17,648,643	17,760,085	17,854,264	18,078,063	
8														
9		274,982	277,059	277,933	279,576	281,740	283,631	286,089	289,873	294,145	296,002	297,572	301,302	3,439,804
10														
11		16,394,365	16,603,359	16,643,594	16,708,272	16,840,791	16,967,893	17,067,793	17,262,763	17,521,879	17,775,408	17,744,761	17,963,766	18,192,359
12		5,407,590	5,826,227	6,061,379	6,283,184	6,518,882	6,773,816	7,035,805	7,300,661	7,575,917	7,849,859	7,841,482	8,084,326	8,340,489
13		10,986,774	10,777,132	10,582,216	10,425,088	10,322,109	10,194,077	10,032,188	9,962,102	9,945,962	9,925,549	9,903,279	9,879,440	9,851,870
14		-	-	-	9,985	47,321	101,411	384,999	496,517	608,035	719,553	856,591	993,629	993,629
15		-	-	-	9,985	47,321	101,411	384,999	496,517	608,035	719,553	856,591	993,629	993,629
16		10,881,953	10,679,674	10,503,652	10,378,591	10,286,746	10,187,499	10,240,350	10,394,790	10,488,031	10,578,208	10,679,432	10,790,765	
17		71,467	70,139	68,982	68,162	67,559	66,906	67,253	68,267	68,880	69,473	70,137	70,868	828,093
18														
19		99,532	97,682	96,071	94,929	94,089	93,180	93,663	95,075	95,929	96,755	97,679	98,667	1,153,281
20														
21		\$374,514	\$374,741	\$374,004	\$374,505	\$375,829	\$376,811	\$379,752	\$384,948	\$390,074	\$392,757	\$395,251	\$399,999	\$4,593,185
22														
23	ENERGY CONSERVATION ADMIN (20015935) (E)													
24		\$0	\$0	\$0	\$0	\$31,365	\$0	\$0	\$0	\$0	\$0	\$11,000	\$0	\$42,365
25		0	0	26,590	0	0	0	0	0	0	0	0	0	26,590
26		72,884	72,884	59,588	46,293	61,976	77,659	77,659	77,659	77,659	77,659	83,159	88,659	
27														
28		1,215	1,215	993	772	1,033	1,294	1,294	1,294	1,294	1,294	1,386	1,478	14,562
29														
30		72,884	72,884	46,293	46,293	77,659	77,659	77,659	77,659	77,659	77,659	88,659	88,659	88,659
31		43,525	44,740	45,955	20,358	21,130	22,163	23,457	24,751	26,045	27,339	28,633	30,019	31,497
32		29,359	28,144	26,829	25,936	25,164	24,496	23,849	23,202	22,555	21,908	21,261	20,614	19,967
33			28,751	27,536	26,432	25,550	24,330	23,449	22,567	21,686	20,805	19,924	19,043	18,162
34			189	181	174	168	163	157	151	145	139	133	127	3,426
35														
36		263	252	242	234	225	216	207	198	189	180	171	162	4,770
37														
38		\$1,478	\$1,467	\$1,235	\$1,006	\$1,402	\$1,795	\$1,784	\$1,773	\$1,759	\$1,748	\$1,878	\$2,007	\$19,332
39														
40	SUMMARY OF DEMAND & ENERGY:													
41														
42		\$ 3,390	\$ 4,331	\$ 4,245	\$ 4,018	\$ 4,400	\$ 4,777	\$ 4,749	\$ 4,717	\$ 4,686	\$ 4,656	\$ 4,870	\$ 5,498	\$ 54,337
43		403,405	404,315	403,754	403,981	405,109	405,897	408,643	414,438	420,945	425,002	428,860	434,962	4,959,311
44		\$ 406,795	\$ 408,646	\$ 407,999	\$ 407,999	\$ 409,509	\$ 410,674	\$ 413,392	\$ 419,155	\$ 425,631	\$ 429,658	\$ 433,730	\$ 440,460	\$ 5,013,648

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95  
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

PROGRESS ENERGY FLORIDA  
 ENERGY CONSERVATION ADJUSTMENT  
 CALCULATION OF TRUE-UP  
 FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 SCHEDULE C-3  
 PAGE 8 OF 9

LINE NO.	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	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	0	0	0	0	0	0	0	0
1D SUBTOTAL - FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CONSERVATION CLAUSE REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
2A CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
4 PRIOR PERIOD TRUE-UP OVER/(UNDER)	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	8,180,852	7,184,500	7,406,863	6,553,684	7,468,470	8,906,048	9,268,374	9,260,842	9,119,061	8,061,062	6,920,432	6,696,213	95,026,402
6 CONSERVATION EXPENSES (C-3, PAGE 3, LINE 36)	6,773,155	7,161,454	8,186,942	6,369,337	6,653,300	7,292,223	6,151,335	8,807,347	8,813,823	8,817,850	8,821,922	8,828,652	92,677,341
7 TRUE-UP THIS PERIOD (O)/U	(1,407,697)	(23,046)	780,078	(184,347)	(815,170)	(1,613,826)	(3,117,039)	(453,495)	(305,238)	756,788	1,901,490	2,132,439	(2,349,061)
8 CURRENT PERIOD INTEREST	(257)	(534)	(453)	(390)	(585)	(1,011)	(1,502)	(1,714)	(1,765)	(1,874)	(1,327)	(818)	(12,030)
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	(1,951,910)	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,918)	(2,791,014)	(4,243,192)	(7,199,073)	(7,491,623)	(7,635,968)	(6,718,195)	(4,655,371)	(1,951,910)
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	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
12 END OF PERIOD NET TRUE-UP	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,918)	(2,791,014)	(4,243,192)	(7,199,073)	(7,491,623)	(7,635,968)	(6,718,195)	(4,655,371)	(2,361,090)	(2,361,090)

PROGRESS ENERGY FLORIDA  
 CALCULATION OF INTEREST PROVISION  
 FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-1)  
 SCHEDULE C-3  
 PAGE 9 OF 9

LINE NO.	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL FOR THE PERIOD
1 BEGINNING TRUE-UP AMOUNT (C3,PAGE 8, LINE 9 & 10)	(1,951,910)	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,918)	(2,791,014)	(4,243,192)	(7,199,073)	(7,491,623)	(7,635,968)	(6,718,195)	(4,655,371)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(3,196,948)	(3,057,592)	(2,115,388)	(2,137,528)	(2,790,429)	(4,242,181)	(7,197,571)	(7,489,909)	(7,634,203)	(6,716,521)	(4,654,044)	(2,360,272)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(5,148,858)	(6,254,796)	(5,173,514)	(4,253,368)	(4,928,347)	(7,033,195)	(11,440,763)	(14,688,982)	(15,125,826)	(14,352,488)	(11,372,239)	(7,015,644)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,574,429)	(3,127,398)	(2,586,757)	(2,126,684)	(2,464,173)	(3,516,597)	(5,720,381)	(7,344,491)	(7,562,913)	(7,176,244)	(5,686,120)	(3,507,822)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.04%	0.20%	0.21%	0.21%	0.23%	0.34%	0.35%	0.28%	0.28%	0.28%	0.28%	0.28%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.20%	0.21%	0.21%	0.23%	0.34%	0.35%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	
7 TOTAL (LINE 5 AND LINE 6)	0.24%	0.41%	0.42%	0.44%	0.57%	0.69%	0.63%	0.56%	0.56%	0.56%	0.56%	0.56%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	0.120%	0.205%	0.210%	0.220%	0.285%	0.345%	0.315%	0.280%	0.280%	0.280%	0.280%	0.280%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(257)	(534)	(453)	(390)	(585)	(1,011)	(1,502)	(1,714)	(1,765)	(1,674)	(1,327)	(818)	(12,030)

**CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES  
FOR THE PERIOD: JANUARY 2011 THROUGH DECEMBER 2011**

<u>MONTH</u>	<u>JURISDICTIONAL MWH SALES</u>	<u>CLAUSE REVENUE NET OF REVENUE TAXES</u>
JANUARY	2,789,019	\$6,991,365
FEBRUARY	2,593,156	\$6,708,048
MARCH	2,526,179	\$6,566,268
APRIL	2,634,860	\$6,751,363
MAY	2,811,728	\$7,482,594
JUNE	3,387,889	\$8,658,959
JULY	3,595,865	\$9,220,960
AUGUST	3,663,361	\$9,452,054
SEPTEMBER	3,683,342	\$9,315,403
OCTOBER	3,271,718	\$8,177,875
NOVEMBER	2,783,934	\$6,953,556
DECEMBER	2,635,430	\$6,652,501
<b>TOTAL</b>	<b>36,376,481</b>	<b>\$92,930,946</b>

### 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 (Progress Energy) 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. Home Energy Check serves as the foundation of the residential Home Energy Improvement Program and it is a program requirement for participation. There are six types of energy audits: the free walk-through, the more comprehensive paid walk-through (\$15 charge), the energy rating (Energy Gauge), the mail-in audit, a web-based audit and a phone assisted audit.

**Program Projections for January 2011 through December 2011:** It is estimated that 57,000 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$9,302,419.

**Program Progress Summary:** As of July 31, 2010 there have been 37,966 customers that have participated in this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this rate. 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 2011 through December 2011:** It is estimated that 48,965 completions will be performed in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$14,150,624.

**Program Progress Summary:** As of July 31, 2010 there have been 34,973 measure installations that have taken place as a result of this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this subscription rate. This program will continue to be offered to residential customers 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 Florida Energy 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 family, multi-family, 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 2011 through December 2011:** It is estimated that 11,270 homes representing 200 builders will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$2,532,296.

**Program Progress Summary:** As of July 31, 2010 there have been 6,574 measure installations that have taken place as a result of this program. 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:** Neighborhood Energy Saver Program

**Program Description:** The Neighborhood Energy Saver Program was designed to assist low-income families with escalating energy costs. The goal is to implement a comprehensive package of electric conservation measures in the homes of eligible customers. In addition to the installation of these measures, an important component of this program is educating families on energy efficiency techniques and best practices to help them change their behavior and empower them to control their energy usage.

**Program Projections January 2011 through December 2011:** It is estimated that 3,000 households will participate in the Neighborhood Energy Saver Program.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$1,249,927.

**Program Progress Summary:** As of July 31, 2010 there have been 2,030 households that have participated in this program.



### Program Description and Progress

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

**Program Description:** The program goal is to integrate Progress Energy'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 2011 through December 2011:** It is estimated that 1,500 measures provided by 9 agencies will be installed during 2011.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$308,209.

**Program Progress Summary:** As of July 31, 2010 there have been 1,268 measures that have participated in this program. Historically, participation is reduced in the latter part of the year.

### Program Description and Progress

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

**Program Description:** The Energy Management 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. The commercial program was closed to new participants as of May 12, 2000.

The current direct load control (DLC) one-way communications and appliance switching infrastructure that allows Progress Energy to shed an estimated 700 MW of winter peak demand is becoming obsolete. Major infrastructure maintenance and system upgrades are necessary to continue to ensure the availability of the existing 700 MW of direct load control capacity to support additional capacity in the future.

Progress Energy's existing system is a one-way communications (paging) direct load control program with no direct feedback. It provides Progress Energy with about 700 MW of Winter load reduction and 300 MW of Summer load. Close to 400,000 customers currently participate in the program requiring over 520,000 control switches, the majority being original analog switches.

Progress Energy is continuing with the systemic change out of antiquated equipment and replacement with a digital two-way communications based system that will be compatible with future Smart Grid technologies. Progress Energy believes the appropriate "Smart Grid" compatible technology will greatly enhance the ability to maintain the existing levels of load under control.

### Program Description and Progress

Progress Energy will continue with a scaled deployment to transition the existing one-way residential direct load control infrastructure to a “Smart Grid” compatible system.

**Program Projections for January 2011 through December 2011:** During this period we anticipate adding 7,700 new participants.

**Program Fiscal Expenditures for January 2011 through December 2011:** Program expenditures during this period are projected to be \$23,392,522.

**Program Progress Summary:** As of July 31, 2010 there are 372,479 customers participating in the Energy Management program. Through July 31, 2010, a total of 4,310 new participant installations have been completed.

## Program Description and Progress

### **Program Title:** Renewable Energy Saver 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. 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 Energy Management 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 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 2011 through December 2011:** It is estimated that 1,700 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$1,201,962.

**Program Progress Summary:** As of July 31, 2010 there are a total of 1,250 customers participating in the Solar Photovoltaics with EnergyWise and an additional 3,712 customers participating in the Solar Water Heater with EnergyWise program. 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. 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 2011 through December 2011:** It is estimated that 2,900 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$3,348,136.

**Program Progress Summary:** As of July 31, 2010 there have been 1,978 customers that have participated in this program. 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.

### 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 2011 through December 2011:** It is estimated that 2,115 measure installations will take place as a result of this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$2,666,365.

**Program Progress Summary:** As of July 31, 2010 there have been 1,252 measure installations that have taken place as a result of this program. This program will continue to provide commercial customers with opportunities for improving the energy efficiency of existing facilities.

### Program Description and Progress

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

**Program Description:** This program is the 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 2011 through December 2011:** It is estimated that 185 measure participants will participate during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$987,545.

**Program Progress Summary** As of July 31, 2010 there have been 163 measure participants that have taken place as a result of this program. This program is tied to the building industry. Participation in this program is expected to decline due to economic pressures and external environment. 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 Progress Energy 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 Progress Energy customers. To be eligible, projects must reduce or shift a minimum of 10 kW of peak demand. Examples include refrigeration equipment replacement, PTAC chemical cleaning, and heat pipe technology for HVAC units.

**Program Projections for January 2011 through December 2011:** It is estimated that 2 customers will participate in the program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$43,706.

**Program Progress Summary:** As of July 31, 2010 there have been 0 customers that have participated in this program. 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 provides an incentive for customers who, when notified by Progress Energy, voluntarily operate their on-site generation during times of system peak.

**Program Projections for January 2011 through December 2011:** It is estimated that 12 new installations will be completed during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$2,861,001.

**Program Progress Summary:** As of July 31, 2010 there are 237 active accounts with 61 customers participating in this program. It is estimated that active accounts will grow to 257 by the end of 2010.

### Program Description and Progress

**Program Title:** Interruptible Service

**Program Description:** The Interruptible Service rate is a dispatchable DSM program in which customers contract to allow Progress Energy to switch off electrical service to customers during times of capacity shortages. In return for permitting interruption to their service, the customers receive a monthly credit on their bill based on their monthly peak demand.

**Program Projections for January 2011 through December 2011:** 1 new account is estimated to sign up during the period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$19,755,142.

**Program Progress Summary:** As of July 31, 2010, this program has 149 active accounts with 77 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. Customers who were participating in this program at the time of closure were grandfathered into the program, and any new participants are placed on the IS-2 tariff.

### Program Description and Progress

**Program Title:** Curtailable Service

**Program Description:** The Curtailable Service rate 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 managed by the customer when notified by Progress Energy. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

**Program Projections for January 2011 through December 2011:** 1 new participant is expected during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$843,275.

**Program Progress Summary:** As of July 31, 2010, this program has 5 active accounts with 3 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 to undertake certain development and demonstration projects which provide support for the development of cost-effective demand reduction energy efficiency and alternative energy programs.

**Program Projections for January 2011 through December 2011:** Progress Energy has developed a Technology Roadmap to ensure effective development and implementation of Demand Side Management programs. The roadmap contains four focus areas: energy efficiency, alternative energy, state-of-the-art power systems, and electric transportation. Several research projects associated with these focus areas will continue and/or launch in 2011:

- On-line efficiency control in facilities
- Solar photovoltaic energy production and system impact
- Small-scale wind assessment
- Renewable SEEDS (solar PV with advanced energy storage)
- Mobile energy storage (ZnBr flow battery)
- Smart charging for electric transportation
- Truck stop electrification (TSE) load profile
- Electric Power Research Institute (EPRI) programs (energy storage, Intelligrid, electric transportation infrastructure)

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$826,215.

**Program Progress Summary:** Several research projects achieved significant milestones in 2010; examples include:

- Small-scale wind: Associated with a State of Florida Renewable Energy and Energy-Efficient Technologies Grant, Progress Energy is evaluating small-scale wind energy technologies. After completing a wind resource analysis, a 2.4kW wind turbine was installed at the Okahumpka Service Plaza for the Florida Turnpike in January 2010. Results to date indicate approximately 3.4 kWh per day of energy production. Additional

### Program Description and Progress

wind resource mapping is currently underway with the results expected to support the decision for future installations.

- **DOE L-Prize:** Associated with a DOE grant, Progress Energy began testing LED dimmable light bulbs. Results to date indicate potential energy savings with enhanced customer satisfaction when compared to incandescent bulbs. A second customer survey will be conducted upon conclusion of the study.
- **Renewable SEEDS:** The solar PV with advanced battery storage project continued with the installation of a lithium ion (Li-ion) battery. The Li-ion battery system demonstrated a 73.5% round trip efficiency and is currently being modeled to identify opportunities for system support applications.
- **PHEV smart charging:** Two PHEV charging stations with direct load control management were installed at Progress Energy's Lake Mary office. These charging stations provide a research and demonstration platform to prepare for electric vehicle charging demand, and are supporting the development for a residential demand response program appliance addition.

In addition to the projects noted, we will continue to pursue other promising new technology projects and participation in industry research that support our technology roadmap and the pursuit of cost-effective demand reduction, energy efficiency, and alternative energy programs.

### Program Description and Progress

**Program Title:** Qualifying Facility

**Program Description:** For this program, power is purchased from qualifying cogeneration and small power production facilities, including renewables.

**Program Projections for January, 2011 through December, 2011:** Contracts for new facilities will continue to be negotiated when the qualifying facility's technology is sound and their costs are at or below the avoided cost.

**Program Fiscal Expenditures for January, 2011 through December, 2011:** Expenses for this program are projected to be \$717,454.

**Program Progress Summary:** The total MW of qualifying facility capacity including both firm and as available purchases is approximately 849 MW with approximately another 571 MW of qualifying facility firm and non-firm capacity that has not yet begun operation.

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**Exhibit No. \_\_\_\_ (GRF-1PA-2)**

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**Docket No. 100002-EG**

**To the Direct Testimony of  
GARY R. FREEMAN  
(filed September 17, 2010)**

DOCUMENT NUMBER-DATE  
07813 SEP 17 09  
FPSC-COMMISSION CLERK

**PROGRESS ENERGY FLORIDA**  
 Energy Conservation Cost Recovery Clause (ECCR)  
 Calculation of the Energy & Demand Allocation % by Rate Class  
 JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
 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) (2)/(8760hrs*(1))	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8760hrs)	(8) Annual Average Demand Allocator (%)	(9) 12 CP Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
<b>Residential</b>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.494	18,156,533	4,195.68	0.9342388	19,434,573	4,491.01	2,218.56	50.132%	62.283%	61.349%
<b>General Service Non-Demand</b>										
GS-1, GST-1										
Secondary	0.695	1,166,288	191.57	0.9342388	1,248,383	205.05	142.51	3.220%	2.844%	2.873%
Primary	0.695	4,416	0.73	0.9687000	4,559	0.75	0.52	0.012%	0.010%	0.010%
Transmission	0.695	3,699	0.61	0.9787000	3,780	0.62	0.43	0.010%	0.009%	0.009%
								<u>3.242%</u>	<u>2.863%</u>	<u>2.892%</u>
<b>General Service</b>										
GS-2 Secondary	1.000	97,312	11.11	0.9342388	104,162	11.89	11.89	0.269%	0.165%	0.173%
<b>General Service Demand</b>										
GSD-1, GSDT-1										
Secondary	0.785	12,131,043	1,764.10	0.9342388	12,984,948	1,888.28	1,482.30	33.495%	26.187%	26.750%
Primary	0.785	2,266,966	329.66	0.9687000	2,340,215	340.32	267.15	6.037%	4.720%	4.821%
Transmission	0.785	0	0.00	0.9787000	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.546	8	0.00	0.9687000	8	0.00	0.00	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	1.546	11,483	0.85	0.9787000	11,733	0.87	1.34	0.030%	0.012%	0.013%
Transm Del/ Primary Mtr	1.546	4,471	0.33	0.9687000	4,615	0.34	0.53	0.012%	0.005%	0.005%
								<u>39.574%</u>	<u>30.924%</u>	<u>31.589%</u>
<b>Curtailable</b>										
CS-1, CST-1, CS-2, CST-2, SS-3										
Secondary	0.935	0	0.00	0.9342388	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	0.935	171,491	20.94	0.9687000	177,032	21.61	20.21	0.457%	0.300%	0.312%
SS-3 Primary	0.451	3,536	0.90	0.9687000	3,650	0.92	0.42	0.009%	0.013%	0.013%
								<u>0.466%</u>	<u>0.313%</u>	<u>0.324%</u>
<b>Interruptible</b>										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.983	100,117	11.63	0.9342388	107,164	12.44	12.23	0.276%	0.173%	0.181%
Sec Del/Primary Mtr	0.983	4,623	0.54	0.9687000	4,772	0.55	0.54	0.012%	0.008%	0.008%
Primary Del / Primary Mtr	0.983	1,166,627	135.48	0.9687000	1,204,322	139.86	137.48	3.107%	1.940%	2.029%
Primary Del / Transm Mtr	0.983	16,410	1.91	0.9787000	16,767	1.95	1.91	0.043%	0.027%	0.028%
Transm Del/ Transm Mtr	0.983	289,741	33.65	0.9787000	296,047	34.38	33.80	0.764%	0.477%	0.499%
Transm Del/ Primary Mtr	0.983	264,215	30.68	0.9687000	272,752	31.67	31.14	0.704%	0.439%	0.460%
SS-2 Primary	0.929	75,224	9.24	0.9687000	77,655	9.54	8.86	0.200%	0.132%	0.138%
Transm Del/ Transm Mtr	0.929	64,481	7.92	0.9787000	65,884	8.10	7.52	0.170%	0.112%	0.117%
Transm Del/ Primary Mtr	0.929	14,531	1.79	0.9687000	15,001	1.84	1.71	0.039%	0.026%	0.027%
								<u>5.315%</u>	<u>3.333%</u>	<u>3.486%</u>
<b>Lighting</b>										
LS-1 (Secondary)	5.151	363,266	8.05	0.9342388	388,836	8.62	44.39	1.003%	0.120%	0.187%
		<u>36,376,481</u>	<u>6,757.34</u>		<u>38,766,859</u>	<u>7,210.62</u>	<u>4,425.44</u>	<u>100.000%</u>	<u>100.000%</u>	<u>100.000%</u>

Notes: (1) Average 12CP load factor based on load research study filed July 31, 2009 (FPSC Rule 25-6.0437 (7))  
 (2) Projected kWh sales for the period January 2011 to December 2011  
 (3) Calculated: Column 2 / (8,760 hours x Column 1)  
 (4) Based on system average line loss analysis for 2009  
 (5) Calculated: Column 2 / Column 4

(6) Calculated: 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



**PROGRESS ENERGY FLORIDA**  
 Energy Conservation Cost Recovery Clause (ECCR)  
 Calculation of Energy Conservation Cost Recovery Clause Rate Factors by Rate Class  
**JANUARY 2011 - DECEMBER 2011**

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
 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) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (KW)	(9) Energy Conservation Cost Recovery (\$/kW-month)	(10) Energy Conservation Cost Recovery (cents/kWh)
<b>Residential</b>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1 Secondary	50.132%	61.349%	\$ 22,531,468	\$31,814,178	\$54,345,646	18,156,533				0.299
<b>General Service Non-Demand</b>										
GS-1, GST-1 Secondary						1,166,288				0.252
Primary						4,372				0.249
Transmission						3,625				0.247
<b>TOTAL GS</b>	<b>3.242%</b>	<b>2.892%</b>	<b>\$ 1,456,980</b>	<b>\$1,499,667</b>	<b>\$2,956,646</b>	<b>1,174,285</b>				
<b>General Service</b>										
GS-2 Secondary	0.269%	0.173%	\$ 120,760	\$89,656	\$210,416	97,312				0.216
<b>General Service Demand</b>										
GSD-1, GSDT-1, SS-1*										
Secondary						12,131,043			0.90	
Primary						2,248,731			0.89	
Transmission						11,253			0.88	
<b>TOTAL GSD</b>	<b>39.574%</b>	<b>31.589%</b>	<b>\$ 17,786,187</b>	<b>\$16,381,585</b>	<b>\$34,167,772</b>	<b>14,391,027</b>	<b>51.82%</b>	<b>38,040,254</b>		
<b>Curtable</b>										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.94	
Primary						173,277			0.93	
Transmission						-			0.92	
<b>TOTAL CS</b>	<b>0.466%</b>	<b>0.324%</b>	<b>\$ 209,474</b>	<b>\$168,215</b>	<b>\$377,689</b>	<b>173,277</b>	<b>59.38%</b>	<b>399,711</b>		
<b>Interruptible</b>										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						100,117			0.82	
Primary						1,509,968			0.81	
Transmission						363,219			0.80	
<b>TOTAL IS</b>	<b>5.315%</b>	<b>3.486%</b>	<b>\$ 2,388,683</b>	<b>\$1,807,545</b>	<b>\$4,196,228</b>	<b>1,973,304</b>	<b>52.86%</b>	<b>5,113,835</b>		
<b>Lighting</b>										
LS-1 Secondary	1.003%	0.187%	\$ 450,797	\$97,218	\$548,016	363,266				0.151
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>	<b>\$44,944,349</b>	<b>\$51,858,064</b>	<b>\$96,802,413</b>	<b>36,329,004</b>				<b>0.266</b>

Notes:

- |  |  |
|--|--|
| (1) From Schedule C-1 1P, Column 8                       | (6) kWh sales at effective secondary voltage |
| (2) From Schedule C-1 1P, Column 10                      | (7) Class Billing kW Load Factor             |
| (3) Column 1 x Total Energy Dollars, C-2 Page 1, line 33 | (8) Column 6 x 1000 / 8760 / Column 7 x 12   |
| (4) Column 2 x Total Demand Dollars, C-2 Page 1, line 35 | (9) Column 5 / Column 8                      |
| (5) Column 3 + Column 4                                  | (10) Column 5 x 100 / Column 6 x 1,000       |

**\*Calculation of Standby Service kW Charges:**

	ECCR Cost	Effective kW	\$/kW	
Total GSD, CS, IS	\$38,741,689	43,553,800	0.89	
<b>SS-1, 2, 3 - \$/kW-mo</b>		Secondary	Primary	Trans
Monthly - \$0.89/kW * 10%	0.089	0.088	0.087	
Daily - \$0.89/kW / 21	0.042	0.042	0.041	

**PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
JANUARY 2011 - DECEMBER 2011**

**DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
SCHEDULE C-2  
PAGE 1 OF 7**

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	12 MONTH TOTAL
1	BETTER BUSINESS (20015937) (E)	\$ 2,666,365
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	2,532,296
3	HOME ENERGY IMPROVEMENT (20015934) (E)	14,150,624
4	C/I NEW CONSTRUCTION (20015938) (E)	987,545
5	HOME ENERGY CHECK (20015932) (E)	9,302,419
6	LOW INCOME (20021329) (E)	308,209
7	SOLAR WATER HEATING WITH EM (E)	1,340,205
8	NEIGHBORHOOD ENERGY SAVER (20060745)(E)	1,249,927
9	BUSINESS ENERGY CHECK (20015936) (E)	3,348,136
10	CONSERVATION PROGRAM ADMIN (20015935) (E)	5,068,207
11	CONSERVATION PROGRAM ADMIN (20015935) (D)	560,577
12	QUALIFYING FACILITY (20025062) (E)	717,454
13	INNOVATION INCENTIVE (20015940) (E)	43,706
14	TECHNOLOGY DEVELOPMENT (20015939) (E)	826,215
15	STANDBY GENERATION (20021332) (D)	2,861,001
16	INTERRUPTIBLE SERVICE (20015941) (D)	19,755,142
17	CURTAILABLE SERVICE (20015942) (D)	843,275
18	RES ENERGY MANGMNT-ADMIN (20015943) (D)	23,392,522
19	LOAD MANAGEMENT SWITCHES (9080120) (D)	5,068,547
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	674,432
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (E)	1,096,663
22	SOLAR WATER HEAT LOW INCOME RES CUST (E)	149,495
23	COMMERCIAL SOLAR PHOTOVOLTAIC (E)	1,069,701
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (E)	657,224
25	RESEARCH AND DEMONSTRATION (E)	323,380
26		
27	NET PROGRAM COSTS	<u>\$ 98,993,268</u>

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29 SUMMARY OF DEMAND & ENERGY

LINE NO.	12 Months Total	Prior Period True-Up Under(Over) Recovery	Total Costs with True - up	Revenue Expansion Factor	Total Costs To Recovery
33	\$ 45,837,772	\$ (912,292)	\$ 44,925,480	1.000420	\$ 44,944,349
34					
35	53,155,496	(1,319,203)	51,836,293	1.000420	51,858,064
36					
37	<u>\$ 98,993,268</u>	<u>\$ (2,231,495)</u>	<u>\$ 96,761,773</u>		<u>\$ 96,802,413</u>

PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
SCHEDULE C-2  
PAGE 2 OF 7

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED												TOTAL
		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	
1	BETTER BUSINESS (20015937) (E)	\$204,966	\$242,656	\$215,203	\$226,114	\$218,385	\$233,242	\$235,521	\$219,144	\$231,621	\$223,560	\$212,655	\$203,300	\$2,666,365
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	243,350	147,340	175,441	238,739	234,616	344,307	201,071	181,417	178,745	279,476	146,159	161,636	2,532,296
3	HOME ENERGY IMPROVEMENT (20015934) (E)	1,732,659	1,163,176	1,204,256	1,176,914	1,164,548	1,086,838	1,032,587	1,113,943	1,157,090	1,115,413	1,128,643	1,074,558	14,150,624
4	C/I NEW CONSTRUCTION (20015938) (E)	82,984	71,079	68,710	85,314	71,079	70,269	85,753	82,835	106,809	84,722	84,992	93,002	987,545
5	HOME ENERGY CHECK (20015932) (E)	877,099	864,378	938,446	856,139	879,188	618,476	519,754	755,424	837,553	781,055	764,288	610,618	9,302,419
6	LOW INCOME (20021329) (E)	30,249	23,749	29,999	30,524	22,849	22,499	20,299	20,249	33,499	28,299	24,949	21,049	308,209
7	SOLAR WATER HEATING WITH EM (E)	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	1,340,205
8	NEIGHBORHOOD ENERGY SAVER (20060745)(E)	52,463	71,851	138,029	132,009	131,089	134,859	79,760	132,534	134,259	129,627	63,599	49,851	1,249,927
9	BUSINESS ENERGY CHECK (20015936) (E)	247,374	257,706	255,520	302,175	250,136	273,116	246,754	244,671	257,422	502,599	256,810	253,854	3,348,136
10	CONSERVATION PROGRAM ADMIN (20015935) (E)	341,921	383,427	516,364	390,369	362,675	638,618	366,236	312,339	498,255	436,871	438,773	5,068,207	
11	CONSERVATION PROGRAM ADMIN (20015935) (D)	37,769	42,383	57,157	43,156	40,082	70,744	40,480	34,493	55,153	42,276	48,334	48,548	560,577
12	QUALIFYING FACILITY (20025062) (E)	50,401	50,401	51,035	78,905	50,401	102,035	51,201	50,901	79,538	50,401	50,401	51,835	717,454
13	INNOVATION INCENTIVE (20015940) (E)	1,142	1,142	3,017	1,142	12,392	3,017	1,142	1,142	3,017	1,142	1,142	12,392	43,706
14	TECHNOLOGY DEVELOPMENT (20015939) (E)	96,784	50,729	53,396	116,705	46,717	60,387	96,765	47,208	66,804	100,155	45,197	45,367	826,215
15	STANDBY GENERATION (20021332) (D)	227,520	228,791	233,622	235,450	236,712	238,962	240,512	241,765	244,008	244,263	244,223	245,170	2,861,001
16	INTERRUPTIBLE SERVICE (20015941) (D)	1,611,785	1,606,740	1,585,724	1,692,181	1,718,721	1,570,610	1,664,463	1,619,717	1,597,308	1,616,322	1,854,884	1,616,684	19,755,142
17	CURTAILABLE SERVICE (20015942) (D)	63,331	75,194	71,357	66,328	71,160	70,927	79,069	75,873	67,097	61,400	78,676	62,864	843,275
18	RES ENERGY MANGMNT-ADMIN (20015943) (D)	2,665,267	2,540,807	1,819,612	1,503,106	1,695,986	1,873,518	1,877,789	1,839,579	1,879,114	1,685,030	1,949,894	2,062,818	23,392,522
19	LOAD MANAGEMENT SWITCHES (9080120) (D)	404,139	407,903	412,108	416,320	419,857	423,271	424,626	425,847	429,679	432,669	434,947	437,181	5,068,547
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	53,201	55,645	52,974	54,483	57,300	54,180	58,061	60,483	59,463	57,160	60,477	51,007	674,432
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (E)	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	1,096,663
22	SOLAR WATER HEAT LOW INCOME RES CUST (E)	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	149,495
23	COMMERCIAL SOLAR PHOTOVOLTAIC (E)	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	1,069,701
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (E)	31,245	35,609	39,946	44,259	48,544	52,803	57,037	61,245	65,426	69,582	73,711	77,816	657,224
25	RESEARCH AND DEMONSTRATION (E)	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	323,380
26														
27	NET PROGRAM COSTS	\$9,387,268	\$8,652,326	\$8,253,534	\$8,021,952	\$8,064,057	\$8,274,297	\$7,710,501	\$7,852,430	\$8,313,480	\$8,219,131	\$8,303,723	\$7,940,568	\$98,993,268
28														
29														
30	SUMMARY OF DEMAND & ENERGY													
31														
32	ENERGY	\$4,324,256	\$3,694,863	\$4,020,981	\$4,010,928	\$3,824,238	\$3,972,084	\$3,325,500	\$3,554,672	\$3,981,658	\$4,080,010	\$3,632,287	\$3,416,295	\$45,837,772
33														
34	DEMAND	5,063,012	4,957,464	4,232,553	4,011,024	4,239,819	4,302,213	4,385,001	4,297,758	4,331,822	4,139,121	4,671,436	4,524,273	53,155,496
35														
36	TOTAL	\$9,387,268	\$8,652,326	\$8,253,534	\$8,021,952	\$8,064,057	\$8,274,297	\$7,710,501	\$7,852,430	\$8,313,480	\$8,219,131	\$8,303,723	\$7,940,568	\$98,993,268

PROGRESS ENERGY FLORIDA  
ESTIMATED CONSERVATION PROGRAM COSTS  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
SCHEDULE C-2  
PAGE 3 OF 7

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 (20015937) (E)	\$6,706	\$442,321	\$15,581	\$21,738	\$166,788	\$1,980,000	\$0	\$33,231	\$0	\$2,666,365
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	0	1,086,648	3,800	10,000	160,214	1,101,588	0	170,045	0	2,532,296
3	HOME ENERGY IMPROVEMENT (20015934) (E)	20,476	1,814,144	82,742	372,796	2,520,328	9,072,640	0	267,498	0	14,150,624
4	CI NEW CONSTRUCTION (20015938) (E)	0	215,838	15,581	21,738	89,847	610,000	0	34,541	0	987,545
5	HOME ENERGY CHECK (20015932) (E)	592	4,032,123	503,493	313,853	3,827,586	0	0	624,772	0	9,302,419
6	LOW INCOME (20021329) (E)	0	137,060	0	1,000	32,136	100,000	0	38,013	0	308,209
7	SOLAR WATER HEATING WITH EM (E)	0	102,705	0	0	0	1,237,500	0	0	0	1,340,205
8	NEIGHBORHOOD ENERGY SAVER (20060745)(E)	0	177,290	3,457	29,100	25,860	966,370	0	47,850	0	1,249,927
9	BUSINESS ENERGY CHECK (20015936) (E)	10,746	1,452,682	77,742	1,155,118	213,345	0	0	438,502	0	3,348,136
10	CONSERVATION PROGRAM ADMIN (20015935) (E)	23,036	2,541,500	35,302	725,023	535,050	0	0	1,208,296	0	5,068,207
11	CONSERVATION PROGRAM ADMIN (20015935) (D)	0	282,390	3,923	80,555	59,455	0	0	134,254	0	560,577
12	QUALIFYING FACILITY (20025062) (E)	0	631,321	4,005	50,000	0	0	0	32,128	0	717,454
13	INNOVATION INCENTIVE (20015940) (E)	0	13,706	0	6,500	0	22,500	0	1,000	0	43,706
14	TECHNOLOGY DEVELOPMENT (20015939) (E)	5,865	431,114	2,111	129,400	0	0	0	257,725	0	826,215
15	STANDBY GENERATION (20021332) (D)	57,092	181,125	1,719	12,535	0	2,575,000	0	33,530	0	2,861,001
16	INTERRUPTIBLE SERVICE (20015941) (D)	51,166	13,430	0	0	0	19,650,000	0	40,546	0	19,755,142
17	CURTAINABLE SERVICE (20015942) (D)	0	0	0	0	0	840,000	0	3,275	0	843,275
18	RES ENERGY MANGMNT-ADMIN (20015943) (D)	336,049	1,719,006	7,146	1,789,591	927,624	17,800,425	0	1,012,681	0	23,392,522
19	LOAD MANAGEMENT SWITCHES (9080120) (D)	5,068,547	0	0	0	0	0	0	0	0	5,068,547
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	0	0	0	32,188	0	640,000	0	2,244	0	674,432
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (E)	0	57,998	9,666	11,600	0	1,000,000	0	17,399	0	1,096,663
22	SOLAR WATER HEAT LOW INCOME RES CUST (E)	0	27,793	71	2,733	0	114,000	0	4,898	0	149,495
23	COMMERCIAL SOLAR PHOTOVOLTAIC (E)	0	55,321	9,220	11,064	0	977,500	0	16,596	0	1,069,701
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (E)	348,463	185,257	30,876	37,051	0	0	0	55,577	0	657,224
25	RESEARCH AND DEMONSTRATION (E)	0	0	0	323,380	0	0	0	0	0	323,380
26											
27											
28	NET PROGRAM COSTS	\$5,928,738	\$15,600,772	\$806,437	\$5,136,963	\$8,558,234	\$58,487,524	\$0	\$4,474,600	\$0	\$98,993,268
29											
30											
31	SUMMARY OF DEMAND & ENERGY										
32											
33	ENERGY	\$415,884	\$13,404,821	\$793,649	\$3,222,094	\$7,571,155	\$17,182,099	\$0	\$3,248,070	\$0	\$45,837,772
34											
35	DEMAND	5,512,854	2,195,952	12,788	1,914,869	987,078	41,305,425	0	1,226,529	0	53,155,496
36											
37	TOTAL	\$5,928,738	\$15,600,772	\$806,437	\$5,136,963	\$8,558,234	\$58,487,524	\$0	\$4,474,600	\$0	\$98,993,268

PROGRESS ENERGY FLORIDA  
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
SCHEDULE C-2  
PAGE 4 OF 7

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	
1	BETTER BUSINESS (20015937) (E)														
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		24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
5															
6	DEPRECIATION EXPENSE		401	401	401	401	401	401	401	401	401	401	401	401	4,812
7															
8	CUMULATIVE INVESTMENT	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
9	LESS: ACC. DEPRECIATION	4,411	4,812	5,213	5,614	6,015	6,416	6,817	7,218	7,619	8,020	8,421	8,822	9,223	9,223
10	NET INVESTMENT	19,648	19,247	18,846	18,445	18,044	17,643	17,242	16,841	16,440	16,039	15,638	15,237	14,836	14,836
11	AVERAGE INVESTMENT		19,447	19,046	18,645	18,244	17,843	17,442	17,041	16,640	16,239	15,838	15,437	15,036	
12	RETURN ON AVERAGE INVESTMENT		128	125	123	120	117	115	112	109	107	104	101	99	1,360
13															
14	RETURN REQUIREMENTS		178	174	171	167	163	160	156	152	149	145	141	138	1,894
15															
16	PROGRAM TOTAL		\$ 579	\$ 575	\$ 572	\$ 568	\$ 564	\$ 561	\$ 557	\$ 553	\$ 550	\$ 546	\$ 542	\$ 539	\$6,706
17															
18	HOME ENERGY IMPROVEMENT (20015934) (E)														
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		78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	0
22															
23	DEPRECIATION EXPENSE		1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	15,780
24															
25	CUMULATIVE INVESTMENT	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
26	LESS: ACC. DEPRECIATION	28,224	29,539	30,854	32,169	33,484	34,799	36,114	37,429	38,744	40,059	41,374	42,689	44,004	44,004
27	NET INVESTMENT	50,650	49,335	48,020	46,705	45,390	44,075	42,760	41,445	40,130	38,815	37,500	36,185	34,870	34,870
28	AVERAGE INVESTMENT		49,992	48,677	47,362	46,047	44,732	43,417	42,102	40,787	39,472	38,157	36,842	35,527	
29	RETURN ON AVERAGE INVESTMENT		328	320	312	302	294	285	277	267	259	251	242	233	3,370
30															
31	RETURN REQUIREMENTS		457	446	434	421	410	397	386	372	361	350	337	325	4,696
32															
33	PROGRAM TOTAL		\$ 1,772	\$ 1,761	\$ 1,749	\$ 1,736	\$ 1,725	\$ 1,712	\$ 1,701	\$ 1,687	\$ 1,676	\$ 1,665	\$ 1,652	\$ 1,640	\$20,476
34															
35	HOME ENERGY CHECK (20015932) (E)														
36	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	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	0
39															
40	DEPRECIATION EXPENSE		43	43	43	43	43	43	43	43	43	43	43	43	516
41															
42	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
43	LESS: ACC. DEPRECIATION	1,604	1,647	1,690	1,733	1,776	1,819	1,862	1,905	1,948	1,991	2,034	2,077	2,120	2,120
44	NET INVESTMENT	956	913	870	827	784	741	698	655	612	569	526	483	440	440
45	AVERAGE INVESTMENT		935	892	849	806	763	720	677	634	591	548	505	462	
46	RETURN ON AVERAGE INVESTMENT		6	6	5	5	5	5	5	5	3	3	3	3	54
47															
48	RETURN REQUIREMENTS		9	9	7	7	7	7	7	7	4	4	4	4	76
49															
50	PROGRAM TOTAL		\$ 52	\$ 52	\$ 50	\$ 50	\$ 50	\$ 50	\$ 50	\$ 50	\$ 47	\$ 47	\$ 47	\$ 47	\$592

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
 JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
 SCHEDULE C-2  
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LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL		
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11			
1	BUSINESS ENERGY CHECK (20015936) (E)																
2	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 101,700	\$ 0	\$ 0	\$101,700
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	73,850	124,700		
5																	
6	DEPRECIATION EXPENSE		383	383	383	383	383	383	383	383	383	383	383	1,231	2,078		7,139
7																	
8	CUMULATIVE INVESTMENT	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	124,700	124,700		124,700
9	LESS: ACC. DEPRECIATION	383	766	1,149	1,532	1,915	2,298	2,681	3,064	3,447	3,830	4,213	4,596	5,444	7,522		7,522
10	NET INVESTMENT	22,617	22,234	21,851	21,468	21,085	20,702	20,319	19,936	19,553	19,170	18,787	18,404	119,256	117,178		117,178
11	AVERAGE INVESTMENT		22,426	22,043	21,660	21,277	20,894	20,511	20,128	19,745	19,362	18,979	18,596	69,022	118,217		
12	RETURN ON AVERAGE INVESTMENT		147	145	142	139	137	134	133	130	128	125	123	453	776		2,589
13																	
14	RETURN REQUIREMENTS		205	202	198	194	191	187	185	181	178	174	631	1,081			3,607
15																	
16	PROGRAM TOTAL		\$ 588	\$ 585	\$ 581	\$ 577	\$ 574	\$ 570	\$ 568	\$ 564	\$ 561	\$ 557	\$ 1,862	\$ 3,159			\$10,746
17																	
18	CONSERVATION PROGRAM ADMIN (20015935) (E)																
19	INVESTMENT		\$ 0	\$ 0	\$ 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	0	0
21	DEPRECIATION BASE		88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659		
22																	
23	DEPRECIATION EXPENSE		1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478	1,478		17,736
24																	
25	CUMULATIVE INVESTMENT	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659	88,659		88,659
26	LESS: ACC. DEPRECIATION	31,497	32,975	34,453	35,931	37,409	38,887	40,365	41,843	43,321	44,799	46,277	47,755	49,233	49,233		49,233
27	NET INVESTMENT	57,162	55,684	54,206	52,728	51,250	49,772	48,294	46,816	45,338	43,860	42,382	40,904	39,426	39,426		39,426
28	AVERAGE INVESTMENT		56,423	54,945	53,467	51,989	50,511	49,033	47,555	46,077	44,599	43,121	41,643	40,165			
29	RETURN ON AVERAGE INVESTMENT		371	361	352	342	331	322	312	302	293	283	273	264			3,806
30																	
31	RETURN REQUIREMENTS		517	503	490	476	461	448	434	421	408	394	380	368			5,300
32																	
33	PROGRAM TOTAL		\$ 1,995	\$ 1,981	\$ 1,968	\$ 1,954	\$ 1,939	\$ 1,926	\$ 1,912	\$ 1,899	\$ 1,886	\$ 1,872	\$ 1,858	\$ 1,846			\$23,036
34																	
35	TECH DEVELOPMENT (20015939) (E)																
36	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827		
39																	
40	DEPRECIATION EXPENSE		364	364	364	364	364	364	364	364	364	364	364	364	364		4,368
41																	
42	CUMULATIVE INVESTMENT	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827	21,827		21,827
43	LESS: ACC. DEPRECIATION	6,039	6,403	6,767	7,131	7,495	7,859	8,223	8,587	8,951	9,315	9,679	10,043	10,407	10,407		10,407
44	NET INVESTMENT	15,788	15,424	15,060	14,696	14,332	13,968	13,604	13,240	12,876	12,512	12,148	11,784	11,420	11,420		11,420
45	AVERAGE INVESTMENT		15,606	15,242	14,878	14,514	14,150	13,786	13,422	13,058	12,694	12,330	11,966	11,602			
46	RETURN ON AVERAGE INVESTMENT		102	101	98	96	93	91	88	86	83	81	78	77			1,074
47																	
48	RETURN REQUIREMENTS		142	141	136	134	129	127	123	120	116	113	109	107			1,497
49																	
50	PROGRAM TOTAL		\$ 506	\$ 505	\$ 500	\$ 498	\$ 493	\$ 491	\$ 487	\$ 484	\$ 480	\$ 477	\$ 473	\$ 471			\$5,865

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

PROGRESS ENERGY FLORIDA  
 SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
 JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
 SCHEDULE C-2  
 PAGE 6 OF 7

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
1	STANDBY GENERATION (20021332) (D)															
2	INVESTMENT		\$ 0	\$ 0	\$ 49,726	\$ 0	\$ 0	\$ 49,726	\$ 0	\$ 0	\$ 49,726	\$ 0	\$ 0	\$ 49,726	\$ 198,903	
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	
4	DEPRECIATION BASE		117,723	117,723	142,586	167,449	167,449	192,312	217,175	217,175	242,037	266,900	266,900	291,763	0	
5																
6	DEPRECIATION EXPENSE		1,962	1,962	2,376	2,791	2,791	3,205	3,620	3,620	4,034	4,448	4,448	4,863	40,120	
7																
8	CUMULATIVE INVESTMENT	117,723	117,723	117,723	167,449	167,449	167,449	217,175	217,175	217,175	266,900	266,900	266,900	316,626	316,626	
9	LESS: ACC. DEPRECIATION	29,173	31,135	33,097	35,473	38,264	41,055	44,260	47,880	51,500	55,534	59,982	64,430	69,293	69,293	
10	NET INVESTMENT	88,550	86,588	84,626	131,976	129,185	126,394	172,915	169,295	165,675	211,366	206,918	202,470	247,333	247,333	
11	AVERAGE INVESTMENT		87,569	85,607	108,301	130,580	127,789	149,654	171,105	167,485	188,520	209,142	204,694	224,902		
12	RETURN ON AVERAGE INVESTMENT		575	563	712	857	839	983	1,124	1,100	1,238	1,374	1,345	1,477	12,187	
13																
14	RETURN REQUIREMENTS		801	784	991	1,194	1,169	1,369	1,565	1,532	1,724	1,913	1,873	2,057	16,972	
15																
16	PROGRAM TOTAL		\$ 2,763	\$ 2,746	\$ 3,367	\$ 3,985	\$ 3,960	\$ 4,574	\$ 5,185	\$ 5,152	\$ 5,758	\$ 6,361	\$ 6,321	\$ 6,920	\$57,092	
17																
18	INTERRUPTIBLE SERVICE (20015941) (D)															
19	INVESTMENT		\$ 0	\$ 0	\$ 17,671	\$ 0	\$ 0	\$ 17,671	\$ 0	\$ 0	\$ 17,671	\$ 0	\$ 0	\$ 17,671	\$70,685	
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	
21	DEPRECIATION BASE		151,596	151,596	160,431	169,267	169,267	178,103	186,938	186,938	195,774	204,609	204,609	213,445		
22																
23	DEPRECIATION EXPENSE		2,527	2,527	2,674	2,821	2,821	2,968	3,116	3,116	3,263	3,410	3,410	3,557	36,210	
24																
25	CUMULATIVE INVESTMENT	151,596	151,596	151,596	169,267	169,267	169,267	186,938	186,938	186,938	204,609	204,609	204,609	222,280	222,280	
26	LESS: ACC. DEPRECIATION	27,847	30,374	32,901	35,575	38,396	41,217	44,185	47,301	50,417	53,680	57,090	60,500	64,057	64,057	
27	NET INVESTMENT	123,749	121,222	118,695	133,692	130,871	128,050	142,753	139,637	136,521	150,929	147,519	144,109	158,223	158,223	
28	AVERAGE INVESTMENT		122,485	119,958	126,193	132,282	129,461	135,402	141,195	138,079	143,725	149,224	145,814	151,166		
29	RETURN ON AVERAGE INVESTMENT		804	788	829	869	851	889	927	907	944	980	958	993	10,739	
30																
31	RETURN REQUIREMENTS		1,120	1,098	1,154	1,210	1,185	1,238	1,291	1,263	1,315	1,365	1,334	1,383	14,956	
32																
33	PROGRAM TOTAL		\$ 3,647	\$ 3,625	\$ 3,828	\$ 4,031	\$ 4,006	\$ 4,206	\$ 4,407	\$ 4,379	\$ 4,578	\$ 4,775	\$ 4,744	\$ 4,940	\$51,166	
34																
35	COMMERCIAL SOLAR FOR SCHOOLS (E)															
36	INVESTMENT		\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$ 170,833	\$2,050,000	
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	
38	DEPRECIATION BASE		215,417	386,250	557,083	727,917	898,750	1,069,583	1,240,417	1,411,250	1,582,083	1,752,917	1,923,750	2,094,583		
39																
40	DEPRECIATION EXPENSE		3,590	6,438	9,285	12,132	14,979	17,826	20,674	23,521	26,368	29,215	32,063	34,910	231,001	
41																
42	CUMULATIVE INVESTMENT	130,000	300,833	471,667	642,500	813,333	984,167	1,155,000	1,325,833	1,496,667	1,667,500	1,838,333	2,009,167	2,180,000	2,180,000	
43	LESS: ACC. DEPRECIATION	3,250	6,840	13,278	22,563	34,695	49,674	67,500	88,174	111,695	138,063	167,278	199,341	234,251	234,251	
44	NET INVESTMENT	126,750	293,993	458,389	619,937	778,638	934,493	1,087,500	1,237,659	1,384,972	1,529,437	1,671,055	1,809,826	1,945,749	1,945,749	
45	AVERAGE INVESTMENT		210,372	376,191	539,163	699,288	856,566	1,010,996	1,162,580	1,311,316	1,457,204	1,600,246	1,740,441	1,877,787		
46	RETURN ON AVERAGE INVESTMENT		1,382	2,471	3,541	4,593	5,626	6,640	7,635	8,612	9,570	10,510	11,430	12,333	84,343	
47																
48	RETURN REQUIREMENTS		1,925	3,441	4,931	6,397	7,835	9,247	10,633	11,994	13,328	14,637	15,918	17,176	117,462	
49																
50	PROGRAM TOTAL		\$ 5,515	\$ 9,879	\$ 14,216	\$ 18,529	\$ 22,814	\$ 27,073	\$ 31,307	\$ 35,515	\$ 39,696	\$ 43,852	\$ 47,981	\$ 52,086	\$348,463	

NOTES:  
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 - RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.  
 - RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

PROGRESS ENERGY FLORIDA  
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
JANUARY 2011 - DECEMBER 2011

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
SCHEDULE C-2  
PAGE 7 OF 7

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
1	RESIDENTIAL ENERGY MANAGEMENT (20015943) (D)															
2	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	
5																
6	DEPRECIATION EXPENSE		21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	262,800
7																
8	CUMULATIVE INVESTMENT	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013
9	LESS: ACC. DEPRECIATION	515,278	537,178	559,078	580,978	602,878	624,778	646,678	668,578	690,478	712,378	734,278	756,178	778,078	778,078	778,078
10	NET INVESTMENT	798,735	776,835	754,935	733,035	711,135	689,235	667,335	645,435	623,535	601,635	579,735	557,835	535,935	535,935	535,935
11	AVERAGE INVESTMENT		787,785	765,885	743,985	722,085	700,185	678,285	656,385	634,485	612,585	590,685	568,785	546,885	546,885	
12	RETURN ON AVERAGE INVESTMENT		5,174	5,030	4,886	4,742	4,598	4,455	4,311	4,167	4,023	3,880	3,736	3,592	3,592	52,594
13																
14	RETURN REQUIREMENTS		7,206	7,005	6,805	6,604	6,404	6,205	6,004	5,804	5,603	5,404	5,203	5,002	5,002	73,249
15																
16	PROGRAM TOTAL		\$ 29,106	\$ 28,905	\$ 28,705	\$ 28,504	\$ 28,304	\$ 28,105	\$ 27,904	\$ 27,704	\$ 27,503	\$ 27,304	\$ 27,103	\$ 26,902	\$ 26,902	\$336,049
17																
18	LOAD MANAGEMENT SWITCHES (9080120) (D)															
19																
20	EXPENDITURES BOOKED DIRECTLY TO PLANT		\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,143	\$2,965,733
21	RETIREMENTS		89,558	52,114	124,699	36,850	100,579	52,316	345,576	63,869	33,824	161,598	113,151	168,798	134,293	1,342,931
22	INVESTMENTS BOOKED TO CWP		149,295	149,295	314,472	128,843	128,843	135,813	128,843	128,843	135,813	128,843	128,843	135,813	135,813	1,793,560
23	CLOSINGS TO PLANT															0
24	AMORTIZATION BASE		18,271,153	18,447,462	18,606,200	18,772,570	18,951,000	19,121,697	19,169,896	19,212,318	19,410,616	19,560,049	19,669,819	19,775,989	19,775,989	
25																
26	AMORTIZATION EXPENSE		304,520	307,458	310,104	312,877	315,851	318,696	319,499	320,206	323,511	326,001	327,831	329,600	329,600	3,816,154
27																
28	CUMULATIVE PLANT INVEST.	18,192,359	18,349,946	18,544,977	18,667,422	18,877,717	19,024,283	19,219,112	19,120,680	19,303,955	19,517,276	19,602,823	19,736,816	19,815,161	19,815,161	19,815,161
29	LESS: ACC. AMORT.	8,340,489	8,555,451	8,810,796	8,996,201	9,272,228	9,487,501	9,753,881	9,727,803	9,984,140	10,273,827	10,438,231	10,652,910	10,813,713	10,813,713	10,813,713
30	NET PLANT INVESTMENT	9,851,870	9,794,495	9,734,181	9,671,222	9,605,489	9,536,783	9,465,231	9,392,877	9,319,815	9,243,449	9,164,592	9,083,905	9,001,449	9,001,449	9,001,449
31	CUMULATIVE CWP INVEST.	993,629	1,142,924	1,292,219	1,606,691	1,735,534	1,864,378	2,000,190	2,129,034	2,257,877	2,393,690	2,522,533	2,651,377	2,787,189	2,787,189	2,787,189
32	NET CWP INVESTMENT		1,142,924	1,292,219	1,606,691	1,735,534	1,864,378	2,000,190	2,129,034	2,257,877	2,393,690	2,522,533	2,651,377	2,787,189	2,787,189	2,787,189
33	AVERAGE INVESTMENT		10,891,459	10,981,909	11,152,156	11,309,468	11,371,092	11,433,291	11,493,666	11,549,801	11,607,415	11,662,132	11,711,204	11,761,960	11,761,960	
34	RETURN ON AVG. INVEST.		71,530	72,123	73,242	74,275	74,680	75,088	75,485	75,854	76,232	76,591	76,913	77,247	77,247	899,260
35																
36	RETURN REQUIREMENTS		99,619	100,445	102,004	103,443	104,006	104,575	105,127	105,641	106,168	106,668	107,116	107,581	107,581	1,252,393
37																
38	PROGRAM TOTAL		\$ 404,139	\$ 407,903	\$ 412,108	\$ 416,320	\$ 419,857	\$ 423,271	\$ 424,626	\$ 425,847	\$ 429,679	\$ 432,669	\$ 434,947	\$ 437,181	\$ 437,181	\$5,068,547
39																
40	SUMMARY OF DEMAND & ENERGY:															
41																
42	ENERGY		11,007	15,338	19,636	23,912	28,159	32,383	36,582	40,752	44,896	49,016	54,415	59,788	59,788	415,884
43	DEMAND		439,655	443,179	448,008	452,840	456,127	460,156	462,122	463,082	467,518	471,109	473,115	475,943	475,943	5,512,854
44	TOTAL DEPRECIATION AND RETURN		450,662	458,517	467,644	476,752	484,286	492,539	498,704	503,834	512,414	520,125	527,530	535,731	535,731	5,928,738

NOTES:  
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- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%



PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
 JANUARY through JULY, 2010 ACTUAL  
 AUGUST through DECEMBER, 2010 ESTIMATED

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
 SCHEDULE C - 3  
 PAGE 1 OF 10

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OPERATING AND MAINTENANCE COSTS					PROGRAM REVENUES (CREDITS)	TOTAL
					OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	BETTER BUSINESS										
2	A. ACTUAL	\$3,772	\$67,622	\$0	\$800	\$0	\$43,392	\$1,002,964	\$3,500	\$0	\$1,122,050
3	B. ESTIMATED	2,949	212,967	0	35,760	33,639	29,515	867,558	22,745	0	1,205,133
4											
5	C. TOTAL	6,721	280,589	0	36,560	33,639	72,907	1,870,522	26,245	0	2,327,183
6											
7	RESIDENTIAL NEW CONSTRUCTION										
8	A. ACTUAL	\$0	\$374,833	\$0	\$41,439	\$2,885	\$46,667	\$672,255	\$34,132	\$0	\$1,172,211
9	B. ESTIMATED	0	486,242	0	34,702	3,931	41,405	216,341	40,322	0	822,944
10											
11	C. TOTAL	0	861,075	0	76,141	6,816	88,072	888,596	74,454	0	1,995,155
12											
13	HOME ENERGY IMPROVEMENT										
14	A. ACTUAL	\$12,856	\$776,549	\$0	\$103,303	\$7,068	\$631,954	\$3,549,825	\$58,112	\$0	\$5,139,667
15	B. ESTIMATED	9,043	834,808	0	167,023	10,907	751,400	3,248,830	45,215	0	5,067,226
16											
17	C. TOTAL	21,899	1,611,357	0	270,326	17,975	1,383,354	6,798,655	103,327	0	10,206,893
18											
19	C/I NEW CONSTRUCTION										
20	A. ACTUAL	\$0	\$33,746	\$0	\$0	\$0	\$23,467	\$243,964	\$659	\$0	\$301,835
21	B. ESTIMATED	0	179,281	0	19,560	33,358	15,961	269,270	20,885	0	538,315
22											
23	C. TOTAL	0	213,027	0	19,560	33,358	39,428	513,234	21,544	0	840,150
24											
25	HOME ENERGY CHECK										
26	A. ACTUAL	\$385	\$2,040,857	\$0	\$86,811	\$149,726	\$1,066,684	\$346	\$135,734	\$0	\$3,480,543
27	B. ESTIMATED	266	2,001,808	0	282,230	351,528	2,042,348	0	200,608	0	4,878,788
28											
29	C. TOTAL	651	4,042,665	0	369,041	501,254	3,109,032	346	336,342	0	8,359,331
30											
31	LOW INCOME										
32	A. ACTUAL	\$0	\$37,365	\$0	\$2,943	\$6,891	\$18,648	\$61,262	\$413	\$0	\$127,522
33	B. ESTIMATED	0	100,640	0	0	0	6,082	18,738	8,032	0	133,492
34											
35	C. TOTAL	0	138,005	0	2,943	6,891	24,730	80,000	8,445	0	261,014

PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
 JANUARY through JULY, 2010 ACTUAL  
 AUGUST through DECEMBER, 2010 ESTIMATED

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
 SCHEDULE C - 3  
 PAGE 2 OF 10

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	RENEWABLE ENERGY SAVER										
2	A. ACTUAL	\$0	\$88,302	\$0	\$0	\$1,090	\$19,665	\$485,413	\$3,283	\$0	\$597,753
3	B. ESTIMATED	0	76,479	0	0	1,090	44,069	324,477	5,014	0	451,128
4											
5	C. TOTAL	0	164,781	0	0	2,181	63,734	809,889	8,296	0	1,048,881
6											
7	NEIGHBORHOOD ENERGY SAVER										
8	A. ACTUAL	\$0	\$83,016	\$0	\$8,088	\$1,591	\$12,293	\$637,708	\$29,063	\$0	\$771,759
9	B. ESTIMATED	0	155,975	0	9,558	1,782	3,173	325,292	0	0	495,780
10											
11	C. TOTAL	0	238,990	0	17,647	3,373	15,466	963,000	29,063	0	1,267,539
12											
13	BUSINESS ENERGY CHECK										
14	A. ACTUAL	\$0	\$654,048	\$0	\$431,013	\$14,165	\$47,722	\$0	\$48,611	\$0	\$1,195,559
15	B. ESTIMATED	697	713,159	0	461,757	19,505	63,792	0	205,198	0	1,464,108
16											
17	C. TOTAL	697	1,367,206	0	892,770	33,670	111,514	0	253,809	0	2,659,666
18											
19	QUALIFYING FACILITY										
20	A. ACTUAL	\$0	\$341,514	\$0	\$0	\$300	\$0	\$0	\$3,287	\$0	\$345,101
21	B. ESTIMATED	0	292,348	0	50,000	3,768	0	0	28,473	0	374,589
22											
23	C. TOTAL	0	633,862	0	50,000	4,068	0	0	31,760	0	719,690
24											
25	INNOVATION INCENTIVE										
26	A. ACTUAL	\$0	\$9,991	\$0	\$1,024	\$0	\$0	\$0	\$88	\$0	\$11,103
27	B. ESTIMATED	0	38,684	0	2,239	0	0	20,000	85	0	61,008
28											
29	C. TOTAL	0	48,675	0	3,263	0	0	20,000	173	0	72,111
30											
31	TECHNOLOGY DEVELOPMENT										
32	A. ACTUAL	\$2,730	\$161,641	\$0	\$63,407	\$1,721	\$0	\$0	\$192,776	\$0	\$422,275
33	B. ESTIMATED	2,307	187,414	0	93,716	2,001	0	0	83,991	0	369,429
34											
35	C. TOTAL	5,037	349,055	0	157,123	3,722	0	0	276,767	0	791,703

PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
 JANUARY through JULY, 2010 ACTUAL  
 AUGUST through DECEMBER, 2010 ESTIMATED

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
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LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	OPERATING AND MAINTENANCE COSTS						PROGRAM REVENUES (CREDITS)	TOTAL
				VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	STANDBY GENERATION										
2	A. ACTUAL	\$20,467	\$108,953	\$0	\$6,773	\$708	\$0	\$1,169,319	\$11,786	\$0	\$1,318,006
3	B. ESTIMATED	14,085	93,265	0	3,362	593	0	980,681	9,328	0	1,101,314
4											
5	C. TOTAL	34,552	202,218	0	10,135	1,301	0	2,150,000	21,114	0	2,419,320
6											
7	INTERRUPT LOAD MANAGEMENT										
8	A. ACTUAL	\$12,972	\$39,527	\$0	\$2,731	\$316	\$0	\$10,609,123	\$3,311	\$0	\$10,667,980
9	B. ESTIMATED	13,565	23,351	0	0	0	0	8,390,877	7,342	0	8,435,134
10											
11	C. TOTAL	26,537	62,877	0	2,731	316	0	19,000,000	10,653	0	19,103,114
12											
13	CURTAIL LOAD MANAGEMENT										
14	A. ACTUAL	\$0	\$4,088	\$0	\$0	\$0	\$0	\$388,573	\$537	\$0	\$393,199
15	B. ESTIMATED	0	1,876	0	0	0	0	451,427	162	0	453,464
16											
17	C. TOTAL	0	5,964	0	0	0	0	840,000	698	0	846,662
18											
19	RESIDENTIAL LOAD MANAGEMENT										
20	A. ACTUAL	\$2,801,665	\$829,741	\$0	\$673,791	\$4,518	\$269,560	\$12,790,933	\$42,520	\$0	\$17,412,728
21	B. ESTIMATED	2,096,557	1,719,162	0	1,018,073	4,511	293,182	6,768,688	812,025	0	12,712,198
22											
23	C. TOTAL	4,898,222	2,548,904	0	1,691,864	9,029	562,742	19,559,621	854,545	0	30,124,926
24											
25	COMMERCIAL LOAD MANAGEMENT										
26	A. ACTUAL	\$0	\$35	\$0	\$0	\$0	\$0	\$376,382	\$0	\$0	\$376,417
27	B. ESTIMATED	0	35	0	0	0	0	273,618	0	0	273,652
28											
29	C. TOTAL	0	69	0	0	0	0	650,000	0	0	650,069
30											
31	CONSERVATION PROGRAM ADMIN										
32	A. ACTUAL	\$10,167	\$2,188,971	\$0	\$565,822	\$70,562	\$198,978	\$0	\$697,539	\$0	\$3,732,039
33	B. ESTIMATED	9,165	2,621,187	0	1,114,263	233,270	181,732	0	1,092,274	0	5,251,892
34											
35	C. TOTAL	19,332	4,810,159	0	1,680,085	303,832	380,710	0	1,789,813	0	8,983,931

PROGRESS ENERGY FLORIDA  
 CONSERVATION PROGRAM COSTS  
 JANUARY through JULY, 2010 ACTUAL  
 AUGUST through DECEMBER, 2010 ESTIMATED

DOCKET NO. 100002-EG  
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 GARY R FREEMAN  
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LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	SOLAR WATER HEATING WITH EM										
2	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	B. ESTIMATED	0	2,400	0	0	0	0	0	0	0	2,400
4											
5	C. TOTAL	0	2,400	0	0	0	0	0	0	0	2,400
6											
7	RESIDENTIAL SOLAR PHOTOVOLTAIC										
8	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	B. ESTIMATED	0	2,400	0	0	0	0	50,000	0	0	52,400
10											
11	C. TOTAL	0	2,400	0	0	0	0	50,000	0	0	52,400
12											
13	SOLAR WATER HEAT LOW INCOME RES										
14	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	B. ESTIMATED	0	2,400	0	0	0	0	0	0	0	2,400
16											
17	C. TOTAL	0	2,400	0	0	0	0	0	0	0	2,400
18											
19	COMMERCIAL SOLAR PHOTOVOLTAIC										
20	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	B. ESTIMATED	0	2,400	0	0	0	0	50,000	0	0	52,400
22											
23	C. TOTAL	0	2,400	0	0	0	0	50,000	0	0	52,400
24											
25	PHOTOVOLTAIC FOR SCHOOLS										
26	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	B. ESTIMATED	4,536	13,000	0	0	0	0	0	0	0	17,536
28											
29	C. TOTAL	4,536	13,000	0	0	0	0	0	0	0	17,536
30											
31	RESEARCH AND DEMONSTRATION										
32	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	B. ESTIMATED	0	2,400	0	0	0	0	0	0	0	2,400
34											
35	C. TOTAL	0	2,400	0	0	0	0	0	0	0	2,400
36											
37	TOTAL ALL PROGRAMS	\$5,018,184	\$17,604,479	\$0	\$5,280,189	\$961,425	\$5,851,689	\$54,243,863	\$3,847,047	\$0	\$92,806,877

PROGRESS ENERGY FLORIDA  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
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GARY R FREEMAN  
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LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	<b>BETTER BUSINESS (20015937) (E)</b>													
2		\$24,059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,059
3		0	0	0	0	0	0	0	0	0	0	0	0	0
4		12,029	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
5														
6		0	401	401	401	401	401	401	401	401	401	401	401	4,411
7														
8	0	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
9	0	0	401	802	1,203	1,604	2,005	2,406	2,807	3,208	3,609	4,010	4,411	4,411
10	0	24,059	23,658	23,257	22,856	22,455	22,054	21,653	21,252	20,851	20,450	20,049	19,648	19,648
11		12,029	23,858	23,457	23,056	22,655	22,254	21,853	21,452	21,051	20,650	20,249	19,848	19,848
12		79	157	154	152	149	146	144	141	138	136	133	131	1,660
13														
14		110	219	214	212	207	203	201	196	192	189	185	182	2,310
15														
16		\$110	\$620	\$615	\$613	\$608	\$604	\$602	\$597	\$593	\$590	\$586	\$583	\$6,721
17														
18	<b>HOME ENERGY IMPROVEMENT (20015934) (E)</b>													
19		\$28,783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,783
20		7,578	0	0	0	0	0	0	0	0	0	0	0	7,578
21		68,271	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
22														
23		1,138	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	15,603
24														
25	57,669	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
26	20,200	13,759	15,074	16,389	17,704	19,019	20,334	21,649	22,964	24,279	25,594	26,909	28,224	28,224
27	37,470	65,115	63,800	62,485	61,170	59,855	58,540	57,225	55,910	54,595	53,280	51,965	50,650	50,650
28		51,292	64,457	63,142	61,827	60,512	59,197	57,882	56,567	55,252	53,937	52,622	51,307	51,307
29		337	424	414	406	398	389	380	371	363	355	345	337	4,519
30														
31		470	590	577	566	554	542	529	517	506	494	481	470	6,296
32														
33		\$1,808	\$1,905	\$1,892	\$1,881	\$1,869	\$1,857	\$1,844	\$1,832	\$1,821	\$1,809	\$1,798	\$1,785	\$21,899
34														
35	<b>HOME ENERGY CHECK (20015932) (E)</b>													
36		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37		0	0	0	0	0	0	0	0	0	0	0	0	0
38		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
39														
40		43	43	43	43	43	43	43	43	43	43	43	43	516
41														
42	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
43	1,088	1,131	1,174	1,217	1,260	1,303	1,346	1,389	1,432	1,475	1,518	1,561	1,604	1,604
44	1,472	1,429	1,386	1,343	1,300	1,257	1,214	1,171	1,128	1,085	1,042	999	956	956
45		1,451	1,408	1,365	1,322	1,279	1,236	1,193	1,150	1,107	1,064	1,021	978	978
46		10	9	9	8	8	8	8	8	8	7	7	6	96
47														
48		14	13	13	11	11	11	11	11	11	10	10	9	135
49														
50		\$57	\$56	\$56	\$54	\$54	\$54	\$54	\$54	\$54	\$53	\$53	\$52	\$651

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.  
- 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 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
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LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	<b>BUSINESS ENERGY CHECK (20015936) (E)</b>													
2	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,000	\$0	\$23,000
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0	11,500	23,000	0
5														
6	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	383	383
7														
8	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	23,000	23,000	23,000
9	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	383	383
10	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	23,000	22,617	22,617
11	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0	11,500	22,809	0
12	RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0	75	150	225
13														
14	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0	105	209	314
15														
16	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$592	\$697
17														
18	<b>TECHNOLOGY DEVELOPMENT (20015939) (E)</b>													
19	INVESTMENTS	\$0	\$11,311	\$1,630	\$0	\$305	\$0	\$0	\$0	\$0	\$0	\$0	\$2,356	\$15,603
20	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE	6,224	11,879	18,350	19,166	19,318	19,471	19,471	19,471	19,471	19,471	19,471	20,649	0
22														
23	DEPRECIATION EXPENSE	104	198	306	319	322	325	325	325	325	325	325	344	3,543
24														
25	CUMM. NET INVEST	6,224	6,224	17,535	19,166	19,166	19,471	19,471	19,471	19,471	19,471	19,471	21,827	21,827
26	LESS: ACC. NET DEPR	2,496	2,800	2,798	3,104	3,423	3,745	4,070	4,395	5,045	5,370	5,695	6,039	6,039
27	NET INVESTMENT	3,728	3,624	14,737	16,062	15,743	15,726	15,401	15,076	14,751	14,426	14,101	13,776	15,788
28	AVERAGE INVESTMENT	3,676	3,676	9,180	15,399	15,902	15,734	15,563	15,238	14,913	14,588	14,263	13,938	14,782
29	RETURN ON AVG INVEST	24	61	101	104	104	102	100	98	98	98	94	91	97
30														
31	RETURN REQUIREMENTS	33	85	141	145	145	142	140	136	134	131	127	135	1,494
32														
33	PROGRAM TOTAL	\$137	\$283	\$447	\$484	\$467	\$467	\$465	\$461	\$459	\$456	\$452	\$479	\$5,037
34														
35	<b>STANDBY GENERATION (20021332) (D)</b>													
36	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	0
39														
40	DEPRECIATION EXPENSE	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	23,544
41														
42	CUMM. NET INVEST	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723
43	LESS: ACC. NET DEPR	5,829	7,591	9,553	11,515	13,477	15,439	17,401	19,363	21,325	23,287	25,249	27,211	29,173
44	NET INVESTMENT	112,094	110,132	108,170	106,208	104,246	102,284	100,322	98,380	96,398	94,436	92,474	90,512	88,550
45	AVERAGE INVESTMENT	111,113	111,113	109,151	107,189	105,227	103,265	101,303	99,341	97,379	95,417	93,455	91,493	89,531
46	RETURN ON AVG INVEST	729	729	717	704	691	678	665	652	640	627	614	601	588
47														
48	RETURN REQUIREMENTS	1,015	998	980	962	944	926	908	891	873	855	837	819	11,008
49														
50	PROGRAM TOTAL	\$2,977	\$2,960	\$2,942	\$2,924	\$2,906	\$2,888	\$2,870	\$2,853	\$2,835	\$2,817	\$2,799	\$2,781	\$34,552

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.  
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PROGRESS ENERGY FLORIDA  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010

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GARY R FREEMAN  
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LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	INTERRUPTIBLE SERVICE (20015941) (D)													
2	INVESTMENTS	\$0	\$0	(\$6,097)	\$0	\$0	\$0	\$0	\$15,400	\$15,400	\$15,400	\$15,400	\$15,400	\$70,903
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	80,692	80,692	77,644	74,596	74,596	74,596	74,596	82,296	97,696	113,096	128,496	143,896	
5	DEPRECIATION EXPENSE	1,345	1,345	1,294	1,243	1,243	1,243	1,243	1,372	1,628	1,885	2,142	2,388	18,381
6														
7	CUMM. NET INVEST	80,692	80,692	74,596	74,596	74,596	74,596	74,596	89,996	105,396	120,796	136,196	151,596	151,596
8	LESS: ACC. NET DEPR	9,466	10,811	12,156	13,450	14,693	15,936	17,179	18,422	19,794	21,422	23,307	25,449	27,847
9	NET INVESTMENT	71,226	69,881	68,536	61,146	59,903	58,660	57,417	56,174	70,202	83,974	97,489	110,747	123,749
10	AVERAGE INVESTMENT		70,554	69,209	64,841	60,524	59,281	58,038	56,795	63,188	77,088	90,731	104,118	117,248
11	RETURN ON AVG INVEST		464	454	426	398	389	381	373	414	507	596	684	771
12	RETURN REQUIREMENTS		646	632	593	554	542	530	519	577	706	830	953	1,074
13														8,156
14	PROGRAM TOTAL		\$1,991	\$1,977	\$1,887	\$1,797	\$1,785	\$1,773	\$1,762	\$1,949	\$2,334	\$2,715	\$3,095	\$3,472
15														\$26,537
16	RESIDENTIAL ENERGY MANAGEMENT (20015943) (D)													
17	INVESTMENTS	\$33,316	\$34,571	\$0	\$0	\$0	\$0	\$0	\$46,043	\$46,043	\$46,043	\$46,043	\$46,043	\$298,100
18	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
19	DEPRECIATION BASE	1,032,571	1,066,515	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,106,822	1,152,864	1,198,907	1,244,949	1,290,992	
20	DEPRECIATION EXPENSE	17,210	17,775	18,063	18,063	18,063	18,063	18,063	18,447	19,214	19,882	20,749	21,517	225,209
21														
22	CUMM. NET INVEST	1,015,913	1,049,229	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,129,843	1,175,885	1,221,928	1,267,971	1,314,013	1,314,013
23	LESS: ACC. NET DEPR	290,069	307,279	325,054	343,117	361,180	379,243	397,306	415,369	433,816	453,030	473,012	493,761	515,278
24	NET INVESTMENT	725,844	741,950	758,746	740,683	722,620	704,557	686,494	668,431	696,027	722,855	748,916	774,210	798,735
25	AVERAGE INVESTMENT		733,897	750,348	749,715	731,652	713,589	695,526	677,463	682,229	709,441	735,886	761,563	788,472
26	RETURN ON AVG INVEST		4,820	4,927	4,924	4,805	4,686	4,568	4,449	4,481	4,659	4,833	5,002	5,165
27	RETURN REQUIREMENTS		6,713	6,862	6,858	6,692	6,526	6,362	6,196	6,241	6,488	6,731	6,966	7,193
28														79,828
29	PROGRAM TOTAL		\$23,923	\$24,637	\$24,921	\$24,755	\$24,589	\$24,425	\$24,259	\$24,688	\$25,702	\$26,713	\$27,715	\$28,710
30														\$305,037
31	COMMERCIAL SOLAR FOR SCHOOLS (E)													
32	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000	\$0	\$130,000
33	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
34	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0	65,000	130,000	
35	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	1,083	2,167	3,250
36														
37	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	130,000	130,000	130,000
38	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	1,083	3,250	3,250
39	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	128,917	126,750	126,750
40	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	64,459	127,834	
41	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	424	840	1,264
42	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	431	855	1,286
43														
44	PROGRAM TOTAL		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,514	\$3,022	\$4,536

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.  
- 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 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
PROGRESS ENERGY FLORIDA  
GARY R FREEMAN  
EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
SCHEDULE C-3  
PAGE 8 OF 10

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	ENERGY CONSERVATION ADMIN (20015935) (E)													
2	INVESTMENTS	\$0	\$0	\$0	\$0	\$31,365	\$0	\$0	\$0	\$0	\$0	\$11,000	\$0	\$42,365
3	RETIREMENTS	0	0	26,590	0	0	0	0	0	0	0	0	0	26,590
4	DEPRECIATION BASE	72,884	72,884	59,588	46,293	61,976	77,659	77,659	77,659	77,659	77,659	83,159	88,659	
5														
6	DEPRECIATION EXPENSE	1,215	1,215	993	772	1,033	1,294	1,294	1,294	1,294	1,294	1,386	1,478	14,562
7														
8	CUMM. NET INVEST	72,884	72,884	72,884	46,293	46,293	77,659	77,659	77,659	77,659	77,659	88,659	88,659	88,659
9	LESS: ACC. NET DEPR	43,525	44,740	45,955	20,358	21,130	22,163	23,457	24,751	26,045	27,339	28,633	30,019	31,497
10	NET INVESTMENT	29,359	28,144	26,929	25,936	25,164	55,496	54,202	52,908	51,614	50,320	49,026	58,640	57,162
11	AVERAGE INVESTMENT	28,751	27,536	26,432	25,550	40,330	54,849	53,555	52,261	50,967	49,673	53,833	57,901	
12	RETURN ON AVG INVEST	189	181	174	168	265	360	352	344	334	326	353	380	3,426
13														
14	RETURN REQUIREMENTS	263	252	242	234	369	501	490	479	465	454	492	529	4,770
15														
16	PROGRAM TOTAL	\$1,478	\$1,467	\$1,235	\$1,006	\$1,402	\$1,795	\$1,784	\$1,773	\$1,759	\$1,748	\$1,878	\$2,007	\$19,332
17														
18	LOAD MANAGEMENT SWITCHES (9080120) (D)													
19														
20	EXPENDITURES BOOKED DIRECTLY TO PLANT	\$65,340	\$82,143	\$120,805	\$176,597	\$153,708	\$121,741	\$216,004	\$273,732	\$273,732	\$273,732	\$273,732	\$273,732	\$2,305,000
21	RETIREMENTS	(143,655)	41,908	56,128	44,078	26,607	21,841	21,033	14,617	20,203	304,379	54,728	45,139	507,005
22	INVESTMENTS BOOKED TO CWMP	-	-	-	9,985	37,336	54,089	283,588	111,518	111,518	111,518	137,038	137,038	993,629
23	CLOSINGS TO PLANT													
24	AMORTIZATION BASE	16,498,862	16,623,477	16,675,933	16,774,531	16,904,342	17,017,843	17,165,278	17,392,321	17,648,643	17,760,085	17,854,264	18,078,063	
25														
26	AMORTIZATION EXPENSE	274,982	277,059	277,933	279,576	281,740	283,631	286,089	289,873	294,145	296,002	297,572	301,302	3,439,904
27														
28	CUMULATIVE PLANT INVEST.	16,394,365	16,603,359	16,643,594	16,708,272	16,840,791	16,967,893	17,067,793	17,262,763	17,521,879	17,775,408	17,744,761	17,963,766	18,192,359
29	LESS: ACC. AMORT.	5,407,590	5,826,227	6,061,379	6,283,184	6,518,682	6,773,816	7,035,605	7,300,661	7,575,917	7,849,859	7,841,482	8,084,326	8,340,489
30	NET PLANT INVESTMENT	10,986,774	10,777,132	10,582,216	10,425,088	10,322,109	10,194,077	10,032,188	9,962,102	9,945,962	9,925,549	9,903,279	9,879,440	9,851,870
31	CUMULATIVE CWMP INVEST.	-	-	-	9,985	47,321	101,411	384,999	496,517	608,035	719,553	856,591	993,629	993,629
32	NET CWMP INVESTMENT	-	-	-	9,985	47,321	101,411	384,999	496,517	608,035	719,553	856,591	993,629	993,629
33	AVERAGE INVESTMENT	10,881,953	10,679,674	10,503,652	10,378,591	10,286,746	10,187,499	10,240,350	10,394,790	10,488,031	10,578,208	10,678,432	10,790,765	
34	RETURN ON AVG. INVEST.	71,467	70,139	68,962	68,162	67,559	66,906	67,253	68,267	68,880	69,473	70,137	70,868	828,093
35														
36	RETURN REQUIREMENTS	99,532	97,682	96,071	94,929	94,089	93,180	93,663	95,075	95,929	96,755	97,679	98,697	1,153,281
37														
38	PROGRAM TOTAL	\$374,514	\$374,741	\$374,004	\$374,505	\$375,829	\$376,811	\$379,752	\$384,948	\$390,074	\$392,757	\$395,251	\$399,999	\$4,593,185
39														
40	<b>SUMMARY OF DEMAND &amp; ENERGY:</b>													
41														
42	ENERGY	\$ 3,390	\$ 4,331	\$ 4,245	\$ 4,018	\$ 4,400	\$ 4,777	\$ 4,749	\$ 4,717	\$ 4,686	\$ 4,656	\$ 6,384	\$ 8,520	\$ 58,873
43	DEMAND	403,405	404,315	403,754	403,981	405,109	405,897	408,643	414,438	420,945	425,002	428,860	434,962	4,959,311
44	TOTAL DEPRECIATION AND RETURN	\$ 406,795	\$ 408,646	\$ 407,999	\$ 407,999	\$ 409,509	\$ 410,874	\$ 413,392	\$ 419,155	\$ 425,631	\$ 429,858	\$ 435,244	\$ 443,482	\$ 5,018,184

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 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%



**PROGRESS ENERGY FLORIDA**  
**ENERGY CONSERVATION ADJUSTMENT**  
**CALCULATION OF TRUE-UP**  
**FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010**

**DOCKET NO. 100002-EG**  
**PROGRESS ENERGY FLORIDA**  
**GARY R FREEMAN**  
**EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)**  
**SCHEDULE C-3**  
**PAGE 9 OF 10**

LINE NO.	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	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	0	0	0	0	0	0	0	0
1D SUBTOTAL - FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CONSERVATION CLAUSE REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
2A CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
4 PRIOR PERIOD TRUE-UP OVER/(UNDER)	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	8,180,852	7,184,500	7,406,863	6,553,684	7,468,470	8,906,048	9,268,374	9,260,842	9,119,061	8,061,062	6,920,432	6,696,213	95,026,402
6 CONSERVATION EXPENSES (C-3, PAGE 4, LINE 37)	6,773,155	7,161,454	8,186,942	6,369,339	6,653,300	7,292,222	6,151,334	8,807,347	8,845,073	8,849,100	8,854,686	8,862,924	92,806,877
7 TRUE-UP THIS PERIOD (O)/U	(1,407,697)	(23,046)	780,078	(184,345)	(815,170)	(1,613,827)	(3,117,040)	(453,495)	(273,988)	788,038	1,934,254	2,166,711	(2,219,525)
8 CURRENT PERIOD INTEREST	(257)	(534)	(453)	(390)	(565)	(1,011)	(1,502)	(1,714)	(1,761)	(1,664)	(1,308)	(792)	(11,971)
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	(1,951,910)	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,916)	(2,791,012)	(4,243,191)	(7,199,073)	(7,491,623)	(7,604,714)	(6,655,681)	(4,560,074)	(1,951,910)
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	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
12 END OF PERIOD NET TRUE-UP	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,916)	(2,791,012)	(4,243,191)	(7,199,073)	(7,491,623)	(7,604,714)	(6,655,681)	(4,560,074)	(2,231,495)	(2,231,495)

PROGRESS ENERGY FLORIDA  
 CALCULATION OF INTEREST PROVISION  
 FOR THE PERIOD JANUARY 2010 THROUGH DECEMBER 2010

DOCKET NO. 100002-EG  
 PROGRESS ENERGY FLORIDA  
 GARY R FREEMAN  
 EXHIBIT NO. \_\_\_\_\_ (GRF-1PA-2)  
 SCHEDULE C-3  
 PAGE 10 OF 10

LINE NO.	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL FOR THE PERIOD
1 BEGINNING TRUE-UP AMOUNT (C3,PAGE 8, LINE 9 & 10)	(1,951,910)	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,916)	(2,791,012)	(4,243,191)	(7,199,073)	(7,491,623)	(7,604,714)	(6,655,681)	(4,560,074)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(3,196,948)	(3,057,592)	(2,115,388)	(2,137,526)	(2,790,427)	(4,242,180)	(7,197,571)	(7,489,909)	(7,602,953)	(6,654,017)	(4,558,766)	(2,230,703)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(5,148,858)	(6,254,796)	(5,173,514)	(4,253,366)	(4,928,343)	(7,033,192)	(11,440,762)	(14,688,982)	(15,094,576)	(14,258,730)	(11,214,447)	(6,790,778)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,574,429)	(3,127,398)	(2,586,757)	(2,126,683)	(2,464,171)	(3,516,596)	(5,720,381)	(7,344,491)	(7,547,288)	(7,129,365)	(5,607,224)	(3,395,389)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.04%	0.20%	0.21%	0.21%	0.23%	0.34%	0.35%	0.28%	0.28%	0.28%	0.28%	0.28%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.20%	0.21%	0.21%	0.23%	0.34%	0.35%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	
7 TOTAL (LINE 5 AND LINE 6)	0.24%	0.41%	0.42%	0.44%	0.57%	0.69%	0.63%	0.56%	0.56%	0.56%	0.56%	0.56%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	0.120%	0.205%	0.210%	0.220%	0.285%	0.345%	0.315%	0.280%	0.280%	0.280%	0.280%	0.280%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(257)	(534)	(453)	(390)	(585)	(1,011)	(1,502)	(1,714)	(1,761)	(1,664)	(1,308)	(792)	(11,971)

**CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES  
 FOR THE PERIOD: JANUARY 2011 THROUGH DECEMBER 2011**

<u>MONTH</u>	<u>JURISDICTIONAL MWH SALES</u>	<u>CLAUSE REVENUE NET OF REVENUE TAXES</u>
JANUARY	2,789,019	\$7,269,379
FEBRUARY	2,593,156	\$6,977,340
MARCH	2,526,179	\$6,832,601
APRIL	2,634,860	\$7,025,915
MAY	2,811,728	\$7,786,993
JUNE	3,387,889	\$9,003,100
JULY	3,595,865	\$9,585,309
AUGUST	3,663,361	\$9,826,013
SEPTEMBER	3,683,342	\$9,682,946
OCTOBER	3,271,718	\$8,503,042
NOVEMBER	2,783,934	\$7,236,038
DECEMBER	2,635,430	\$6,921,635
<b>TOTAL</b>	<u><u>36,376,481</u></u>	<u><u>\$96,650,311</u></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 (Progress Energy) 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. Home Energy Check serves as the foundation of the residential Home Energy Improvement Program and it is a program requirement for participation. There are six types of energy audits: the free walk-through, the more comprehensive paid walk-through (\$15 charge), the energy rating (Energy Gauge), the mail-in audit, a web-based audit and a phone assisted audit.

**Program Projections for January 2011 through December 2011:** It is estimated that 57,000 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$9,302,419.

**Program Progress Summary:** As of July 31, 2010 there have been 37,966 customers that have participated in this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this rate. 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 2011 through December 2011:** It is estimated that 48,965 completions will be performed in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$14,150,624.

**Program Progress Summary:** As of July 31, 2010 there have been 34,973 measure installations that have taken place as a result of this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this subscription rate. This program will continue to be offered to residential customers 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 Florida Energy 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 family, multi-family, 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 2011 through December 2011:** It is estimated that 11,270 homes representing 200 builders will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$2,532,296.

**Program Progress Summary:** As of July 31, 2010 there have been 6,574 measure installations that have taken place as a result of this program. 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:** Neighborhood Energy Saver Program

**Program Description:** The Neighborhood Energy Saver Program was designed to assist low-income families with escalating energy costs. The goal is to implement a comprehensive package of electric conservation measures in the homes of eligible customers. In addition to the installation of these measures, an important component of this program is educating families on energy efficiency techniques and best practices to help them change their behavior and empower them to control their energy usage.

**Program Projections January 2011 through December 2011:** It is estimated that 3,000 households will participate in the Neighborhood Energy Saver Program.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$1,249,927.

**Program Progress Summary:** As of July 31, 2010 there have been 2,030 households that have participated in this program.

### Program Description and Progress

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

**Program Description:** The program goal is to integrate Progress Energy'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 2011 through December 2011:** It is estimated that 1,500 measures provided by 9 agencies will be installed during 2011.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$308,209.

**Program Progress Summary:** As of July 31, 2010 there have been 1,268 measures that have been installed under this program.



### Program Description and Progress

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

**Program Description:** The Energy Management 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. The commercial program was closed to new participants as of May 12, 2000.

The current direct load control (DLC) one-way communications and appliance switching infrastructure that allows Progress Energy to shed an estimated 700 MW of winter peak demand is becoming obsolete. Major infrastructure maintenance and system upgrades are necessary to continue to ensure the availability of the existing 700 MW of direct load control capacity to support additional capacity in the future.

Progress Energy's existing system is a one-way communications (paging) direct load control program with no direct feedback. It provides Progress Energy with about 700 MW of Winter load reduction and 300 MW of Summer load. Close to 400,000 customers currently participate in the program requiring over 520,000 control switches, the majority being original analog switches.

Progress Energy is continuing with the systemic change out of antiquated equipment and replacement with a digital two-way communications based system that will be compatible with future Smart Grid technologies. Progress Energy believes the appropriate "Smart Grid" compatible technology will greatly enhance the ability to maintain the existing levels of load under control.

### Program Description and Progress

Progress Energy will continue with a scaled deployment to transition the existing one-way residential direct load control infrastructure to a “Smart Grid” compatible system.

**Program Projections for January 2011 through December 2011:** During this period we anticipate adding 7,700 new participants.

**Program Fiscal Expenditures for January 2011 through December 2011:** Program expenditures during this period are projected to be \$23,392,522.

**Program Progress Summary:** As of July 31, 2010 there are 372,479 customers participating in the Energy Management program. Through July 31, 2010, a total of 4,310 new participant installations have been completed.

### Program Description and Progress

**Program Title:** Business Energy Check

**Program Description:** The Business Energy Check is an audit for non-residential customers. 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 2011 through December 2011:** It is estimated that 2,900 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$3,348,136.

**Program Progress Summary:** As of July 31, 2010 there have been 1,978 customers that have participated in this program. 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.

### 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 2011 through December 2011:** It is estimated that 2,115 measure installations will take place as a result of this program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$2,666,365.

**Program Progress Summary:** As of July 31, 2010 there have been 1,252 measure installations that have taken place as a result of this program. This program will continue to provide commercial customers with opportunities for improving the energy efficiency of existing facilities.

### Program Description and Progress

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

**Program Description:** This program is the 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 2011 through December 2011:** It is estimated that 185 measure participants will participate during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$987,545.

**Program Progress Summary** As of July 31, 2010 there have been 163 measure participants that have taken place as a result of this program. . This program is tied to the building industry. Participation in this program is expected to decline due to economic pressures and external environment. 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 Progress Energy 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 Progress Energy customers. To be eligible, projects must reduce or shift a minimum of 10 kW of peak demand. Examples include refrigeration equipment replacement, PTAC chemical cleaning, and heat pipe technology for HVAC units.

**Program Projections for January 2011 through December 2011:** It is estimated that 2 customers will participate in the program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$43,706.

**Program Progress Summary:** As of July 31, 2010 there have been 0 customers that have participated in this program. 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 provides an incentive for customers who, when notified by Progress Energy, voluntarily operate their on-site generation during times of system peak.

**Program Projections for January 2011 through December 2011:** It is estimated that 12 new installations will be completed during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$2,861,001.

**Program Progress Summary:** As of July 31, 2010 there are 237 active accounts with 61 customers participating in this program. It is estimated that active accounts will grow to 257 by the end of 2010.

### Program Description and Progress

**Program Title:** Interruptible Service

**Program Description:** The Interruptible Service rate is a dispatchable DSM program in which customers contract to allow Progress Energy to switch off electrical service to customers during times of capacity shortages. In return for permitting interruption to their service, the customers receive a monthly credit on their bill based on their monthly peak demand.

**Program Projections for January 2011 through December 2011:** 1 new account is estimated to sign up during the period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$19,755,142.

**Program Progress Summary:** As of July 31, 2010, this program has 149 active accounts with 77 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. Customers who were participating in this program at the time of closure were grandfathered into the program, and any new participants are placed on the IS-2 tariff.



### Program Description and Progress

**Program Title:** Curtailable Service

**Program Description:** The Curtailable Service rate 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 managed by the customer when notified by Progress Energy. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

**Program Projections for January 2011 through December 2011:** 1 new participant is expected during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$843,275.

**Program Progress Summary:** As of July 31, 2010, this program has 5 active accounts with 3 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:** Solar Water Heating For Low Income Residential Customers

**Program Description:** The Solar Water Heating for the Low-income Residential Customers pilot is a custom renewable energy measure designed to assist low-income families with energy costs by incorporating a solar thermal water heating system in their residence while it is under construction. Progress Energy will collaborate with non-profit builders to provide low-income families with a residential solar thermal water heater. The solar thermal system will be provided at no cost to the non-profit builders or the residential participants.

**Program Projections for January 2011 through December 2011:** It is estimated that 30 new customers will participate in the Solar Water Heating For Low Income Residential Customers pilot during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$149,495.

**Program Progress Summary:** This is a new program that was filed in March, 2010, and is pending a consummating order for approval. Progress updates will be provided as the program matures in customer acceptance and implementation.

### Program Description and Progress

**Program Title:** Solar Water Heating With Energy Management

**Program Description:** The Solar Water Heating with Energy Management program encourages residential customers to install new solar thermal water heating systems. This program incorporates elements of Progress Energy's cost-effective Demand Side Management program with a requirement for participation in our residential demand response program.

**Program Projections for January 2011 through December 2011:** It is estimated that 2,250 new customers will participate in the Solar Water Heating with Energy Management program during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$1,340,205.

**Program Progress Summary:** As of July 31, 2010 there are a total of 3,712 customers participating in this program. Modifications to this program (Renewable Energy Saver) have been filed in Progress Energy's Proposed DSM Plan filed March, 2010, and are pending a consummating order for approval.

### Program Description and Progress

**Program Title:** Residential Solar Photovoltaic

**Program Description:** The Residential Solar Photovoltaic (PV) pilot encourages residential customers to install new solar photovoltaic (PV) systems on their home. This pilot promotes the installation of renewable energy on energy efficient homes by requiring customers to participate in at least one residential energy efficiency measure.

**Program Projections for January 2011 through December 2011:** It is estimated that 100 new customers will participate in the Residential Solar Photovoltaic pilot during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$1,096,663.

**Program Progress Summary:** This is a new program that was filed in March, 2010, and is pending a consummating order for approval. Progress updates will be provided as the program matures in customer acceptance and implementation.

### Program Description and Progress

**Program Title:** Commercial Solar Photovoltaic

**Program Description:** The Commercial Solar Photovoltaic (PV) pilot encourages commercial customers to install new solar PV systems on their facilities. This pilot promotes the installation of renewable energy on energy efficient businesses by requiring customers to participate in at least one commercial energy efficiency measure. The program design includes an annual reservation process for pre-approval to ensure the incentive expenditure cap is available for participation.

**Program Projections for January 2011 through December 2011:** It is estimated that 23 new customers will participate in the Commercial Solar Photovoltaic pilot during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$1,069,701.

**Program Progress Summary:** This is a new program that was filed in March, 2010, and is pending a consummating order for approval. Progress updates will be provided as the program matures in customer acceptance and implementation.

### Program Description and Progress

**Program Title:** Photovoltaic for Schools

**Program Description:** The Photovoltaic for Schools pilot is designed to assist schools with energy costs while promoting energy education. This program will provide participating public schools with new photovoltaic systems at no cost. These systems will be installed, owned, operated and maintained by Progress Energy for a period of 5 years, after which the school assumes ownership and system benefits.

**Program Projections for January 2011 through December 2011:** It is estimated that 11 new customers will participate in the Photovoltaic for Schools pilot during the projection period.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$657,224.

**Program Progress Summary:** As of July 31, 2010 there are a total of 1,250 customers participating in this program. This program is tied to the solar industry. Economic forces will dictate the number of solar systems installed during this period. Modifications to this program (Renewable Energy Saver) have been filed in Progress Energy's Proposed DSM Plan filed March, 2010, and are pending a consummating order for approval.

### Program Description and Progress

**Program Title:** Research and Demonstration

**Program Description:** The purpose of the Research and Demonstration pilot component is to research technology and establish R&D initiatives to support the development of renewable energy pilot programs. Demonstration projects will provide real-world field testing to assist in the development of these initiatives. The program will be limited to a targeted annual expenditure cap of 5% of the total Demand-Side Renewable Portfolio annual expenditures. All projects will be designed to support the development of future solar and renewable energy pilot programs.

**Program Projections for January 2011 through December 2011:** Program participation projections will evolve as individual technologies and R&D initiatives are identified and approved to participate in the program.

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$323,380.

**Program Progress Summary:** This is a new program that was filed in March, 2010, and is pending a consummating order for approval. Progress updates will be provided as the program matures in customer acceptance and implementation.

### Program Description and Progress

**Program Title:** Technology Development

**Program Description:** This program allows Progress Energy to undertake certain development and demonstration projects which provide support for the development of cost-effective demand reduction energy efficiency and alternative energy programs.

**Program Projections for January 2011 through December 2011:** Progress Energy has developed a Technology Roadmap to ensure effective development and implementation of Demand Side Management programs. The roadmap contains four focus areas: energy efficiency, alternative energy, state-of-the-art power systems, and electric transportation. Several research projects associated with these focus areas will continue and/or launch in 2011:

- On-line efficiency control in facilities
- Solar photovoltaic energy production and system impact
- Small-scale wind assessment
- Renewable SEEDS (solar PV with advanced energy storage)
- Mobile energy storage (ZnBr flow battery)
- Smart charging for electric transportation
- Truck stop electrification (TSE) load profile
- Electric Power Research Institute (EPRI) programs (energy storage, Intelligrid, electric transportation infrastructure)

**Program Fiscal Expenditures for January 2011 through December 2011:** Expenses for this program are projected to be \$826,215.

**Program Progress Summary:** Several research projects achieved significant milestones in 2010; examples include:

- Small-scale wind: Associated with a State of Florida Renewable Energy and Energy-Efficient Technologies Grant, Progress Energy is evaluating small-scale wind energy technologies. After completing a wind resource analysis, a 2.4kW wind turbine was installed at the Okahumpka Service Plaza for the Florida Turnpike in January 2010. Results to date indicate approximately 3.4 kWh per day of energy production. Additional



### Program Description and Progress

wind resource mapping is currently underway with the results expected to support the decision for future installations.

- **DOE L-Prize:** Associated with a DOE grant, Progress Energy began testing LED dimmable light bulbs. Results to date indicate potential energy savings with enhanced customer satisfaction when compared to incandescent bulbs. A second customer survey will be conducted upon conclusion of the study.
- **Renewable SEEDS:** The solar PV with advanced battery storage project continued with the installation of a lithium ion (Li-ion) battery. The Li-ion battery system demonstrated a 73.5% round trip efficiency and is currently being modeled to identify opportunities for system support applications.
- **PHEV smart charging:** Two PHEV charging stations with direct load control management were installed at Progress Energy's Lake Mary office. These charging stations provide a research and demonstration platform to prepare for electric vehicle charging demand, and are supporting the development for a residential demand response program appliance addition.

In addition to the projects noted, we will continue to pursue other promising new technology projects and participation in industry research that support our technology roadmap and the pursuit of cost-effective demand reduction, energy efficiency, and alternative energy programs.

### Program Description and Progress

**Program Title:** Qualifying Facility

**Program Description:** For this program, power is purchased from qualifying cogeneration and small power production facilities, including renewables.

**Program Projections for January, 2011 through December, 2011:** Contracts for new facilities will continue to be negotiated when the qualifying facility's technology is sound and their costs are at or below the avoided cost.

**Program Fiscal Expenditures for January, 2011 through December, 2011:** Expenses for this program are projected to be \$717,454.

**Program Progress Summary:** The total MW of qualifying facility capacity including both firm and as available purchases is approximately 849 MW with approximately another 571 MW of qualifying facility firm and non-firm capacity that has not yet begun operation.