

Progress Energy Florida
Docket No. 110002-EG

DIRECT TESTIMONY OF

HELENA T. (LEE) GUTHRIE

WITH RESPECT TO PROJECTED COSTS

September 13, 2011

1 Q. State your name and business address.

2 A. My name is Lee Guthrie. My business address is 299 First Avenue North, St.
3 Petersburg, Fl 33701.

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 Manager of PEF Analytical Services in the Efficiency & Innovative Technology
8 department.

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

12 A. Yes.

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

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

COM 5
APA 1
ECR 7
GCL 1
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SRC
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CLK CF RDR

DOCUMENT NUMBER-DATE

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1 (ECCR) factors for customer billings in 2012.

2
3 **Q. Do you have any Exhibits to your testimony?**

4 A. Yes, Exhibit No. _____ (HTG-1P) consists of Schedules (C-1 through C-5), which
5 support Progress Energy's ECCR calculations for the 2011 actual/estimated period
6 and the 2012 projection period.

7
8 **Q. For what currently approved programs does Progress Energy seek recovery?**

9 A. Progress Energy is seeking to recover those costs allowed pursuant to Rule 25-
10 17.015, F.A.C., for each of the following Commission-approved conservation
11 programs, as well as for Conservation Program Administration (those common
12 administration expenses not specifically linked to an individual program). These
13 programs are currently approved and include the Demand-Side Renewable Portfolio
14 of solar programs which were approved by the Commission vote on September 14,
15 2010.

- 16 ● Home Energy Check
- 17 ● Home Energy Improvement
- 18 ● Residential New Construction
- 19 ● Neighborhood Energy Saver
- 20 ● Low-Income Weatherization Assistance
- 21 ● Energy Management (Residential & Commercial)
- 22 ● Business Energy Check
- 23 ● Better Business
- 24 ● Commercial/Industrial New Construction
- 25 ● Innovation Incentive

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- Standby Generation
- Interruptible Service
- Curtailable Service
- Solar Water Heating For Low Income Residential Customers
- Solar Water Heating With Energy Management
- Residential Solar Photovoltaic
- Commercial Solar Photovoltaic
- Photovoltaic for Schools
- Research and Demonstration
- Technology Development
- Qualifying Facility

Q. What is included in your Exhibit?

A. My exhibit consists of Schedules C-1 through C-5 (HTG-1P). Schedule C-1 provides a summary of cost recovery clause calculations and information by retail rate schedule. Schedule C-2 (HTG-1P) provides annual and monthly conservation program cost estimates for the 2012 projection period for each conservation program, as well as for common administration expenses. Additionally, Schedule C-2 (HTG-1P) presents program costs by specific category (i.e. payroll, materials, incentives, etc.) and includes a schedule of estimated capital investments, depreciation and return for the projection period.

Schedule C-3 (HTG-1P) contains a detailed breakdown of conservation program costs by specific category and by month for the actual/estimated period of January through July 2011 (actual) and August through December 2011 (estimated). In addition, Schedule C-3 (HTG-1P) presents a schedule of capital investment,

1 depreciation and return, an energy conservation adjustment calculation of true-up,
2 and a calculation of interest provision for the 2011 actual/estimated period.

3 Schedule C-4 (HTG-1P) projects ECCR revenues during the 2012 projection
4 period. Schedule C-5 (HTG-1P) presents a brief description of each program, as
5 well as a summary of progress and projected expenditures for each program for
6 which Progress Energy seeks cost recovery through the ECCR clause.

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

9 A. Yes. Schedule C-2 (HTG-1P), Page 1 of 7, Line 28, shows total net program costs
10 of \$108,496,569 for the 2012 projection period. The following table presents
11 Progress Energy's proposed ECCR billing factors, expressed in dollars per 1,000
12 kilowatt-hours by retail rate class and voltage level for calendar year 2012, as
13 contained in Schedule C-1(HTG-1P), Page 2 of 2.

14
15 **2012 ECCR Billing Factors (\$/1,000 kWh)**

| | Secondary | Primary | Transmission |
|---|-----------------------|-----------------------|-----------------------|
| <u>Retail Rate Schedule</u> | <u>Voltage</u> | <u>Voltage</u> | <u>Voltage</u> |
| Residential (Cents/kWh) | .288 | N/A | N/A |
| General Service Non-Demand (Cents/kWh) | .238 | .236 | .233 |
| General Service 100% Load Factor (Cents/kWh) | .201 | N/A | N/A |
| General Service Demand (\$/kW) | .84 | .83 | .82 |
| Curtable (\$/kW) | .90 | .89 | .88 |
| Interruptible (\$/kW) | .77 | .76 | .75 |

| | | | | |
|---|-------------------------|------|------|------|
| 1 | Standby Monthly (\$/kW) | .084 | .083 | .082 |
| 2 | Standby Daily (\$/kW) | .040 | .040 | .039 |
| 3 | Lighting (Cents/kWh) | .132 | N/A | N/A |

4

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

6 **A. Yes.**

Exhibit No. ____ (HTG-1P)

Docket No. 110002-EG

**To the Direct Testimony of
HELENA (LEE) GUTHRIE
(filed September 13, 2011)**

PROGRESS ENERGY FLORIDA
 Energy Conservation Cost Recovery Clause (ECCR)
 Calculation of the Energy & Demand Allocation % by Rate Class
 JANUARY 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C - 1
 PAGE 1 OF 2

| Rate Class | (1) Average 12CP Load Factor at Meter (%) | (2) Sales at Meter (mWh) | (3) Avg 12 CP at Meter (MW) <small>(2)/(8760hrs*(1))</small> | (4) Delivery Efficiency Factor | (5) Sales at Source (Generation) (mWh) <small>(2)/(4)</small> | (6) Avg 12 CP at Source (MW) <small>(3)/(4)</small> | (7) Annual Average Demand (MW) <small>(5)/(8760hrs)</small> | (8) Annual Average Demand Allocator (%) | (9) 12 CP Allocator (%) | (10) 12CP & 1/13 AD Demand Allocator (%) |
|---|---|-----------------------------------|--|---|---|---|--|--|----------------------------------|--|
| Residential | | | | | | | | | | |
| RS-1, RST-1, RSL-1, RSL-2, RSS-1 | | | | | | | | | | |
| Secondary | 0.494 | 18,600,869 | 4,298.35 | 0.9381780 | 19,826,588 | 4,581.60 | 2,263.31 | 50.602% | 62.719% | 61.787% |
| General Service Non-Demand | | | | | | | | | | |
| GS-1, GST-1 | | | | | | | | | | |
| Secondary | 0.695 | 1,209,225 | 198.62 | 0.9381780 | 1,288,908 | 211.71 | 147.14 | 3.290% | 2.898% | 2.928% |
| Primary | 0.695 | 6,000 | 0.99 | 0.9709000 | 6,180 | 1.02 | 0.71 | 0.016% | 0.014% | 0.014% |
| Transmission | 0.695 | 4,342 | 0.71 | 0.9809000 | 4,427 | 0.73 | 0.51 | 0.011% | 0.010% | 0.010% |
| | | | | | | | | 3.317% | 2.922% | 2.952% |
| General Service | | | | | | | | | | |
| GS-2 Secondary | | | | | | | | | | |
| Secondary | 1.000 | 120,227 | 13.72 | 0.9381780 | 128,149 | 14.63 | 14.63 | 0.327% | 0.200% | 0.210% |
| General Service Demand | | | | | | | | | | |
| GSD-1, GSDD-1 | | | | | | | | | | |
| Secondary | 0.785 | 12,082,271 | 1,757.01 | 0.9381780 | 12,878,442 | 1,872.79 | 1,470.14 | 32.868% | 25.637% | 26.193% |
| Primary | 0.785 | 2,300,529 | 334.54 | 0.9709000 | 2,369,481 | 344.57 | 270.49 | 6.047% | 4.717% | 4.819% |
| Transmission | 0.785 | 0 | 0.00 | 0.9809000 | 0 | 0.00 | 0.00 | 0.000% | 0.000% | 0.000% |
| SS-1 | | | | | | | | | | |
| Primary | 1.546 | 15 | 0.00 | 0.9709000 | 15 | 0.00 | 0.00 | 0.000% | 0.000% | 0.000% |
| Transm Del/ Transm Mtr | 1.546 | 9,380 | 0.69 | 0.9809000 | 9,563 | 0.71 | 1.09 | 0.024% | 0.010% | 0.011% |
| Transm Del/ Primary Mtr | 1.546 | 2,804 | 0.21 | 0.9709000 | 2,888 | 0.21 | 0.33 | 0.007% | 0.003% | 0.003% |
| | | | | | | | | 38.948% | 30.367% | 31.027% |
| Curtailable | | | | | | | | | | |
| CS-1, CST-1, CS-2, CST-2, SS-3 | | | | | | | | | | |
| Secondary | 0.935 | 0 | 0.00 | 0.9381780 | 0 | 0.00 | 0.00 | 0.000% | 0.000% | 0.000% |
| Primary | 0.935 | 144,872 | 17.69 | 0.9709000 | 149,214 | 18.22 | 17.03 | 0.381% | 0.249% | 0.259% |
| SS-3 Primary | | | | | | | | | | |
| Primary | 0.451 | 16,678 | 4.22 | 0.9709000 | 17,178 | 4.35 | 1.96 | 0.044% | 0.060% | 0.058% |
| | | | | | | | | 0.425% | 0.309% | 0.318% |
| Interruptible | | | | | | | | | | |
| IS-1, IST-1, IS-2, IST-2 | | | | | | | | | | |
| Secondary | 0.983 | 109,609 | 12.73 | 0.9381780 | 116,832 | 13.57 | 13.34 | 0.298% | 0.186% | 0.194% |
| Sec Del/Primary Mtr | 0.983 | 5,215 | 0.61 | 0.9709000 | 5,371 | 0.62 | 0.61 | 0.014% | 0.009% | 0.009% |
| Primary Del / Primary Mtr | 0.983 | 1,218,130 | 141.46 | 0.9709000 | 1,254,640 | 145.70 | 143.22 | 3.202% | 1.995% | 2.087% |
| Primary Del / Transm Mtr | 0.983 | 4,279 | 0.50 | 0.9809000 | 4,362 | 0.51 | 0.50 | 0.011% | 0.007% | 0.007% |
| Transm Del/ Transm Mtr | 0.983 | 333,601 | 38.74 | 0.9809000 | 340,097 | 39.50 | 38.82 | 0.868% | 0.541% | 0.566% |
| Transm Del/ Primary Mtr | 0.983 | 239,389 | 27.80 | 0.9709000 | 246,564 | 28.63 | 28.15 | 0.629% | 0.392% | 0.410% |
| SS-2 Primary | | | | | | | | | | |
| Primary | 0.983 | 12,030 | 1.40 | 0.9709000 | 12,391 | 1.44 | 1.41 | 0.032% | 0.020% | 0.021% |
| Transm Del/ Transm Mtr | 0.983 | 92,740 | 10.77 | 0.9809000 | 94,546 | 10.98 | 10.79 | 0.241% | 0.150% | 0.157% |
| Transm Del/ Primary Mtr | 0.983 | 41,879 | 4.86 | 0.9709000 | 43,134 | 5.01 | 4.92 | 0.110% | 0.069% | 0.072% |
| | | | | | | | | 5.405% | 3.367% | 3.524% |
| Lighting | | | | | | | | | | |
| LS-1 (Secondary) | | | | | | | | | | |
| Secondary | 5.151 | 359,167 | 7.96 | 0.9381780 | 382,835 | 8.48 | 43.70 | 0.977% | 0.116% | 0.182% |
| | | | | | | | | | | |
| | | 36,913,251 | 6,873.58 | | 39,181,805 | 7,304.96 | 4,472.81 | 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 2012 to December 2012
 (3) Calculated: Column 2 / (8,760 hours x Column 1)
 (4) Based on system average line loss analysis for 2010
 (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 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
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| 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) (cents/kWh) |
|---|--|---|--|--|--|--|---|--|--|---------------------|
| Residential | | | | | | | | | | |
| RS-1, RST-1, RSL-1, RSL-2, RSS-1 | | | | | | | | | | |
| Secondary | 50.602% | 61.787% | \$ 19,332,122 | \$34,174,465 | \$53,506,587 | 18,600,869 | | | | 0.288 |
| General Service Non-Demand | | | | | | | | | | |
| GS-1, GST-1 | | | | | | | | | | |
| Secondary | | | | | | 1,209,225 | | | | 0.238 |
| Primary | | | | | | 5,940 | | | | 0.236 |
| Transmission | | | | | | 4,255 | | | | 0.233 |
| TOTAL GS | 3.317% | 2.952% | \$ 1,267,105 | \$1,632,934 | \$2,900,039 | 1,219,420 | | | | |
| General Service | | | | | | | | | | |
| GS-2 Secondary | 0.327% | 0.210% | \$ 124,953 | \$116,159 | \$241,113 | 120,227 | | | | 0.201 |
| General Service Demand | | | | | | | | | | |
| GSD-1, GSDT-1, SS-1* | | | | | | | | | | |
| Secondary | | | | | | 12,082,271 | | | 0.84 | |
| Primary | | | | | | 2,280,315 | | | 0.83 | |
| Transmission | | | | | | 9,192 | | | 0.82 | |
| TOTAL GSD | 38.948% | 31.027% | \$ 14,879,802 | \$17,161,041 | \$32,040,842 | 14,371,778 | 51.90% | 37,933,270 | | |
| Curtable | | | | | | | | | | |
| CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3* | | | | | | | | | | |
| Secondary | | | | | | - | | | 0.90 | |
| Primary | | | | | | 159,935 | | | 0.89 | |
| Transmission | | | | | | - | | | 0.88 | |
| TOTAL CS | 0.425% | 0.318% | \$ 162,242 | \$175,784 | \$338,026 | 159,935 | 58.40% | 375,151 | | |
| Interruptible | | | | | | | | | | |
| IS-1, IST-1, IS-2, IST-2, SS-2* | | | | | | | | | | |
| Secondary | | | | | | 109,609 | | | 0.77 | |
| Primary | | | | | | 1,501,477 | | | 0.76 | |
| Transmission | | | | | | 422,008 | | | 0.75 | |
| TOTAL IS | 5.405% | 3.524% | \$ 2,065,116 | \$1,949,000 | \$4,014,117 | 2,033,093 | 53.20% | 5,235,074 | | |
| Lighting | | | | | | | | | | |
| LS-1 Secondary | 0.977% | 0.182% | \$ 373,287 | \$100,869 | \$474,156 | 359,167 | | | | 0.132 |
| | 100.000% | 100.000% | \$38,204,628 | \$55,310,252 | \$93,514,880 | 36,864,489 | | | | 0.254 |

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 | \$36,392,985 | 43,543,495 | 0.84 |
| SS-1, 2, 3 - \$/kW-mo | | | |
| Monthly - \$0.84/kW * 10% | 0.084 | 0.083 | 0.082 |
| Daily - \$0.84/kW / 21 | 0.040 | 0.040 | 0.039 |

**PROGRESS ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2012 - DECEMBER 2012**

**DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-2
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| LINE NO. | PROGRAM TITLE Demand (D) or Energy (E) | 12 MONTH TOTAL |
|----------|---|-----------------------|
| 1 | BETTER BUSINESS (20015937) (E) | \$ 3,885,117 |
| 2 | RESIDENTIAL NEW CONSTRUCT (20015933) (E) | \$ 2,202,894 |
| 3 | HOME ENERGY IMPROVEMENT (20015934) (E) | \$ 11,530,153 |
| 4 | C/I NEW CONSTRUCTION (20015938) (E) | \$ 1,035,378 |
| 5 | HOME ENERGY CHECK (20015932) (E) | \$ 10,368,337 |
| 6 | LOW INCOME (20021329) (E) | \$ 398,889 |
| 7 | SOLAR WATER HEATING WITH EM (20084920) (E) | \$ 1,504,464 |
| 8 | RENEWABLE ENERGY SAVER (20060744) (E) | \$ - |
| 9 | NEIGHBORHOOD ENERGY SAVER (20060745)(E) | \$ 1,320,911 |
| 10 | BUSINESS ENERGY CHECK (20015936) (E) | \$ 2,957,943 |
| 11 | CONSERVATION PROGRAM ADMIN (20015935) (E) | \$ 4,729,450 |
| 12 | CONSERVATION PROGRAM ADMIN (20015935) (D) | \$ 523,528 |
| 13 | QUALIFYING FACILITY (20025062) (E) | \$ 945,211 |
| 14 | INNOVATION INCENTIVE (20015940) (E) | \$ 139,717 |
| 15 | TECHNOLOGY DEVELOPMENT (20015939) (E) | \$ 841,590 |
| 16 | STANDBY GENERATION (20021332) (D) | \$ 2,635,420 |
| 17 | INTERRUPTIBLE SERVICE (20015941) (D) | \$ 18,639,163 |
| 18 | CURTAILABLE SERVICE (20015942) (D) | \$ 700,000 |
| 19 | RES ENERGY MANGMNT-ADMIN (20015943) (D) | \$ 31,307,997 |
| 20 | LOAD MANAGEMENT SWITCHES (9080120) (D) | \$ 8,890,212 |
| 21 | COM ENERGY MANGMNT-ADMIN (20015944) (D) | \$ 637,409 |
| 22 | RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E) | \$ 1,062,325 |
| 23 | SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E) | \$ 151,364 |
| 24 | COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E) | \$ 1,022,364 |
| 25 | PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E) | \$ 726,547 |
| 26 | RESEARCH AND DEMONSTRATION (20084922) (E) | \$ 340,384 |
| 27 | | |
| 28 | NET PROGRAM COSTS | <u>\$ 108,496,569</u> |
| 29 | | |

| 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 |
|----------|---------------------------------------|-----------------------|--|-------------------------------|--------------------------------|----------------------------|
| 30 | <u>SUMMARY OF DEMAND & ENERGY</u> | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| 33 | | | | | | |
| 34 | ENERGY | \$ 45,162,841 | \$ (6,975,588) | \$ 38,187,253 | 1.000455 | \$ 38,204,628 |
| 35 | | | | | | |
| 36 | DEMAND | <u>63,333,728</u> | <u>(8,048,631)</u> | <u>55,285,097</u> | 1.000455 | <u>55,310,252</u> |
| 37 | | | | | | |
| 38 | TOTAL | <u>\$ 108,496,569</u> | <u>\$ (15,024,219)</u> | <u>\$ 93,472,350</u> | | <u>\$ 93,514,880</u> |

**PROGRESS ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2012 - DECEMBER 2012**

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
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| LINE NO. | PROGRAM TITLE Demand (D) or Energy (E) | ESTIMATED | | | | | | | | | | | | TOTAL |
|----------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| | | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | |
| 1 | BETTER BUSINESS (20015937) (E) | \$359,110 | \$374,330 | \$384,165 | \$441,471 | \$401,141 | \$285,352 | \$316,874 | \$328,171 | \$289,210 | \$307,486 | \$220,637 | \$177,170 | \$3,885,117 |
| 2 | RESIDENTIAL NEW CONSTRUCT (20015933) (E) | 187,147 | 119,863 | 177,026 | 206,903 | 206,903 | 301,655 | 173,992 | 188,421 | 146,874 | 252,953 | 123,385 | 117,571 | 2,202,694 |
| 3 | HOME ENERGY IMPROVEMENT (20015934) (E) | 772,397 | 868,616 | 1,048,370 | 955,464 | 1,306,120 | 1,104,225 | 1,001,428 | 941,042 | 972,648 | 818,173 | 947,433 | 794,236 | 11,530,153 |
| 4 | C/I NEW CONSTRUCTION (20015938) (E) | 72,670 | 78,522 | 105,485 | 85,800 | 79,260 | 80,478 | 77,306 | 101,839 | 98,422 | 85,106 | 89,828 | 80,662 | 1,035,378 |
| 5 | HOME ENERGY CHECK (20015932) (E) | 800,013 | 881,444 | 1,133,827 | 898,414 | 888,882 | 759,647 | 703,173 | 865,983 | 963,756 | 901,696 | 872,575 | 698,928 | 10,368,337 |
| 6 | LOW INCOME (20021329) (E) | 26,684 | 25,443 | 44,886 | 25,162 | 38,059 | 34,619 | 32,427 | 40,443 | 32,334 | 33,563 | 40,297 | 24,973 | 398,889 |
| 7 | SOLAR WATER HEATING WITH EM (E) | 133,855 | 120,129 | 126,137 | 139,114 | 130,162 | 117,131 | 129,060 | 121,121 | 121,952 | 130,725 | 120,167 | 114,912 | 1,504,464 |
| 8 | RENEWABLE ENERGY SAVER (20060744) (E) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | NEIGHBORHOOD ENERGY SAVER (20060745) (E) | 114,298 | 99,766 | 108,923 | 120,153 | 101,927 | 104,605 | 124,637 | 123,085 | 100,963 | 120,190 | 104,678 | 97,687 | 1,320,911 |
| 10 | BUSINESS ENERGY CHECK (20015936) (E) | 343,895 | 193,763 | 248,732 | 188,620 | 192,734 | 180,483 | 174,570 | 235,731 | 194,236 | 442,981 | 202,156 | 350,042 | 2,957,943 |
| 11 | CONSERVATION PROGRAM ADMIN (20015935) (E) | 241,719 | 337,356 | 567,568 | 395,286 | 352,018 | 499,737 | 331,692 | 416,535 | 463,394 | 342,050 | 334,014 | 448,079 | 4,729,450 |
| 12 | CONSERVATION PROGRAM ADMIN (20015935) (D) | 32,445 | 36,790 | 62,339 | 43,232 | 38,423 | 54,841 | 36,173 | 45,567 | 50,808 | 37,323 | 36,431 | 49,156 | 523,528 |
| 13 | QUALIFYING FACILITY (20025062) (E) | 50,723 | 67,254 | 125,006 | 64,859 | 68,237 | 90,656 | 63,975 | 99,311 | 91,952 | 68,248 | 68,286 | 86,705 | 945,211 |
| 14 | INNOVATION INCENTIVE (20015940) (E) | 4,710 | 6,279 | 12,481 | 6,044 | 22,880 | 13,046 | 5,882 | 9,268 | 14,562 | 6,380 | 22,894 | 15,290 | 139,717 |
| 15 | TECHNOLOGY DEVELOPMENT (20015939) (E) | 83,431 | 43,674 | 51,640 | 125,280 | 43,812 | 42,817 | 116,352 | 84,716 | 43,395 | 87,585 | 43,708 | 75,179 | 841,590 |
| 16 | STANDBY GENERATION (20021332) (D) | 201,653 | 205,027 | 230,718 | 206,925 | 207,779 | 219,768 | 206,177 | 217,356 | 241,672 | 229,362 | 229,340 | 239,643 | 2,635,420 |
| 17 | INTERRUPTIBLE SERVICE (20015941) (D) | 1,489,602 | 1,490,517 | 1,494,741 | 1,676,165 | 1,676,439 | 1,676,581 | 1,490,912 | 1,493,982 | 1,491,674 | 1,491,265 | 1,676,241 | 1,491,045 | 18,639,163 |
| 18 | CURTailable SERVICE (20015942) (D) | 56,000 | 63,000 | 63,000 | 56,000 | 56,000 | 56,000 | 63,000 | 63,000 | 56,000 | 56,000 | 63,000 | 49,000 | 700,000 |
| 19 | RES ENERGY MANGMNT-ADMIN (20015943) (D) | 2,951,812 | 3,217,418 | 2,503,156 | 2,214,728 | 2,203,653 | 2,437,967 | 2,429,066 | 2,578,441 | 2,559,109 | 2,469,866 | 2,729,937 | 3,012,844 | 31,307,997 |
| 20 | LOAD MANAGEMENT SWITCHES (9080120) (D) | 705,627 | 715,800 | 725,392 | 732,117 | 736,685 | 738,722 | 744,754 | 752,148 | 756,573 | 759,013 | 760,747 | 762,434 | 8,890,212 |
| 21 | COM ENERGY MANGMNT-ADMIN (20015944) (D) | 44,940 | 51,079 | 45,468 | 57,049 | 57,092 | 51,041 | 63,028 | 57,462 | 57,069 | 51,092 | 57,094 | 44,995 | 637,409 |
| 22 | RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E) | 203,774 | 205,123 | 207,129 | 204,468 | 105,190 | 105,528 | 4,362 | 7,096 | 5,071 | 4,690 | 5,199 | 4,693 | 1,082,325 |
| 23 | SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E) | 12,554 | 12,249 | 13,257 | 12,811 | 12,282 | 12,751 | 12,757 | 13,241 | 12,222 | 12,922 | 12,287 | 12,032 | 151,364 |
| 24 | COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E) | 100,044 | 199,129 | 204,137 | 200,551 | 199,162 | 100,881 | 2,497 | 4,621 | 2,602 | 2,662 | 3,667 | 2,412 | 1,022,364 |
| 25 | PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E) | 2,513 | 3,378 | 173,955 | 7,790 | 2,916 | 175,938 | 3,230 | 3,992 | 172,293 | 2,916 | 2,921 | 174,705 | 726,547 |
| 26 | RESEARCH AND DEMONSTRATION (20084922) (E) | 40,579 | 32,737 | 17,449 | 42,122 | 32,753 | 7,341 | 41,803 | 36,050 | 7,605 | 42,317 | 32,866 | 6,963 | 340,384 |
| 27 | | | | | | | | | | | | | | |
| 28 | NET PROGRAM COSTS | \$9,032,394 | \$9,448,684 | \$9,874,987 | \$9,116,530 | \$9,160,511 | \$9,251,808 | \$8,349,128 | \$8,828,620 | \$8,946,395 | \$8,756,567 | \$8,799,587 | \$8,931,358 | \$108,496,569 |
| 29 | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| 31 | SUMMARY OF DEMAND & ENERGY | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | |
| 33 | ENERGY | \$3,550,114 | \$3,669,054 | \$4,750,172 | \$4,130,313 | \$4,184,440 | \$4,016,889 | \$3,316,018 | \$3,620,665 | \$3,733,490 | \$3,662,647 | \$3,246,798 | \$3,282,241 | \$45,162,841 |
| 34 | | | | | | | | | | | | | | |
| 35 | DEMAND | 5,482,280 | 5,779,630 | 5,124,815 | 4,986,217 | 4,976,071 | 5,234,920 | 5,033,110 | 5,207,955 | 5,212,905 | 5,093,920 | 5,552,790 | 5,649,117 | 63,333,728 |
| 36 | | | | | | | | | | | | | | |
| 37 | TOTAL | \$9,032,394 | \$9,448,684 | \$9,874,987 | \$9,116,530 | \$9,160,511 | \$9,251,808 | \$8,349,128 | \$8,828,620 | \$8,946,395 | \$8,756,567 | \$8,799,587 | \$8,931,358 | \$108,496,569 |

PROGRESS ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-2
PAGE 3 OF 9

| 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) | \$13,831 | \$1,187,887 | \$14,488 | \$170,501 | \$200,252 | \$2,200,000 | \$0 | \$98,158 | \$0 | \$3,885,117 |
| 2 | RESIDENTIAL NEW CONSTRUCT (20015933) (E) | 0 | 939,675 | 3,960 | 10,804 | 117,840 | 1,050,000 | 0 | 80,415 | 0 | 2,202,694 |
| 3 | HOME ENERGY IMPROVEMENT (20015934) (E) | 18,617 | 1,985,798 | 45,416 | 154,405 | 1,949,540 | 7,132,000 | 0 | 244,377 | 0 | 11,530,153 |
| 4 | C/ NEW CONSTRUCTION (20015938) (E) | 0 | 537,881 | 12,835 | 26,931 | 92,452 | 290,000 | 0 | 75,279 | 0 | 1,035,378 |
| 5 | HOME ENERGY CHECK (20015932) (E) | 473 | 3,929,953 | 205,259 | 383,388 | 4,505,012 | 727,000 | 0 | 617,252 | 0 | 10,368,337 |
| 6 | LOW INCOME (20021329) (E) | 0 | 157,519 | 38,138 | 9,000 | 33,120 | 150,000 | 0 | 11,113 | 0 | 398,889 |
| 7 | SOLAR WATER HEATING WITH EM (20084920) (E) | 0 | 25,214 | 610 | 0 | 64,850 | 1,406,250 | 0 | 7,540 | 0 | 1,504,464 |
| 8 | RENEWABLE ENERGY SAVER (20060744) (E) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | NEIGHBORHOOD ENERGY SAVER (20060745) (E) | 0 | 197,465 | 16,877 | 20,280 | 45,936 | 987,240 | 0 | 53,113 | 0 | 1,320,911 |
| 10 | BUSINESS ENERGY CHECK (20015936) (E) | 32,688 | 1,255,376 | 81,077 | 819,063 | 286,532 | 50,000 | 0 | 433,207 | 0 | 2,957,943 |
| 11 | CONSERVATION PROGRAM ADMIN (20015935) (E) | 17,706 | 2,313,065 | 20,432 | 1,377,175 | 1,608 | 0 | 0 | 999,464 | 0 | 4,729,450 |
| 12 | CONSERVATION PROGRAM ADMIN (20015935) (D) | 0 | 257,007 | 2,270 | 153,020 | 180 | 0 | 0 | 111,051 | 0 | 523,528 |
| 13 | QUALIFYING FACILITY (20025062) (E) | 0 | 805,958 | 4,064 | 100,000 | 0 | 0 | 0 | 35,190 | 0 | 945,211 |
| 14 | INNOVATION INCENTIVE (20015940) (E) | 0 | 76,053 | 0 | 26,000 | 0 | 33,000 | 0 | 4,664 | 0 | 139,717 |
| 15 | TECHNOLOGY DEVELOPMENT (20015939) (E) | 4,685 | 197,582 | 0 | 549,988 | 0 | 0 | 0 | 89,335 | 0 | 841,590 |
| 16 | STANDBY GENERATION (20021332) (D) | 121,581 | 254,892 | 3,661 | 56,000 | 0 | 2,170,000 | 0 | 29,285 | 0 | 2,635,420 |
| 17 | INTERRUPTIBLE SERVICE (20015941) (D) | 61,865 | 68,354 | 2,034 | 0 | 0 | 18,500,000 | 0 | 6,910 | 0 | 18,639,163 |
| 18 | CURTAILABLE SERVICE (20015942) (D) | 0 | 0 | 0 | 0 | 0 | 700,000 | 0 | 0 | 0 | 700,000 |
| 19 | RES ENERGY MANGMNT-ADMIN (20015943) (D) | 3,835,237 | 2,309,134 | 6,114 | 1,805,179 | 5,181,236 | 18,000,000 | 0 | 171,097 | 0 | 31,307,997 |
| 20 | LOAD MANAGEMENT SWITCHES (9080120) (D) | 8,890,212 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,890,212 |
| 21 | COM ENERGY MANGMNT-ADMIN (20015944) (D) | 0 | 9,809 | 0 | 26,400 | 0 | 600,000 | 0 | 1,200 | 0 | 637,409 |
| 22 | RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E) | 0 | 25,214 | 610 | 0 | 28,961 | 1,000,000 | 0 | 7,540 | 0 | 1,062,325 |
| 23 | SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E) | 0 | 25,214 | 610 | 0 | 4,000 | 114,000 | 0 | 7,540 | 0 | 151,364 |
| 24 | COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E) | 0 | 25,214 | 610 | (0) | 11,500 | 977,500 | 0 | 7,540 | 0 | 1,022,364 |
| 25 | PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E) | 0 | 25,214 | 646 | 0 | 10,120 | 677,779 | 0 | 12,788 | 0 | 726,547 |
| 26 | RESEARCH AND DEMONSTRATION (20084922) (E) | 0 | 85,126 | 0 | 100,000 | 0 | 0 | 0 | 155,258 | 0 | 340,384 |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | NET PROGRAM COSTS | \$12,996,895 | \$16,694,603 | \$459,713 | \$5,788,134 | \$12,533,139 | \$56,764,769 | \$0 | \$3,259,317 | \$0 | \$108,496,569 |
| 30 | | | | | | | | | | | |
| 31 | | | | | | | | | | | |
| 32 | SUMMARY OF DEMAND & ENERGY | | | | | | | | | | |
| 33 | | | | | | | | | | | |
| 34 | ENERGY | \$88,000 | \$13,795,408 | \$445,633 | \$3,747,535 | \$7,351,723 | \$16,794,769 | \$0 | \$2,939,773 | \$0 | \$45,162,841 |
| 35 | | | | | | | | | | | |
| 36 | DEMAND | 12,908,895 | 2,899,195 | 14,080 | 2,040,599 | 5,181,416 | 39,970,000 | 0 | 319,544 | 0 | 63,333,728 |
| 37 | | | | | | | | | | | |
| 38 | TOTAL | \$12,996,895 | \$16,694,603 | \$459,713 | \$5,788,134 | \$12,533,139 | \$56,764,769 | \$0 | \$3,259,317 | \$0 | \$108,496,569 |

PROGRESS ENERGY FLORIDA
 SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
 JANUARY 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C-2
 PAGE 4 OF 9

| LINE NO. | PROGRAM TITLE | BEGINNING BALANCE | ESTIMATED | | | | | | | | | | | | |
|----------|--|-------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | TOTAL |
| 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 | | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | |
| 5 | | | | | | | | | | | | | | | |
| 6 | DEPRECIATION EXPENSE (20% rate) | | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 10,368 |
| 7 | | | | | | | | | | | | | | | |
| 8 | CUMULATIVE INVESTMENT | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 |
| 9 | LESS: ACC. DEPRECIATION | 15,113 | 15,977 | 16,841 | 17,705 | 18,569 | 19,433 | 20,297 | 21,161 | 22,025 | 22,889 | 23,753 | 24,617 | 25,481 | 25,481 |
| 10 | NET INVESTMENT | 36,742 | 35,878 | 35,014 | 34,150 | 33,286 | 32,422 | 31,558 | 30,694 | 29,830 | 28,966 | 28,102 | 27,238 | 26,374 | 26,374 |
| 11 | AVERAGE INVESTMENT | | 36,310 | 35,446 | 34,582 | 33,718 | 32,854 | 31,990 | 31,126 | 30,262 | 29,398 | 28,534 | 27,670 | 26,806 | |
| 12 | RETURN ON AVERAGE INVESTMENT | | 238 | 233 | 227 | 221 | 216 | 210 | 205 | 199 | 193 | 187 | 182 | 176 | 2,486 |
| 13 | | | | | | | | | | | | | | | |
| 14 | RETURN REQUIREMENTS | | 332 | 325 | 316 | 308 | 301 | 292 | 285 | 276 | 269 | 260 | 254 | 245 | 3,463 |
| 15 | | | | | | | | | | | | | | | |
| 16 | PROGRAM TOTAL | | \$ 1,196 | \$ 1,189 | \$ 1,180 | \$ 1,172 | \$ 1,165 | \$ 1,156 | \$ 1,149 | \$ 1,140 | \$ 1,133 | \$ 1,124 | \$ 1,118 | \$ 1,109 | \$13,831 |
| 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 | 14,822 | 14,822 |
| 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 | 71,463 | |
| 22 | | | | | | | | | | | | | | | |
| 23 | DEPRECIATION EXPENSE (20% rate) | | 1,315 | 1,315 | 1,315 | 1,315 | 1,315 | 1,315 | 1,315 | 1,315 | 1,315 | 1,315 | 1,315 | 1,191 | 15,656 |
| 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 | 64,051 | 64,051 |
| 26 | LESS: ACC. DEPRECIATION | 44,004 | 45,319 | 46,634 | 47,949 | 49,264 | 50,579 | 51,894 | 53,209 | 54,524 | 55,839 | 57,154 | 58,469 | 44,838 | 44,838 |
| 27 | NET INVESTMENT | 34,870 | 33,555 | 32,240 | 30,925 | 29,610 | 28,295 | 26,980 | 25,665 | 24,350 | 23,035 | 21,720 | 20,405 | 19,214 | 19,214 |
| 28 | AVERAGE INVESTMENT | | 34,212 | 32,897 | 31,582 | 30,267 | 28,952 | 27,637 | 26,322 | 25,007 | 23,692 | 22,377 | 21,062 | 19,809 | |
| 29 | RETURN ON AVERAGE INVESTMENT | | 224 | 216 | 208 | 198 | 190 | 181 | 173 | 165 | 155 | 147 | 138 | 130 | 2,125 |
| 30 | | | | | | | | | | | | | | | |
| 31 | RETURN REQUIREMENTS | | 312 | 301 | 290 | 276 | 265 | 252 | 241 | 230 | 216 | 205 | 192 | 181 | 2,961 |
| 32 | | | | | | | | | | | | | | | |
| 33 | PROGRAM TOTAL | | \$ 1,627 | \$ 1,616 | \$ 1,605 | \$ 1,591 | \$ 1,580 | \$ 1,567 | \$ 1,556 | \$ 1,545 | \$ 1,531 | \$ 1,520 | \$ 1,507 | \$ 1,372 | \$18,617 |
| 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 | 2,560 | 0 | 2,560 |
| 38 | DEPRECIATION BASE | | 2,560 | 2,560 | 2,560 | 2,560 | 2,560 | 2,560 | 2,560 | 2,560 | 2,560 | 2,560 | 1,280 | 0 | |
| 39 | | | | | | | | | | | | | | | |
| 40 | DEPRECIATION EXPENSE (20% rate) | | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 21 | 0 | 451 |
| 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 | 0 | 0 | - |
| 43 | LESS: ACC. DEPRECIATION | 2,120 | 2,163 | 2,206 | 2,249 | 2,292 | 2,335 | 2,378 | 2,421 | 2,464 | 2,507 | 2,550 | 11 | 11 | 11 |
| 44 | NET INVESTMENT | 440 | 397 | 354 | 311 | 268 | 225 | 182 | 139 | 96 | 53 | 10 | (11) | (11) | (11) |
| 45 | AVERAGE INVESTMENT | | 419 | 376 | 333 | 290 | 247 | 204 | 161 | 118 | 75 | 32 | 0 | (11) | |
| 46 | RETURN ON AVERAGE INVESTMENT | | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 15 |
| 47 | | | | | | | | | | | | | | | |
| 48 | RETURN REQUIREMENTS | | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 22 |
| 49 | | | | | | | | | | | | | | | |
| 50 | PROGRAM TOTAL | | \$ 47 | \$ 47 | \$ 46 | \$ 46 | \$ 46 | \$ 46 | \$ 45 | \$ 43 | \$ 43 | \$ 43 | \$ 21 | \$ 0 | \$473 |

NOTES:
 - 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 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C-2
 PAGE 5 OF 9

| LINE NO. | PROGRAM TITLE | BEGINNING BALANCE | ESTIMATED | | | | | | | | | | | | TOTAL | |
|----------|---|-------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | | |
| 1 | BUSINESS ENERGY CHECK (20015936) (E) | | | | | | | | | | | | | | | |
| 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 | | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | DEPRECIATION EXPENSE (20% rate) | | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 1,855 | 22,260 |
| 7 | | | | | | | | | | | | | | | | |
| 8 | CUMULATIVE INVESTMENT | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 | 111,285 |
| 9 | LESS: ACC. DEPRECIATION | 5,148 | 7,003 | 8,858 | 10,713 | 12,568 | 14,423 | 16,278 | 18,133 | 19,988 | 21,843 | 23,698 | 25,553 | 27,408 | 27,408 | 27,408 |
| 10 | NET INVESTMENT | 106,137 | 104,282 | 102,427 | 100,572 | 98,717 | 96,862 | 95,007 | 93,152 | 91,297 | 89,442 | 87,587 | 85,732 | 83,877 | 83,877 | 83,877 |
| 11 | AVERAGE INVESTMENT | | 105,209 | 103,354 | 101,499 | 99,644 | 97,789 | 95,934 | 94,079 | 92,224 | 90,369 | 88,514 | 86,659 | 84,804 | 84,804 | |
| 12 | RETURN ON AVERAGE INVESTMENT | | 691 | 678 | 667 | 654 | 643 | 630 | 618 | 606 | 593 | 582 | 569 | 557 | 557 | 7,488 |
| 13 | | | | | | | | | | | | | | | | |
| 14 | RETURN REQUIREMENTS | | 962 | 944 | 929 | 911 | 895 | 877 | 860 | 844 | 826 | 811 | 793 | 776 | 776 | 10,428 |
| 15 | | | | | | | | | | | | | | | | |
| 16 | PROGRAM TOTAL | | \$ 2,817 | \$ 2,799 | \$ 2,784 | \$ 2,766 | \$ 2,750 | \$ 2,732 | \$ 2,715 | \$ 2,699 | \$ 2,681 | \$ 2,666 | \$ 2,648 | \$ 2,631 | \$ 2,631 | \$32,688 |
| 17 | | | | | | | | | | | | | | | | |
| 18 | CONSERVATION PROGRAM ADMIN (20015935) (E) | | | | | | | | | | | | | | | |
| 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 | 43,899 | 43,899 |
| 21 | DEPRECIATION BASE | | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 55,709 |
| 22 | | | | | | | | | | | | | | | | |
| 23 | DEPRECIATION EXPENSE (20% rate) | | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 928 | 15,162 |
| 24 | | | | | | | | | | | | | | | | |
| 25 | CUMULATIVE INVESTMENT | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 33,759 | 33,759 |
| 26 | LESS: ACC. DEPRECIATION | 46,749 | 48,043 | 49,337 | 50,631 | 51,925 | 53,219 | 54,513 | 55,807 | 57,101 | 58,395 | 59,689 | 60,983 | 62,277 | 62,277 | 18,011 |
| 27 | NET INVESTMENT | 30,910 | 29,616 | 28,322 | 27,028 | 25,734 | 24,440 | 23,146 | 21,852 | 20,558 | 19,264 | 17,970 | 16,676 | 15,382 | 15,382 | 15,748 |
| 28 | AVERAGE INVESTMENT | | 30,263 | 28,969 | 27,675 | 26,381 | 25,087 | 23,793 | 22,499 | 21,205 | 19,911 | 18,617 | 17,323 | 16,029 | 16,029 | |
| 29 | RETURN ON AVERAGE INVESTMENT | | 198 | 190 | 182 | 173 | 165 | 157 | 147 | 139 | 131 | 122 | 114 | 107 | 107 | 1,825 |
| 30 | | | | | | | | | | | | | | | | |
| 31 | RETURN REQUIREMENTS | | 276 | 265 | 254 | 241 | 230 | 219 | 205 | 194 | 182 | 170 | 159 | 149 | 149 | 2,544 |
| 32 | | | | | | | | | | | | | | | | |
| 33 | PROGRAM TOTAL | | \$ 1,570 | \$ 1,559 | \$ 1,548 | \$ 1,535 | \$ 1,524 | \$ 1,513 | \$ 1,499 | \$ 1,488 | \$ 1,476 | \$ 1,464 | \$ 1,453 | \$ 1,442 | \$ 1,442 | \$17,706 |
| 34 | | | | | | | | | | | | | | | | |
| 35 | TECH DEVELOPMENT (20015939) (E) | | | | | | | | | | | | | | | |
| 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 | 6,224 | 6,224 |
| 38 | DEPRECIATION BASE | | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 16,359 |
| 39 | | | | | | | | | | | | | | | | |
| 40 | DEPRECIATION EXPENSE (20% rate) | | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 273 | 3,848 |
| 41 | | | | | | | | | | | | | | | | |
| 42 | CUMULATIVE INVESTMENT | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 13,247 | 13,247 |
| 43 | LESS: ACC. DEPRECIATION | 9,920 | 10,245 | 10,570 | 10,895 | 11,220 | 11,545 | 11,870 | 12,195 | 12,520 | 12,845 | 13,170 | 13,495 | 13,820 | 13,820 | 7,544 |
| 44 | NET INVESTMENT | 9,551 | 9,226 | 8,901 | 8,576 | 8,251 | 7,926 | 7,601 | 7,276 | 6,951 | 6,626 | 6,301 | 5,976 | 5,651 | 5,651 | 5,703 |
| 45 | AVERAGE INVESTMENT | | 9,388 | 9,063 | 8,738 | 8,413 | 8,088 | 7,763 | 7,438 | 7,113 | 6,788 | 6,463 | 6,138 | 5,813 | 5,813 | |
| 46 | RETURN ON AVERAGE INVESTMENT | | 62 | 59 | 58 | 56 | 53 | 51 | 49 | 47 | 45 | 43 | 40 | 38 | 38 | 601 |
| 47 | | | | | | | | | | | | | | | | |
| 48 | RETURN REQUIREMENTS | | 86 | 82 | 81 | 78 | 74 | 71 | 68 | 65 | 63 | 60 | 56 | 53 | 53 | 837 |
| 49 | | | | | | | | | | | | | | | | |
| 50 | PROGRAM TOTAL | | \$ 411 | \$ 407 | \$ 406 | \$ 403 | \$ 399 | \$ 396 | \$ 393 | \$ 390 | \$ 388 | \$ 385 | \$ 381 | \$ 378 | \$ 378 | \$4,885 |

NOTES:
 - 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 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C-2
 PAGE 6 OF 9

| LINE NO. | PROGRAM TITLE | BEGINNING BALANCE | ESTIMATED | | | | | | | | | | | | TOTAL | |
|----------|---|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|-----------|
| | | | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | | |
| 1 | STANDBY GENERATION (20021332) (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 | | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 |
| 5 | | | | | | | | | | | | | | | | |
| 6 | DEPRECIATION EXPENSE (20% rate) | | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 7,318 | 87,816 |
| 7 | | | | | | | | | | | | | | | | |
| 8 | CUMULATIVE INVESTMENT | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 | 439,068 |
| 9 | LESS: ACC. DEPRECIATION | 87,517 | 94,835 | 102,153 | 109,471 | 116,789 | 124,107 | 131,425 | 138,743 | 146,061 | 153,379 | 160,697 | 168,015 | 175,333 | 175,333 | 175,333 |
| 10 | NET INVESTMENT | 351,551 | 344,233 | 336,915 | 329,597 | 322,279 | 314,961 | 307,643 | 300,325 | 293,007 | 285,689 | 278,371 | 271,053 | 263,735 | 263,735 | 263,735 |
| 11 | AVERAGE INVESTMENT | | 347,892 | 340,574 | 333,256 | 325,938 | 318,620 | 311,302 | 303,984 | 296,666 | 289,348 | 282,030 | 274,712 | 267,394 | 267,394 | 267,394 |
| 12 | RETURN ON AVERAGE INVESTMENT | | 2,285 | 2,237 | 2,189 | 2,141 | 2,092 | 2,044 | 1,996 | 1,948 | 1,900 | 1,852 | 1,804 | 1,756 | 1,756 | 24,244 |
| 13 | | | | | | | | | | | | | | | | |
| 14 | RETURN REQUIREMENTS | | 3,182 | 3,116 | 3,049 | 2,982 | 2,913 | 2,847 | 2,780 | 2,713 | 2,646 | 2,579 | 2,512 | 2,446 | 2,446 | 33,765 |
| 15 | | | | | | | | | | | | | | | | |
| 16 | PROGRAM TOTAL | | \$ 10,500 | \$ 10,434 | \$ 10,367 | \$ 10,300 | \$ 10,231 | \$ 10,165 | \$ 10,098 | \$ 10,031 | \$ 9,964 | \$ 9,897 | \$ 9,830 | \$ 9,764 | \$ 9,764 | \$121,581 |
| 17 | | | | | | | | | | | | | | | | |
| 18 | INTERRUPTIBLE SERVICE (20015941) (D) | | | | | | | | | | | | | | | |
| 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 | | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 |
| 22 | | | | | | | | | | | | | | | | |
| 23 | DEPRECIATION EXPENSE (20% rate) | | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 3,804 | 45,648 |
| 24 | | | | | | | | | | | | | | | | |
| 25 | CUMULATIVE INVESTMENT | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 | 228,248 |
| 26 | LESS: ACC. DEPRECIATION | 57,680 | 61,484 | 65,288 | 69,092 | 72,896 | 76,700 | 80,504 | 84,308 | 88,112 | 91,916 | 95,720 | 99,524 | 103,328 | 103,328 | 103,328 |
| 27 | NET INVESTMENT | 170,568 | 166,764 | 162,960 | 159,156 | 155,352 | 151,548 | 147,744 | 143,940 | 140,136 | 136,332 | 132,528 | 128,724 | 124,920 | 124,920 | 124,920 |
| 28 | AVERAGE INVESTMENT | | 168,666 | 164,862 | 161,058 | 157,254 | 153,450 | 149,646 | 145,842 | 142,038 | 138,234 | 134,430 | 130,626 | 126,822 | 126,822 | 126,822 |
| 29 | RETURN ON AVERAGE INVESTMENT | | 1,108 | 1,083 | 1,057 | 1,033 | 1,008 | 983 | 958 | 933 | 908 | 883 | 857 | 833 | 833 | 11,644 |
| 30 | | | | | | | | | | | | | | | | |
| 31 | RETURN REQUIREMENTS | | 1,543 | 1,508 | 1,472 | 1,439 | 1,404 | 1,369 | 1,334 | 1,299 | 1,265 | 1,230 | 1,194 | 1,160 | 1,160 | 16,217 |
| 32 | | | | | | | | | | | | | | | | |
| 33 | PROGRAM TOTAL | | \$ 5,347 | \$ 5,312 | \$ 5,276 | \$ 5,243 | \$ 5,208 | \$ 5,173 | \$ 5,138 | \$ 5,103 | \$ 5,069 | \$ 5,034 | \$ 4,998 | \$ 4,964 | \$ 4,964 | \$61,865 |
| 34 | | | | | | | | | | | | | | | | |
| 35 | COMMERCIAL SOLAR FOR SCHOOLS (20084917) (E) | | | | | | | | | | | | | | | |
| 36 | INVESTMENT | | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 37 | RETIREMENTS | | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| 38 | DEPRECIATION BASE | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 39 | | | | | | | | | | | | | | | | |
| 40 | DEPRECIATION EXPENSE (20% rate) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 41 | | | | | | | | | | | | | | | | |
| 42 | CUMULATIVE INVESTMENT | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 43 | LESS: ACC. DEPRECIATION | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 44 | NET INVESTMENT | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 45 | AVERAGE INVESTMENT | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 46 | RETURN ON AVERAGE INVESTMENT | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 47 | | | | | | | | | | | | | | | | |
| 48 | RETURN REQUIREMENTS | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 49 | | | | | | | | | | | | | | | | |
| 50 | PROGRAM TOTAL | | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |

NOTES:
 - 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 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C-2
 PAGE 7 OF 9

| LINE NO. | PROGRAM TITLE | BEGINNING BALANCE | ESTIMATED | | | | | | | | | | | | TOTAL | |
|----------|---|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|---------|
| | | | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | | |
| 1 | RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (ITEMIZED BELOW) | | | | | | | | | | | | | | | |
| 2 | EXPENDITURES BOOKED DIRECTLY TO PLANT | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 3 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,513 | 0 | 142,694 | 151,207 |
| 4 | INVESTMENTS BOOKED TO CWIP | 2,160,016 | 2,246,513 | 2,455,890 | 1,658,134 | 2,960,388 | 2,373,570 | 2,241,471 | 2,354,008 | 6,653,461 | 5,993,721 | 5,690,945 | 5,617,806 | 42,405,925 | | |
| 5 | CLOSINGS TO PLANT | \$ 11,142 | \$ 125,866 | \$ 28,189 | \$ 17,094 | \$ 968,722 | \$ 28,187 | \$ 437,272 | 2,230,004 | 937,680 | 4,325,824 | 288,817 | 7,184,731 | 16,583,528 | | |
| 6 | DEPRECIATION BASE | 1,168,207 | 1,236,711 | 1,313,739 | 1,336,380 | 1,829,288 | 2,327,742 | 2,560,472 | 3,894,110 | 5,477,952 | 8,105,448 | 10,408,511 | 14,073,938 | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | DEPRECIATION EXPENSE (itemized below) | 19,470 | 20,612 | 21,896 | 22,273 | 30,488 | 38,796 | 42,675 | 63,535 | 88,005 | 129,011 | 165,022 | 220,057 | 861,840 | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | CUMULATIVE PLANT INVEST. | \$ 1,162,636 | 1,173,778 | 1,299,644 | 1,327,833 | 1,344,927 | 2,313,649 | 2,341,838 | 2,779,108 | 5,009,112 | 5,946,792 | 10,264,102 | 10,552,920 | 17,594,957 | 17,594,957 | |
| 11 | LESS: ACC. DEPRECIATION | \$ 728,729 | 748,199 | 768,811 | 790,707 | 812,980 | 843,468 | 882,264 | 924,939 | 988,474 | 1,076,479 | 1,196,977 | 1,361,999 | 1,439,362 | 1,439,362 | |
| 12 | NET PLANT INVESTMENT | \$ 433,907 | 425,579 | 530,833 | 537,126 | 531,947 | 1,470,181 | 1,459,572 | 1,854,169 | 4,020,638 | 4,870,313 | 9,067,126 | 9,190,921 | 16,155,596 | 16,155,596 | |
| 13 | CUMULATIVE CWIP INVEST. | \$ 10,556,887.90 | 12,705,763 | 14,826,410 | 17,254,111 | 18,895,150 | 20,886,817 | 23,232,201 | 25,036,400 | 25,160,403 | 30,876,185 | 32,544,082 | 37,946,210 | 36,379,285 | 36,379,285 | |
| 14 | AVERAGE INVESTMENT | 12,061,068 | 14,244,292 | 16,574,240 | 18,609,167 | 20,892,048 | 23,524,385 | 25,791,170 | 28,035,805 | 32,463,770 | 38,678,853 | 44,374,169 | 49,836,006 | | | |
| 15 | RETURN ON AVG. INVEST. | 79,212 | 93,550 | 108,852 | 122,215 | 137,207 | 154,497 | 169,384 | 184,126 | 213,205 | 254,024 | 291,426 | 327,299 | 2,134,997 | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | RETURN REQUIREMENTS | 110,318 | 130,286 | 151,598 | 170,208 | 191,088 | 215,167 | 235,900 | 256,431 | 296,930 | 353,778 | 405,867 | 455,827 | \$2,973,397 | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | PROGRAM TOTAL | \$ 129,788 | \$ 150,898 | \$ 173,494 | \$ 192,481 | \$ 221,576 | \$ 253,963 | \$ 278,575 | \$ 319,966 | \$ 384,935 | \$ 482,789 | \$ 570,889 | \$ 675,884 | \$ 3,835,237 | | |
| 20 | | | | | | | | | | | | | | | | |
| 21 | RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID HARDWARE FOR ODS, LMS, APPDEV. ALSO INCLUDES SMARTGRID TELECOM. (D) | | | | | | | | | | | | | | | |
| 22 | EXPENDITURES BOOKED DIRECTLY TO PLANT | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 23 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | INVESTMENTS BOOKED TO CWIP | 663,330 | 679,348 | 915,600 | 721,607 | 822,413 | 984,160 | 753,454 | 1,120,619 | 1,855,488 | 2,191,997 | 2,062,443 | 1,753,713 | 14,524,193 | | |
| 25 | CLOSINGS TO PLANT | | | | | | | | 573,789 | 235,882 | 934,172 | 62,845 | 2,480,592 | 4,287,280 | | |
| 26 | DEPRECIATION BASE | - | - | - | - | - | - | - | 286,895 | 691,730 | 1,276,757 | 1,775,265 | 3,046,984 | | | |
| 27 | | | | | | | | | | | | | | | | |
| 28 | DEPRECIATION EXPENSE (14.29% rate) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,415 | 8,236 | 15,199 | 21,134 | 36,274 | 84,257 | | |
| 29 | | | | | | | | | | | | | | | | |
| 30 | CUMULATIVE PLANT INVEST. | 0 | - | - | - | - | - | - | 573,789 | 809,671 | 1,743,843 | 1,806,888 | 4,287,280 | 4,287,280 | | |
| 31 | LESS: ACC. DEPRECIATION | 0 | - | - | - | - | - | - | 3,415 | 11,650 | 26,849 | 47,983 | 84,257 | 84,257 | | |
| 32 | NET PLANT INVESTMENT | 0 | - | - | - | - | - | - | 570,374 | 798,021 | 1,716,994 | 1,758,905 | 4,203,023 | 4,203,023 | | |
| 33 | CUMULATIVE CWIP INVEST. | 4,239,436 | 4,902,766 | 5,582,114 | 6,497,714 | 7,219,321 | 8,041,734 | 9,025,914 | 9,779,369 | 10,326,198 | 11,945,805 | 13,203,630 | 15,203,228 | 14,476,349 | 14,476,349 | |
| 34 | AVERAGE INVESTMENT | 4,571,101 | 5,242,440 | 6,039,914 | 6,858,518 | 7,630,528 | 8,533,824 | 9,402,641 | 10,337,971 | 11,820,199 | 13,832,225 | 15,941,278 | 17,820,652 | | | |
| 35 | RETURN ON AVG. INVEST. | 30,021 | 34,430 | 39,667 | 45,043 | 50,113 | 56,046 | 61,752 | 67,895 | 77,629 | 90,843 | 104,694 | 117,037 | 775,170 | | |
| 36 | | | | | | | | | | | | | | | | |
| 37 | RETURN REQUIREMENTS | 41,810 | 47,950 | 55,244 | 62,731 | 69,792 | 78,055 | 86,002 | 94,557 | 108,113 | 126,517 | 145,807 | 162,997 | \$1,079,574 | | |
| 38 | | | | | | | | | | | | | | | | |
| 39 | PROGRAM TOTAL | \$ 41,810 | \$ 47,950 | \$ 55,244 | \$ 62,731 | \$ 69,792 | \$ 78,055 | \$ 86,002 | \$ 97,972 | \$ 116,348 | \$ 141,716 | \$ 166,941 | \$ 190,271 | \$ 1,163,831 | | |

NOTES:
 - 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 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-2
PAGE 8 OF 9

| LINE NO. | PROGRAM TITLE | BEGINNING BALANCE | ESTIMATED | | | | | | | | | | | | TOTAL | |
|----------|---|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|--------------|--------------|
| | | | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | | |
| 1 | RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID SOFTWARE FOR ODS, LMS, APPDEV (D) | | | | | | | | | | | | | | | |
| 2 | EXPENDITURES BOOKED DIRECTLY TO PLANT | | \$ 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 | INVESTMENTS BOOKED TO CWIP | | 810,257 | 876,218 | 964,911 | 553,415 | 667,639 | 1,076,777 | 801,235 | 942,770 | 1,572,778 | 518,443 | 451,518 | 670,276 | 9,906,237 | 9,906,237 |
| 5 | CLOSINGS TO PLANT | | | | | | | | | 1,638,578 | 673,611 | 3,377,582 | 208,330 | 4,670,383 | 10,568,484 | 10,568,484 |
| 6 | DEPRECIATION BASE | | - | - | - | - | - | - | - | 819,289 | 1,975,384 | 4,000,960 | 5,793,936 | 8,233,292 | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | DEPRECIATION EXPENSE (20% rate) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,655 | 32,923 | 66,683 | 96,566 | 137,222 | 347,049 | 347,049 |
| 9 | | | | | | | | | | | | | | | | |
| 10 | CUMULATIVE PLANT INVEST. | 0 | - | - | - | - | - | - | - | 1,638,578 | 2,312,189 | 5,689,771 | 5,898,101 | 10,568,484 | 10,568,484 | 10,568,484 |
| 11 | LESS: ACC. DEPRECIATION | 0 | - | - | - | - | - | - | - | 13,655 | 46,578 | 113,261 | 209,827 | 347,049 | 347,049 | 347,049 |
| 12 | NET PLANT INVESTMENT | 0 | - | - | - | - | - | - | - | 1,624,923 | 2,265,611 | 5,576,510 | 5,688,274 | 10,221,435 | 10,221,435 | 10,221,435 |
| 13 | CUMULATIVE CWIP INVEST. | 662,246 | 1,472,503 | 2,348,722 | 3,313,632 | 3,867,047 | 4,534,686 | 5,611,463 | 6,412,698 | 5,716,890 | 6,616,057 | 3,756,919 | 4,000,106 | - | - | - |
| 14 | AVERAGE INVESTMENT | | 1,067,375 | 1,910,613 | 2,831,177 | 3,590,340 | 4,200,867 | 5,073,075 | 6,012,081 | 6,877,256 | 8,111,741 | 9,107,548 | 9,510,904 | 9,954,907 | | |
| 15 | RETURN ON AVG. INVEST. | | 7,010 | 12,548 | 18,594 | 23,579 | 27,589 | 33,318 | 39,485 | 45,167 | 53,273 | 59,814 | 62,462 | 65,379 | 448,218 | 448,218 |
| 16 | | | | | | | | | | | | | | | | |
| 17 | RETURN REQUIREMENTS | | 9,763 | 17,475 | 25,896 | 32,838 | 38,423 | 46,402 | 54,990 | 62,904 | 74,193 | 83,303 | 86,990 | 91,053 | \$624,230 | \$624,230 |
| 18 | | | | | | | | | | | | | | | | |
| 19 | PROGRAM TOTAL | | \$ 9,763 | \$ 17,475 | \$ 25,896 | \$ 32,838 | \$ 38,423 | \$ 46,402 | \$ 54,990 | \$ 76,559 | \$ 107,116 | \$ 149,986 | \$ 183,556 | \$ 228,275 | \$ 971,279 | \$ 971,279 |
| 20 | | | | | | | | | | | | | | | | |
| 21 | RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID AMI METERS (D) | | | | | | | | | | | | | | | |
| 22 | EXPENDITURES BOOKED DIRECTLY TO PLANT | | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 23 | RETIREMENTS | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | INVESTMENTS BOOKED TO CWIP | | 675,287 | 565,080 | 547,190 | 366,017 | 501,615 | 284,427 | 249,510 | 272,982 | 3,197,008 | 3,269,211 | 3,159,342 | 3,160,060 | 16,247,730 | 16,247,730 |
| 25 | CLOSINGS TO PLANT | | | | | | | | | | | | | | | |
| 26 | DEPRECIATION BASE | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | | | | | | | | | | | | | | | | |
| 28 | DEPRECIATION EXPENSE (5.97% rate) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | | | | | | | | | | | | | | | | |
| 30 | CUMULATIVE PLANT INVEST. | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | LESS: ACC. DEPRECIATION | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | NET PLANT INVESTMENT | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | CUMULATIVE CWIP INVEST. | 5,655,206 | 6,330,494 | 6,895,574 | 7,442,764 | 7,808,782 | 8,310,397 | 8,594,823 | 8,844,333 | 9,117,315 | 12,314,323 | 15,583,533 | 18,742,876 | 21,902,936 | 21,902,936 | 21,902,936 |
| 34 | AVERAGE INVESTMENT | | 5,992,850 | 6,613,034 | 7,169,169 | 7,625,773 | 8,059,589 | 8,452,610 | 8,719,578 | 8,980,824 | 10,715,819 | 13,948,928 | 17,163,205 | 20,322,906 | | |
| 35 | RETURN ON AVG. INVEST. | | 39,358 | 43,431 | 47,084 | 50,083 | 52,931 | 55,512 | 57,266 | 58,982 | 70,376 | 91,610 | 112,719 | 133,471 | 812,623 | 812,623 |
| 36 | | | | | | | | | | | | | | | | |
| 37 | RETURN REQUIREMENTS | | 54,814 | 60,486 | 65,574 | 69,750 | 73,717 | 77,311 | 79,754 | 82,144 | 98,012 | 127,584 | 156,983 | 185,884 | \$1,132,014 | \$1,132,014 |
| 38 | | | | | | | | | | | | | | | | |
| 39 | PROGRAM TOTAL | | \$ 54,814 | \$ 60,486 | \$ 65,574 | \$ 69,750 | \$ 73,717 | \$ 77,311 | \$ 79,754 | \$ 82,144 | \$ 98,012 | \$ 127,584 | \$ 156,983 | \$ 185,884 | \$ 1,132,014 | \$ 1,132,014 |

NOTES:

- 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 2012 - DECEMBER 2012

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-2
PAGE 9 OF 9

| LINE NO. | PROGRAM TITLE | BEGINNING BALANCE | ESTIMATED | | | | | | | | | | | | TOTAL | |
|----------|--|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|--------------|
| | | | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | | |
| 1 | RESIDENTIAL ENERGY MANAGEMENT - NON-SMARTGRID RESIDENTIAL PROJECTS (D) | | | | | | | | | | | | | | | |
| 2 | EXPENDITURES BOOKED DIRECTLY TO PLANT | | \$ 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 | 8,513 | 0 | 142,694 | 151,207 |
| 4 | INVESTMENTS BOOKED TO CWIP | | \$ 11,142 | \$ 125,866 | \$ 28,189 | \$ 17,094 | \$ 968,722 | \$ 28,187 | \$ 437,272 | \$ 17,637 | \$ 28,187 | \$ 14,070 | \$ 17,642 | \$ 33,756 | 1,727,765 | 1,727,765 |
| 5 | CLOSINGS TO PLANT | | 11,142 | 125,866 | 28,189 | 17,094 | 968,722 | 28,187 | 437,272 | 17,637 | 28,187 | 14,070 | 17,642 | 33,756 | 1,727,765 | 1,727,765 |
| 6 | DEPRECIATION BASE | | 1,168,207 | 1,236,711 | 1,313,739 | 1,336,360 | 1,829,288 | 2,327,742 | 2,560,472 | 2,787,926 | 2,810,838 | 2,827,711 | 2,839,310 | 2,793,662 | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | DEPRECIATION EXPENSE (20% rate) | | 19,470 | 20,612 | 21,896 | 22,273 | 30,488 | 38,796 | 42,675 | 46,465 | 46,847 | 47,129 | 47,322 | 46,561 | 430,534 | 430,534 |
| 9 | | | | | | | | | | | | | | | | |
| 10 | CUMULATIVE PLANT INVEST. | 1,162,636 | 1,173,778 | 1,299,644 | 1,327,833 | 1,344,927 | 2,313,649 | 2,341,836 | 2,779,108 | 2,796,745 | 2,824,932 | 2,830,489 | 2,848,131 | 2,739,194 | 2,739,194 | 2,739,194 |
| 11 | LESS: ACC. AMORT. | 728,729 | 748,199 | 768,811 | 790,707 | 812,980 | 843,468 | 882,264 | 924,939 | 971,404 | 1,018,251 | 1,056,867 | 1,104,189 | 1,008,056 | 1,008,056 | 1,008,056 |
| 12 | NET PLANT INVESTMENT | 433,907 | 425,579 | 530,833 | 537,126 | 531,947 | 1,470,181 | 1,459,572 | 1,854,169 | 1,825,341 | 1,806,681 | 1,773,622 | 1,743,942 | 1,731,138 | 1,731,138 | 1,731,138 |
| 13 | CUMULATIVE CWIP INVEST. | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 | AVERAGE INVESTMENT | | 429,743 | 478,206 | 533,980 | 534,537 | 1,001,064 | 1,464,876 | 1,656,870 | 1,839,755 | 1,816,011 | 1,790,152 | 1,758,782 | 1,737,540 | | |
| 15 | RETURN ON AVG. INVEST. | | 2,823 | 3,141 | 3,507 | 3,510 | 6,574 | 9,621 | 10,881 | 12,082 | 11,927 | 11,757 | 11,551 | 11,412 | 98,786 | 98,786 |
| 16 | | | | | | | | | | | | | | | | |
| 17 | RETURN REQUIREMENTS | | 3,931 | 4,374 | 4,884 | 4,888 | 9,156 | 13,399 | 15,154 | 16,827 | 16,611 | 16,374 | 16,087 | 15,893 | 137,579 | 137,579 |
| 18 | | | | | | | | | | | | | | | | |
| 19 | PROGRAM TOTAL | | \$ 23,401 | \$ 24,986 | \$ 26,780 | \$ 27,161 | \$ 39,644 | \$ 52,195 | \$ 57,829 | \$ 63,292 | \$ 63,458 | \$ 63,503 | \$ 63,409 | \$ 62,454 | \$ 568,113 | \$ 568,113 |
| 20 | | | | | | | | | | | | | | | | |
| 21 | LOAD MANAGEMENT SWITCHES (9080120) (D) | | | | | | | | | | | | | | | |
| 22 | EXPENDITURES BOOKED DIRECTLY TO PLANT | | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 257,092 | \$ 3,085,101 |
| 23 | RETIREMENTS | | 138,501 | (6,785) | 363,985 | 290,021 | 397,733 | 425,220 | 128,040 | 335,798 | 154,084 | 446,860 | 363,574 | 245,089 | 3,282,120 | 3,282,120 |
| 24 | INVESTMENTS BOOKED TO CWIP | | 665,912 | 964,112 | 997,545 | 878,854 | 584,533 | 567,854 | 963,891 | 702,500 | 362,824 | 470,442 | 586,593 | 89,698 | 7,834,558 | 7,834,558 |
| 25 | CLOSINGS TO PLANT | | | | | | | | | | | | | | 0 | 0 |
| 26 | AMORTIZATION BASE | | 19,716,151 | 19,907,385 | 19,985,876 | 19,915,965 | 19,829,180 | 19,674,795 | 19,655,256 | 19,680,429 | 19,692,580 | 19,649,200 | 19,501,074 | 19,453,835 | | |
| 27 | | | | | | | | | | | | | | | | |
| 28 | AMORTIZATION EXPENSE (20% rate) | | 328,603 | 331,790 | 333,099 | 331,933 | 330,487 | 327,914 | 327,588 | 328,008 | 328,210 | 327,487 | 325,019 | 324,231 | 3,944,369 | 3,944,369 |
| 29 | | | | | | | | | | | | | | | | |
| 30 | CUMULATIVE PLANT INVEST. | 19,656,855 | 19,775,446 | 20,039,323 | 19,932,430 | 19,899,500 | 19,758,859 | 19,580,731 | 19,719,782 | 19,641,076 | 19,744,084 | 19,554,316 | 19,447,833 | 19,459,836 | 19,459,836 | 19,459,836 |
| 31 | LESS: ACC. AMORT. | 10,770,107 | 10,960,209 | 11,298,784 | 11,267,898 | 11,309,810 | 11,242,564 | 11,145,258 | 11,344,806 | 11,337,016 | 11,511,142 | 11,391,769 | 11,353,214 | 11,432,356 | 11,432,356 | 11,432,356 |
| 32 | NET PLANT INVESTMENT | 8,886,748 | 8,815,237 | 8,740,539 | 8,664,532 | 8,589,690 | 8,516,295 | 8,445,473 | 8,374,977 | 8,304,060 | 8,232,942 | 8,162,547 | 8,094,620 | 8,027,480 | 8,027,480 | 8,027,480 |
| 33 | CUMULATIVE CWIP INVEST. | 32,058,499 | 32,724,411 | 33,688,523 | 34,686,068 | 35,564,922 | 36,149,455 | 36,717,109 | 37,680,999 | 38,383,499 | 38,746,324 | 39,216,785 | 39,803,358 | 39,893,056 | 39,893,056 | 39,893,056 |
| 34 | AVERAGE INVESTMENT | | 41,242,448 | 41,984,355 | 42,889,831 | 43,752,606 | 44,410,181 | 44,914,166 | 45,609,279 | 46,371,768 | 46,833,413 | 47,179,289 | 47,638,645 | 47,909,257 | | |
| 35 | RETURN ON AVG. INVEST. | | 270,859 | 275,732 | 281,679 | 287,345 | 291,664 | 294,974 | 298,539 | 304,547 | 307,579 | 309,850 | 312,867 | 314,644 | 3,551,279 | 3,551,279 |
| 36 | | | | | | | | | | | | | | | | |
| 37 | RETURN REQUIREMENTS | | 377,224 | 384,010 | 392,293 | 400,184 | 406,198 | 410,808 | 417,166 | 424,140 | 428,363 | 431,526 | 435,728 | 438,203 | 4,945,843 | 4,945,843 |
| 38 | | | | | | | | | | | | | | | | |
| 39 | PROGRAM TOTAL | | \$ 705,827 | \$ 715,600 | \$ 725,392 | \$ 732,117 | \$ 736,685 | \$ 738,722 | \$ 744,754 | \$ 752,148 | \$ 756,573 | \$ 759,013 | \$ 760,747 | \$ 762,434 | \$ 8,890,212 | \$ 8,890,212 |
| 40 | | | | | | | | | | | | | | | | |
| 41 | SUMMARY OF DEMAND & ENERGY: | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | |
| 43 | ENERGY | | 7,668 | 7,617 | 7,569 | 7,513 | 7,464 | 7,410 | 7,357 | 7,305 | 7,252 | 7,202 | 7,128 | 6,515 | 88,000 | 88,000 |
| 44 | DEMAND | | 851,482 | 882,444 | 914,529 | 940,141 | 973,700 | 1,008,023 | 1,038,565 | 1,087,248 | 1,156,541 | 1,256,733 | 1,346,464 | 1,453,046 | 12,908,895 | 12,908,895 |
| 45 | TOTAL DEPRECIATION AND RETURN | | 859,130 | 890,061 | 922,098 | 947,654 | 981,164 | 1,015,433 | 1,045,922 | 1,094,553 | 1,163,793 | 1,263,935 | 1,353,592 | 1,459,561 | 12,996,895 | 12,996,895 |

- 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
 CONSERVATION PROGRAM COSTS
 JANUARY through JULY, 2011 ACTUAL
 AUGUST through DECEMBER, 2011 ESTIMATED

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C - 3
 PAGE 1 OF 12

| LINE NO. | PROGRAM TITLE | DEPRECIATION AMORTIZATION & RETURN | OPERATING AND MAINTENANCE COSTS | | | | | | PROGRAM REVENUES (CREDITS) | TOTAL | |
|----------|------------------------------|------------------------------------|---------------------------------|----------|------------------|----------------------|-------------|-------------|----------------------------|-------|-------------|
| | | | PAYROLL & BENEFITS | VEHICLES | OUTSIDE SERVICES | MATERIALS & SUPPLIES | ADVERTISING | INCENTIVES | | | OTHER |
| 1 | BETTER BUSINESS | | | | | | | | | | |
| 2 | A. ACTUAL | \$8,728 | \$107,391 | \$0 | \$16,627 | \$6,344 | \$52,681 | \$1,220,995 | \$11,588 | \$0 | \$1,424,354 |
| 3 | B. ESTIMATED | 6,099 | 218,923 | 0 | 5,640 | 12,144 | 33,520 | 759,005 | 107,191 | 0 | 1,142,523 |
| 4 | | | | | | | | | | | |
| 5 | C. TOTAL | 14,827 | 326,314 | 0 | 22,267 | 18,488 | 86,201 | 1,980,000 | 118,779 | 0 | 2,566,876 |
| 6 | | | | | | | | | | | |
| 7 | RESIDENTIAL NEW CONSTRUCTION | | | | | | | | | | |
| 8 | A. ACTUAL | \$0 | \$401,326 | \$0 | \$1,503 | \$972 | \$65,281 | \$1,010,788 | \$29,479 | \$0 | \$1,509,348 |
| 9 | B. ESTIMATED | 0 | 393,121 | 0 | 1,200 | 4,837 | 55,154 | 843,762 | 32,374 | 0 | 1,330,447 |
| 10 | | | | | | | | | | | |
| 11 | C. TOTAL | 0 | 794,447 | 0 | 2,703 | 5,808 | 120,435 | 1,854,550 | 61,853 | 0 | 2,839,796 |
| 12 | | | | | | | | | | | |
| 13 | HOME ENERGY IMPROVEMENT | | | | | | | | | | |
| 14 | A. ACTUAL | \$12,156 | \$783,278 | \$0 | \$67,455 | \$808 | \$883,221 | \$3,565,135 | \$62,340 | \$0 | \$5,374,394 |
| 15 | B. ESTIMATED | 8,322 | 706,491 | 0 | 128,554 | 18,039 | 547,734 | 2,712,834 | 70,319 | 0 | 4,192,294 |
| 16 | | | | | | | | | | | |
| 17 | C. TOTAL | 20,478 | 1,489,769 | 0 | 196,010 | 18,847 | 1,430,955 | 6,277,969 | 132,659 | 0 | 9,566,687 |
| 18 | | | | | | | | | | | |
| 19 | C/I NEW CONSTRUCTION | | | | | | | | | | |
| 20 | A. ACTUAL | \$0 | \$34,407 | \$0 | \$9,954 | \$3,425 | \$24,807 | \$110,476 | \$7,228 | \$0 | \$190,297 |
| 21 | B. ESTIMATED | 0 | 43,362 | 0 | 7,227 | 10,508 | 20,283 | 90,307 | 57,850 | 0 | 229,536 |
| 22 | | | | | | | | | | | |
| 23 | C. TOTAL | 0 | 77,769 | 0 | 17,181 | 13,933 | 45,090 | 200,783 | 65,077 | 0 | 419,833 |
| 24 | | | | | | | | | | | |
| 25 | HOME ENERGY CHECK | | | | | | | | | | |
| 26 | A. ACTUAL | \$354 | \$2,375,730 | \$0 | \$103,123 | \$139,369 | \$1,702,967 | \$175 | \$169,445 | \$0 | \$4,491,164 |
| 27 | B. ESTIMATED | 238 | 2,202,003 | 0 | 128,600 | 176,583 | 1,316,549 | -175 | 253,710 | 0 | 4,077,508 |
| 28 | | | | | | | | | | | |
| 29 | C. TOTAL | 592 | 4,577,733 | 0 | 231,724 | 315,952 | 3,019,516 | 0 | 423,155 | 0 | 8,568,671 |
| 30 | | | | | | | | | | | |
| 31 | LOW INCOME | | | | | | | | | | |
| 32 | A. ACTUAL | \$0 | \$56,517 | \$0 | \$0 | \$0 | \$16,216 | \$106,955 | \$6,752 | \$0 | \$186,440 |
| 33 | B. ESTIMATED | 0 | 41,107 | 0 | 0 | 0 | 13,304 | 93,045 | 2,847 | 0 | 150,302 |
| 34 | | | | | | | | | | | |
| 35 | C. TOTAL | 0 | 97,624 | 0 | 0 | 0 | 29,519 | 200,000 | 9,599 | 0 | 336,742 |

PROGRESS ENERGY FLORIDA
 CONSERVATION PROGRAM COSTS
 JANUARY through JULY, 2011 ACTUAL
 AUGUST through DECEMBER, 2011 ESTIMATED

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C - 3
 PAGE 2 OF 12

| 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 | \$13,342 | \$0 | \$7,107 | \$0 | \$10,433 | \$112,613 | \$334 | \$0 | \$143,830 |
| 3 | B. ESTIMATED | 0 | 8,584 | 0 | 3,370 | 0 | 0 | 212,388 | 1,019 | 0 | 225,360 |
| 4 | | | | | | | | | | | |
| 5 | C. TOTAL | 0 | 21,926 | 0 | 10,477 | 0 | 10,433 | 325,000 | 1,354 | 0 | 369,190 |
| 6 | | | | | | | | | | | |
| 7 | NEIGHBORHOOD ENERGY SAVER | | | | | | | | | | |
| 8 | A. ACTUAL | \$0 | \$84,595 | \$0 | \$4,317 | \$77 | \$18,028 | \$389,510 | \$33,019 | \$0 | \$529,545 |
| 9 | B. ESTIMATED | 0 | 68,246 | 0 | 0 | 0 | 10,371 | 576,861 | 15,186 | 0 | 670,663 |
| 10 | | | | | | | | | | | |
| 11 | C. TOTAL | 0 | 152,841 | 0 | 4,317 | 77 | 28,398 | 966,370 | 48,204 | 0 | 1,200,208 |
| 12 | | | | | | | | | | | |
| 13 | BUSINESS ENERGY CHECK | | | | | | | | | | |
| 14 | A. ACTUAL | \$542 | \$751,038 | \$0 | \$277,637 | \$12,202 | \$79,420 | \$0 | \$76,451 | \$0 | \$1,197,289 |
| 15 | B. ESTIMATED | 7,303 | 583,872 | 0 | 467,500 | 12,278 | 29,722 | 0 | 73,744 | 0 | 1,174,420 |
| 16 | | | | | | | | | | | |
| 17 | C. TOTAL | 7,845 | 1,334,911 | 0 | 745,136 | 24,480 | 109,142 | 0 | 150,195 | 0 | 2,371,709 |
| 18 | | | | | | | | | | | |
| 19 | QUALIFYING FACILITY | | | | | | | | | | |
| 20 | A. ACTUAL | \$0 | \$424,012 | \$0 | \$46,268 | \$335 | \$0 | \$0 | \$10,304 | \$0 | \$480,918 |
| 21 | B. ESTIMATED | 0 | 333,526 | 0 | 46,392 | 335 | 0 | 0 | 9,535 | 0 | 389,788 |
| 22 | | | | | | | | | | | |
| 23 | C. TOTAL | 0 | 757,538 | 0 | 92,659 | 669 | 0 | 0 | 19,839 | 0 | 870,706 |
| 24 | | | | | | | | | | | |
| 25 | INNOVATION INCENTIVE | | | | | | | | | | |
| 26 | A. ACTUAL | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 27 | B. ESTIMATED | 0 | 4,000 | 0 | 6,500 | 0 | 0 | 13,500 | 150 | 0 | 24,150 |
| 28 | | | | | | | | | | | |
| 29 | C. TOTAL | 0 | 4,000 | 0 | 6,500 | 0 | 0 | 13,500 | 150 | 0 | 24,150 |
| 30 | | | | | | | | | | | |
| 31 | TECHNOLOGY DEVELOPMENT | | | | | | | | | | |
| 32 | A. ACTUAL | \$3,067 | \$112,955 | \$0 | \$51,203 | \$2,609 | \$0 | \$0 | \$140,020 | \$0 | \$309,853 |
| 33 | B. ESTIMATED | 2,100 | 93,286 | 0 | 58,197 | 0 | 0 | 0 | 3,625 | 0 | 157,208 |
| 34 | | | | | | | | | | | |
| 35 | C. TOTAL | 5,167 | 206,240 | 0 | 109,400 | 2,609 | 0 | 0 | 143,645 | 0 | 467,061 |

PROGRESS ENERGY FLORIDA
 CONSERVATION PROGRAM COSTS
 JANUARY through JULY, 2011 ACTUAL
 AUGUST through DECEMBER, 2011 ESTIMATED

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C - 3
 PAGE 3 OF 12

| 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 | \$39,494 | \$167,851 | \$0 | \$4,067 | \$2,052 | \$0 | \$1,329,908 | \$13,661 | \$0 | \$1,557,032 |
| 3 | B. ESTIMATED | 45,034 | 140,676 | 0 | 3,514 | 1,511 | 0 | 1,045,092 | 15,163 | 0 | 1,250,991 |
| 4 | | | | | | | | | | | |
| 5 | C. TOTAL | 84,528 | 308,527 | 0 | 7,581 | 3,563 | 0 | 2,375,000 | 28,823 | 0 | 2,808,022 |
| 6 | | | | | | | | | | | |
| 7 | INTERRUPT LOAD MANAGEMENT | | | | | | | | | | |
| 8 | A. ACTUAL | \$24,482 | \$45,209 | \$0 | \$0 | \$817 | \$0 | \$10,062,899 | \$5,918 | \$0 | \$10,139,325 |
| 9 | B. ESTIMATED | 22,336 | 32,974 | 0 | 2,793 | 794 | 0 | 7,587,101 | 8,250 | 0 | 7,654,249 |
| 10 | | | | | | | | | | | |
| 11 | C. TOTAL | 46,818 | 78,184 | 0 | 2,793 | 1,611 | 0 | 17,650,000 | 14,168 | 0 | 17,793,574 |
| 12 | | | | | | | | | | | |
| 13 | CURTAIL LOAD MANAGEMENT | | | | | | | | | | |
| 14 | A. ACTUAL | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$389,267 | \$0 | \$0 | \$389,267 |
| 15 | B. ESTIMATED | 0 | 0 | 0 | 0 | 0 | 0 | 320,733 | 0 | 0 | 320,733 |
| 16 | | | | | | | | | | | |
| 17 | C. TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 710,000 | 0 | 0 | 710,000 |
| 18 | | | | | | | | | | | |
| 19 | RESIDENTIAL LOAD MANAGEMENT | | | | | | | | | | |
| 20 | A. ACTUAL | \$3,060,180 | \$2,110,132 | \$0 | \$2,388,121 | \$28,816 | \$348,152 | \$11,740,872 | \$142,790 | \$0 | \$19,819,065 |
| 21 | B. ESTIMATED | 2,664,495 | 1,717,784 | 0 | 1,161,296 | 1,342,371 | 435,397 | 6,760,684 | 902,639 | 0 | 14,984,665 |
| 22 | | | | | | | | | | | |
| 23 | C. TOTAL | 5,724,675 | 3,827,916 | 0 | 3,549,417 | 1,371,187 | 783,550 | 18,501,556 | 1,045,430 | 0 | 34,803,730 |
| 24 | | | | | | | | | | | |
| 25 | COMMERCIAL LOAD MANAGEMENT | | | | | | | | | | |
| 26 | A. ACTUAL | \$0 | \$14,322 | \$0 | \$34,572 | \$0 | \$0 | \$350,313 | \$1,420 | \$0 | \$400,627 |
| 27 | B. ESTIMATED | 0 | 14,006 | 0 | 114,751 | 0 | 0 | 259,687 | 1,393 | 0 | 389,838 |
| 28 | | | | | | | | | | | |
| 29 | C. TOTAL | 0 | 28,328 | 0 | 149,323 | 0 | 0 | 610,000 | 2,814 | 0 | 790,465 |
| 30 | | | | | | | | | | | |
| 31 | CONSERVATION PROGRAM ADMIN | | | | | | | | | | |
| 32 | A. ACTUAL | \$11,740 | \$1,458,843 | \$0 | \$257,285 | \$41,345 | \$92,657 | \$0 | \$511,305 | \$0 | \$2,373,177 |
| 33 | B. ESTIMATED | 8,034 | 1,482,608 | 0 | 795,824 | 41,396 | 53,443 | 0 | 460,348 | 0 | 2,841,654 |
| 34 | | | | | | | | | | | |
| 35 | C. TOTAL | 19,774 | 2,941,452 | 0 | 1,053,110 | 82,742 | 146,101 | 0 | 971,653 | 0 | 5,214,831 |

PROGRESS ENERGY FLORIDA
 CONSERVATION PROGRAM COSTS
 JANUARY through JULY, 2011 ACTUAL
 AUGUST through DECEMBER, 2011 ESTIMATED

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C - 3
 PAGE 4 OF 12

| 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 | \$37,567 | \$0 | \$631 | \$0 | \$10,532 | \$0 | \$703 | \$0 | \$49,434 |
| 3 | B. ESTIMATED | 0 | 11,894 | 0 | 1,264 | 500 | 7,204 | 0 | 1,821 | 0 | 22,683 |
| 4 | | | | | | | | | | | |
| 5 | C. TOTAL | 0 | 49,461 | 0 | 1,895 | 500 | 17,736 | 0 | 2,524 | 0 | 72,116 |
| 6 | | | | | | | | | | | |
| 7 | RESIDENTIAL SOLAR PHOTOVOLTAIC | | | | | | | | | | |
| 8 | A. ACTUAL | \$0 | \$57,543 | \$0 | \$4,940 | \$0 | \$6,286 | \$328,926 | \$1,470 | \$0 | \$399,166 |
| 9 | B. ESTIMATED | 0 | 29,626 | 0 | 3,288 | 500 | 16,144 | 921,074 | 5,757 | 0 | 976,389 |
| 10 | | | | | | | | | | | |
| 11 | C. TOTAL | 0 | 87,169 | 0 | 8,229 | 500 | 22,429 | 1,250,000 | 7,228 | 0 | 1,375,554 |
| 12 | | | | | | | | | | | |
| 13 | SOLAR WATER HEAT LOW INCOME RES | | | | | | | | | | |
| 14 | A. ACTUAL | \$0 | \$15,507 | \$0 | \$586 | \$0 | \$0 | \$0 | \$87 | \$0 | \$16,181 |
| 15 | B. ESTIMATED | 0 | 8,637 | 0 | 1,200 | 500 | 119 | 114,000 | 215 | 0 | 124,671 |
| 16 | | | | | | | | | | | |
| 17 | C. TOTAL | 0 | 24,144 | 0 | 1,786 | 500 | 119 | 114,000 | 303 | 0 | 140,852 |
| 18 | | | | | | | | | | | |
| 19 | COMMERCIAL SOLAR PHOTOVOLTAIC | | | | | | | | | | |
| 20 | A. ACTUAL | \$0 | \$39,386 | \$0 | \$7,622 | \$0 | \$5,002 | \$0 | \$384 | \$0 | \$52,394 |
| 21 | B. ESTIMATED | 0 | 30,371 | 0 | 8,650 | 500 | 14,437 | 1,050,000 | -3,201 | 0 | 1,100,758 |
| 22 | | | | | | | | | | | |
| 23 | C. TOTAL | 0 | 69,758 | 0 | 16,272 | 500 | 19,439 | 1,050,000 | -2,816 | 0 | 1,153,152 |
| 24 | | | | | | | | | | | |
| 25 | PHOTOVOLTAIC FOR SCHOOLS | | | | | | | | | | |
| 26 | A. ACTUAL | \$0 | \$27,178 | \$0 | \$1,620 | \$0 | \$4,578 | \$0 | \$70 | \$0 | \$33,447 |
| 27 | B. ESTIMATED | 0 | 20,709 | 0 | 2,838 | 500 | 3,728 | 1,785,000 | 1,693 | 0 | 1,814,468 |
| 28 | | | | | | | | | | | |
| 29 | C. TOTAL | 0 | 47,887 | 0 | 4,458 | 500 | 8,306 | 1,785,000 | 1,764 | 0 | 1,847,915 |
| 30 | | | | | | | | | | | |
| 31 | RESEARCH AND DEMONSTRATION | | | | | | | | | | |
| 32 | A. ACTUAL | \$0 | \$3,102 | \$0 | \$0 | \$0 | \$0 | \$0 | \$87,431 | \$0 | \$90,533 |
| 33 | B. ESTIMATED | 0 | 2 | 0 | 0 | 0 | 107 | 0 | 14 | 0 | 124 |
| 34 | | | | | | | | | | | |
| 35 | C. TOTAL | 0 | 3,104 | 0 | 0 | 0 | 107 | 0 | 87,445 | 0 | 90,656 |
| 36 | | | | | | | | | | | |
| 37 | TOTAL ALL PROGRAMS | \$5,924,704 | \$17,307,040 | \$0 | \$6,233,239 | \$1,862,466 | \$5,877,475 | \$55,863,728 | \$3,333,845 | \$0 | \$96,402,497 |

PROGRESS ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-3
PAGE 5 of 12

| LINE NO. | BEGINNING BALANCE | 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 (20015937) (E) | | | | | | | | | | | | | |
| 2 | INVESTMENTS | \$10,820 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$10,820 |
| 3 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | DEPRECIATION BASE | 46,445 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | |
| 5 | | | | | | | | | | | | | | |
| 6 | DEPRECIATION EXPENSE (20% rate) | 774 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 864 | 10,278 |
| 7 | | | | | | | | | | | | | | |
| 8 | CUMM. NET INVEST | 41,035 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 | 51,855 |
| 9 | LESS: ACC. NET DEPR | 4,835 | 5,609 | 6,473 | 7,337 | 8,201 | 9,065 | 9,929 | 10,793 | 11,657 | 12,521 | 13,385 | 14,249 | 15,113 |
| 10 | NET INVESTMENT | 36,200 | 46,246 | 45,382 | 44,518 | 43,654 | 42,790 | 41,926 | 41,062 | 40,198 | 39,334 | 38,470 | 37,606 | 36,742 |
| 11 | AVERAGE INVESTMENT | 41,223 | 45,814 | 44,950 | 44,086 | 43,222 | 42,358 | 41,494 | 40,630 | 39,766 | 38,902 | 38,038 | 37,174 | |
| 12 | RETURN ON AVG INVEST | 270 | 301 | 296 | 289 | 283 | 278 | 272 | 267 | 261 | 256 | 250 | 244 | 3,267 |
| 13 | | | | | | | | | | | | | | |
| 14 | RETURN REQUIREMENTS | 376 | 419 | 412 | 403 | 394 | 387 | 379 | 372 | 363 | 356 | 348 | 340 | 4,549 |
| 15 | | | | | | | | | | | | | | |
| 16 | PROGRAM TOTAL | \$1,150 | \$1,283 | \$1,276 | \$1,267 | \$1,258 | \$1,251 | \$1,243 | \$1,236 | \$1,227 | \$1,220 | \$1,212 | \$1,204 | \$14,827 |
| 17 | | | | | | | | | | | | | | |
| 18 | HOME ENERGY IMPROVEMENT (20015934) (E) | | | | | | | | | | | | | |
| 19 | INVESTMENTS | \$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 | |
| 22 | | | | | | | | | | | | | | |
| 23 | DEPRECIATION EXPENSE (20% rate) | 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 | CUMM. NET INVEST | 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. NET DEPR | 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 |
| 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 |
| 28 | AVERAGE INVESTMENT | 49,992 | 48,877 | 47,762 | 46,647 | 45,532 | 44,417 | 43,302 | 42,187 | 41,072 | 39,957 | 38,842 | 37,727 | |
| 29 | RETURN ON AVG INVEST | 328 | 320 | 312 | 302 | 294 | 285 | 277 | 268 | 259 | 251 | 242 | 233 | 3,371 |
| 30 | | | | | | | | | | | | | | |
| 31 | RETURN REQUIREMENTS | 457 | 446 | 434 | 421 | 410 | 397 | 386 | 374 | 361 | 350 | 337 | 325 | 4,698 |
| 32 | | | | | | | | | | | | | | |
| 33 | PROGRAM TOTAL | \$1,772 | \$1,761 | \$1,749 | \$1,736 | \$1,725 | \$1,712 | \$1,701 | \$1,689 | \$1,676 | \$1,665 | \$1,652 | \$1,640 | \$20,478 |
| 34 | | | | | | | | | | | | | | |
| 35 | HOME ENERGY CHECK (20015932) (E) | | | | | | | | | | | | | |
| 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 | 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 (20% rate) | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 516 |
| 41 | | | | | | | | | | | | | | |
| 42 | 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 |
| 43 | LESS: ACC. NET DEPR | 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 |
| 44 | NET INVESTMENT | 956 | 913 | 870 | 827 | 784 | 741 | 698 | 655 | 612 | 569 | 526 | 483 | 440 |
| 45 | AVERAGE INVESTMENT | 935 | 892 | 849 | 806 | 763 | 720 | 677 | 634 | 591 | 548 | 505 | 462 | |
| 46 | RETURN ON AVG INVEST | 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:
- 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 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-3
PAGE 6 OF 12

| LINE NO. | BEGINNING BALANCE | 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 | BUSINESS ENERGY CHECK (20015938) (E) | | | | | | | | | | | | | |
| 2 | INVESTMENTS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$108,200 | \$0 | \$0 | \$108,200 |
| 3 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | DEPRECIATION BASE | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 57,185 | 111,285 | 111,285 | |
| 6 | DEPRECIATION EXPENSE (20% rate) | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 953 | 1,855 | 1,855 | 5,122 |
| 8 | CUMM. NET INVEST | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 3,085 | 111,285 | 111,285 | 111,285 | 111,285 |
| 9 | LESS: ACC. NET DEPR | 26 | 77 | 128 | 179 | 230 | 281 | 332 | 383 | 434 | 485 | 1,438 | 3,293 | 5,148 |
| 10 | NET INVESTMENT | 3,059 | 3,008 | 2,957 | 2,906 | 2,855 | 2,804 | 2,753 | 2,702 | 2,651 | 2,600 | 109,847 | 107,992 | 106,137 |
| 11 | AVERAGE INVESTMENT | 3,033 | 2,982 | 2,931 | 2,880 | 2,829 | 2,778 | 2,727 | 2,678 | 2,625 | 56,223 | 108,919 | 107,064 | |
| 12 | RETURN ON AVG INVEST | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 17 | 369 | 715 | 703 | 1,953 |
| 14 | RETURN REQUIREMENTS | 27 | 27 | 27 | 27 | 27 | 25 | 25 | 25 | 24 | 514 | 996 | 979 | 2,723 |
| 16 | PROGRAM TOTAL | \$78 | \$78 | \$78 | \$78 | \$78 | \$76 | \$76 | \$76 | \$75 | \$1,467 | \$2,851 | \$2,834 | \$7,845 |
| 18 | ENERGY CONSERVATION ADMIN (20015935) (E) | | | | | | | | | | | | | |
| 19 | INVESTMENTS | \$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 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | |
| 23 | DEPRECIATION EXPENSE (20% rate) | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 1,294 | 15,528 |
| 25 | CUMM. NET INVEST | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 | 77,659 |
| 26 | LESS: ACC. NET DEPR | 31,221 | 32,515 | 33,809 | 35,103 | 36,397 | 37,691 | 38,985 | 40,279 | 41,573 | 42,867 | 44,161 | 45,455 | 46,749 |
| 27 | NET INVESTMENT | 46,438 | 45,144 | 43,850 | 42,556 | 41,262 | 39,968 | 38,674 | 37,380 | 36,086 | 34,792 | 33,498 | 32,204 | 30,910 |
| 28 | AVERAGE INVESTMENT | 45,791 | 44,497 | 43,203 | 41,909 | 40,615 | 39,321 | 38,027 | 36,733 | 35,439 | 34,145 | 32,851 | 31,557 | |
| 29 | RETURN ON AVG INVEST | 301 | 292 | 283 | 275 | 267 | 258 | 250 | 241 | 233 | 224 | 216 | 208 | 3,048 |
| 31 | RETURN REQUIREMENTS | 419 | 407 | 394 | 383 | 372 | 359 | 348 | 336 | 325 | 312 | 301 | 290 | 4,246 |
| 33 | PROGRAM TOTAL | \$1,713 | \$1,701 | \$1,688 | \$1,677 | \$1,666 | \$1,653 | \$1,642 | \$1,630 | \$1,619 | \$1,606 | \$1,595 | \$1,584 | \$19,774 |
| 35 | TECHNOLOGY DEVELOPMENT (20015939) (E) | | | | | | | | | | | | | |
| 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 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | |
| 40 | DEPRECIATION EXPENSE (20% rate) | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 3,900 |
| 42 | CUMM. NET INVEST | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 | 19,471 |
| 43 | LESS: ACC. NET DEPR | 6,020 | 6,345 | 6,670 | 6,995 | 7,320 | 7,645 | 7,970 | 8,295 | 8,620 | 8,945 | 9,270 | 9,595 | 9,920 |
| 44 | NET INVESTMENT | 13,451 | 13,126 | 12,801 | 12,476 | 12,151 | 11,826 | 11,501 | 11,176 | 10,851 | 10,526 | 10,201 | 9,876 | 9,551 |
| 45 | AVERAGE INVESTMENT | 13,288 | 12,963 | 12,638 | 12,313 | 11,988 | 11,663 | 11,338 | 11,013 | 10,688 | 10,363 | 10,038 | 9,713 | |
| 46 | RETURN ON AVG INVEST | 88 | 85 | 83 | 81 | 79 | 77 | 75 | 72 | 70 | 69 | 66 | 64 | 909 |
| 48 | RETURN REQUIREMENTS | 123 | 118 | 116 | 113 | 110 | 107 | 105 | 100 | 98 | 96 | 92 | 89 | 1,287 |
| 50 | PROGRAM TOTAL | \$448 | \$443 | \$441 | \$438 | \$435 | \$432 | \$430 | \$425 | \$423 | \$421 | \$417 | \$414 | \$5,167 |

NOTES:
- 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 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-3
PAGE 7 OF 12

| LINE NO. | BEGINNING BALANCE | 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 | STANDBY GENERATION (20021332) (D) | | | | | | | | | | | | | |
| 2 | INVESTMENTS | \$0 | \$0 | \$176,498 | \$126 | \$0 | \$4,000 | \$10,800 | \$25,984 | \$25,984 | \$25,984 | \$25,984 | \$25,984 | \$321,345 |
| 3 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | DEPRECIATION BASE | 117,723 | 117,723 | 205,972 | 294,284 | 294,347 | 296,347 | 303,747 | 322,140 | 348,124 | 374,108 | 400,092 | 426,076 | |
| 5 | | | | | | | | | | | | | | |
| 6 | DEPRECIATION EXPENSE (20% rate) | 1,962 | 1,962 | 3,433 | 4,905 | 4,906 | 4,939 | 5,062 | 5,369 | 5,802 | 6,235 | 6,668 | 7,101 | 58,344 |
| 7 | | | | | | | | | | | | | | |
| 8 | CUMM. NET INVEST | 117,723 | 117,723 | 294,221 | 294,347 | 294,347 | 298,347 | 309,148 | 335,132 | 361,116 | 387,100 | 413,084 | 439,068 | 439,068 |
| 9 | LESS: ACC. NET DEPR | 29,173 | 31,135 | 33,097 | 38,530 | 41,435 | 46,341 | 51,280 | 56,342 | 61,711 | 67,513 | 73,748 | 80,416 | 87,517 |
| 10 | NET INVESTMENT | 88,550 | 86,588 | 84,626 | 257,681 | 252,912 | 248,006 | 247,067 | 252,806 | 273,421 | 293,603 | 313,352 | 332,668 | 351,551 |
| 11 | AVERAGE INVESTMENT | 87,569 | 85,607 | 85,607 | 171,159 | 255,302 | 250,459 | 247,537 | 249,938 | 263,113 | 283,512 | 303,477 | 323,010 | 342,110 |
| 12 | RETURN ON AVG INVEST | 575 | 563 | 1,124 | 1,676 | 1,645 | 1,626 | 1,641 | 1,728 | 1,862 | 1,993 | 2,122 | 2,247 | 18,802 |
| 13 | | | | | | | | | | | | | | |
| 14 | RETURN REQUIREMENTS | 801 | 784 | 1,565 | 2,334 | 2,291 | 2,285 | 2,285 | 2,407 | 2,593 | 2,775 | 2,955 | 3,129 | 26,184 |
| 15 | | | | | | | | | | | | | | |
| 16 | PROGRAM TOTAL | \$2,763 | \$2,746 | \$4,998 | \$7,239 | \$7,197 | \$7,204 | \$7,347 | \$7,776 | \$8,395 | \$9,010 | \$9,623 | \$10,230 | \$84,528 |
| 17 | | | | | | | | | | | | | | |
| 18 | INTERRUPTIBLE SERVICE (20015941) (D) | | | | | | | | | | | | | |
| 19 | INVESTMENTS | \$78,111 | \$0 | \$39 | \$0 | \$0 | \$0 | \$0 | \$15,100 | \$15,100 | \$15,100 | \$15,100 | \$15,100 | \$153,652 |
| 20 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | DEPRECIATION BASE | 113,651 | 152,707 | 152,727 | 152,746 | 152,746 | 152,746 | 152,746 | 160,297 | 175,397 | 190,497 | 205,598 | 220,698 | |
| 22 | | | | | | | | | | | | | | |
| 23 | DEPRECIATION EXPENSE (20% rate) | 1,894 | 2,545 | 2,545 | 2,546 | 2,546 | 2,546 | 2,546 | 2,672 | 2,923 | 3,175 | 3,427 | 3,678 | 33,043 |
| 24 | | | | | | | | | | | | | | |
| 25 | CUMM. NET INVEST | 74,596 | 152,707 | 152,707 | 152,746 | 152,746 | 152,746 | 152,746 | 167,847 | 182,947 | 198,048 | 213,148 | 228,248 | 228,248 |
| 26 | LESS: ACC. NET DEPR | 24,637 | 26,531 | 29,076 | 31,621 | 34,167 | 36,713 | 39,259 | 41,805 | 44,477 | 47,400 | 50,575 | 54,002 | 57,680 |
| 27 | NET INVESTMENT | 49,959 | 126,176 | 123,631 | 121,125 | 118,579 | 116,033 | 113,487 | 110,941 | 123,370 | 135,547 | 147,473 | 159,146 | 170,568 |
| 28 | AVERAGE INVESTMENT | 86,067 | 124,904 | 122,378 | 119,852 | 117,306 | 114,760 | 112,214 | 117,156 | 129,459 | 141,510 | 153,309 | 164,857 | |
| 29 | RETURN ON AVG INVEST | 579 | 820 | 804 | 787 | 771 | 753 | 737 | 789 | 851 | 929 | 1,007 | 1,083 | 9,890 |
| 30 | | | | | | | | | | | | | | |
| 31 | RETURN REQUIREMENTS | 806 | 1,142 | 1,120 | 1,096 | 1,074 | 1,049 | 1,027 | 1,071 | 1,185 | 1,294 | 1,403 | 1,508 | 13,775 |
| 32 | | | | | | | | | | | | | | |
| 33 | PROGRAM TOTAL | \$2,700 | \$3,687 | \$3,665 | \$3,642 | \$3,620 | \$3,595 | \$3,573 | \$3,743 | \$4,108 | \$4,469 | \$4,830 | \$5,186 | \$46,818 |
| 34 | | | | | | | | | | | | | | |
| 35 | PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | | | | | | | | | | | | | | |
| 40 | DEPRECIATION EXPENSE (20% rate) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | | | | | | | | | | | | | | |
| 42 | CUMULATIVE INVESTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | LESS: ACC. DEPRECIATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | NET INVESTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | AVERAGE INVESTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | RETURN ON AVERAGE INVESTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | | | | | | | | | | | | | | |
| 48 | RETURN REQUIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | | | | | | | | | | | | | | |
| 50 | PROGRAM TOTAL | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

NOTES:

- 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 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-3
PAGE 8 OF 12

| LINE NO. | BEGINNING BALANCE | 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 | RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (ITEMIZED BELOW) | | | | | | | | | | | | | |
| 2 | EXPENDITURES BOOKED DIRECTLY TO PLAN | \$0 | \$0 | \$25,172 | \$0 | \$0 | \$0 | \$1,272 | \$0 | \$0 | \$0 | \$0 | \$0 | \$26,444 |
| 3 | RETIREMENTS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0 |
| 4 | INVESTMENTS BOOKED TO CWIP | (\$0) | \$0 | \$0 | \$0 | (\$0) | \$0 | \$5,394,092 | \$837,650 | \$905,437 | \$1,011,734 | \$712,043 | \$1,748,325 | 10,609,280 |
| 5 | CLOSINGS TO PLANT | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$10,478 | \$10,478 | \$10,478 | \$10,478 | \$10,478 | 52,392 |
| 6 | DEPRECIATION BASE | \$1,083,800 | \$1,083,800 | \$1,096,386 | \$1,108,972 | \$1,108,972 | \$1,108,972 | \$1,109,608 | \$1,115,483 | \$1,125,962 | \$1,136,440 | \$1,146,919 | \$1,157,397 | |
| 7 | | | | | | | | | | | | | | |
| 8 | DEPRECIATION EXPENSE (itemized below) | \$18,063 | \$18,063 | \$18,273 | \$18,483 | \$18,483 | \$18,483 | \$18,494 | \$18,591 | \$18,766 | \$18,941 | \$19,115 | \$19,290 | 223,045 |
| 9 | | | | | | | | | | | | | | |
| 10 | CUMULATIVE PLANT INVEST. | \$1,083,800 | \$1,083,800 | \$1,083,800 | \$1,108,972 | \$1,108,972 | \$1,108,972 | \$1,110,244 | \$1,120,723 | \$1,131,201 | \$1,141,679 | \$1,152,158 | \$1,162,636 | 1,162,636 |
| 11 | LESS: ACC. NET DEPR | \$505,684 | \$523,747 | \$541,810 | \$560,083 | \$578,566 | \$597,049 | \$615,532 | \$634,026 | \$652,617 | \$671,383 | \$690,324 | \$709,439 | \$728,729 |
| 12 | NET PLANT INVESTMENT | \$578,116 | \$560,053 | \$541,990 | \$548,889 | \$530,406 | \$511,923 | \$493,440 | \$478,218 | \$468,106 | \$459,818 | \$451,355 | \$442,719 | \$433,907 |
| 13 | CUMULATIVE CWIP INVEST. | \$0 | (\$0) | (\$0) | (\$0) | (\$0) | (\$0) | (\$0) | \$5,394,092 | \$6,221,263 | \$7,116,221 | \$8,117,477 | \$8,819,041 | 10,556,888 |
| 14 | AVERAGE INVESTMENT | \$569,085 | \$551,022 | \$545,440 | \$539,648 | \$521,165 | \$502,682 | \$3,181,875 | \$6,279,839 | \$7,132,704 | \$8,072,436 | \$8,915,296 | \$10,126,278 | |
| 15 | RETURN ON AVG INVEST | \$3.737 | \$3.619 | \$3.582 | \$3.544 | \$3.422 | \$3.301 | \$20.897 | \$41.243 | \$46.845 | \$53.015 | \$58.551 | \$66.505 | 308,261 |
| 16 | | | | | | | | | | | | | | |
| 17 | RETURN REQUIREMENTS | \$5,205 | \$5,040 | \$4,989 | \$4,936 | \$4,766 | \$4,597 | \$29,103 | \$57,439 | \$65,240 | \$73,834 | \$81,544 | \$92,621 | 429,313 |
| 18 | | | | | | | | | | | | | | |
| 19 | PROGRAM TOTAL | \$23,268 | \$23,103 | \$23,262 | \$23,419 | \$23,249 | \$23,080 | \$47,597 | \$76,030 | \$84,006 | \$92,775 | \$100,659 | \$111,911 | \$652,358 |
| 20 | | | | | | | | | | | | | | |
| 21 | RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID HARDWARE FOR ODS, LMS, APPDEV. ALSO INCLUDES SMARTGRID TELECOM. (D) | | | | | | | | | | | | | |
| 22 | EXPENDITURES BOOKED DIRECTLY TO PLAN | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 23 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | INVESTMENTS BOOKED TO CWIP | (0) | 0 | (0) | 0 | (0) | 0 | 2,487,585 | 289,123 | 335,321 | 380,514 | 327,121 | 419,773 | 4,239,436 |
| 25 | CLOSINGS TO PLANT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | DEPRECIATION BASE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | | | | | | | | | | | | | | |
| 28 | DEPRECIATION EXPENSE (14.29% rate) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | | | | | | | | | | | | | | |
| 30 | CUMULATIVE PLANT INVEST. | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | LESS: ACC. NET DEPR | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | NET PLANT INVESTMENT | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | CUMULATIVE CWIP INVEST. | 0 | (0) | (0) | (0) | 0 | (0) | 0 | 2,487,585 | 2,776,708 | 3,112,029 | 3,492,542 | 3,819,663 | 4,239,436 |
| 34 | AVERAGE INVESTMENT | 0 | (0) | (0) | (0) | (0) | (0) | 0 | 1,243,792 | 2,632,147 | 2,944,369 | 3,302,286 | 3,656,103 | 4,029,549 |
| 35 | RETURN ON AVG INVEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.169 | 17.286 | 19.338 | 21.687 | 24.012 | 26.464 |
| 36 | | | | | | | | | | | | | | |
| 37 | RETURN REQUIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 11,377 | 24,074 | 26,932 | 30,203 | 33,441 | 36,856 | 162,884 |
| 38 | | | | | | | | | | | | | | |
| 39 | PROGRAM TOTAL | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,377 | \$24,074 | \$26,932 | \$30,203 | \$33,441 | \$36,856 | \$162,884 |

NOTES:
- 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 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-3
PAGE 9 OF 12

| LINE NO. | BEGINNING BALANCE | 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 | RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID SOFTWARE FOR ODS, LMS, APPDEV (D) | | | | | | | | | | | | | |
| 2 | EXPENDITURES BOOKED DIRECTLY TO PLAN | \$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 | INVESTMENTS BOOKED TO CWIP | (\$0) | (\$0) | (\$0) | (\$0) | \$0 | \$0 | \$422,151 | \$67,449 | \$61,089 | \$60,884 | \$26,436 | \$24,237 | 662,246 |
| 5 | CLOSINGS TO PLANT | | | | | | | | | | | | | 0 |
| 6 | DEPRECIATION BASE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | | | | | | | | | | | | | |
| 8 | DEPRECIATION EXPENSE (20% rate) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | | | | | | | | | | | | | | |
| 10 | CUMULATIVE PLANT INVEST. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 11 | LESS: ACC. NET DEPR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 12 | NET PLANT INVESTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 13 | CUMULATIVE CWIP INVEST. | 0 | (0) | (0) | (0) | (0) | (0) | 422,151 | 489,600 | 550,689 | 611,574 | 638,010 | 662,246 | 662,246 |
| 14 | AVERAGE INVESTMENT | (0) | (0) | (0) | (0) | (0) | (0) | 211,076 | 455,876 | 520,145 | 581,131 | 624,792 | 650,128 | |
| 15 | RETURN ON AVG INVEST | 0 | 0 | 0 | 0 | 0 | 0 | 1,386 | 2,994 | 3,416 | 3,817 | 4,103 | 4,270 | 19,986 |
| 16 | | | | | | | | | | | | | | |
| 17 | RETURN REQUIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 1,930 | 4,170 | 4,757 | 5,316 | 5,714 | 5,947 | 27,835 |
| 18 | | | | | | | | | | | | | | |
| 19 | PROGRAM TOTAL | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,930 | \$4,170 | \$4,757 | \$5,316 | \$5,714 | \$5,947 | \$27,835 |
| 20 | RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID AMI METERS (D) | | | | | | | | | | | | | |
| 21 | EXPENDITURES BOOKED DIRECTLY TO PLAN | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 22 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | INVESTMENTS BOOKED TO CWIP | (0) | (0) | 0 | 0 | (0) | (0) | 2,484,356 | 470,599 | 498,549 | 559,858 | 348,008 | 1,293,837 | 5,655,206 |
| 24 | CLOSINGS TO PLANT | | | | | | | | | | | | | 0 |
| 25 | DEPRECIATION BASE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | | | | | | | | | | | | | | |
| 27 | DEPRECIATION EXPENSE (5.97% rate) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | | | | | | | | | | | | | | |
| 29 | CUMULATIVE PLANT INVEST. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 30 | LESS: ACC. NET DEPR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 31 | NET PLANT INVESTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 32 | CUMULATIVE CWIP INVEST. | 0 | (0) | (0) | (0) | (0) | (0) | 2,484,356 | 2,954,954 | 3,453,503 | 4,013,361 | 4,361,369 | 5,655,206 | 5,655,206 |
| 33 | AVERAGE INVESTMENT | (0) | (0) | (0) | (0) | (0) | (0) | 1,242,178 | 2,719,655 | 3,204,229 | 3,733,432 | 4,187,365 | 5,008,287 | |
| 34 | RETURN ON AVG INVEST | 0 | 0 | 0 | 0 | 0 | 0 | 8,158 | 17,862 | 21,044 | 24,519 | 27,500 | 32,892 | 131,975 |
| 35 | | | | | | | | | | | | | | |
| 36 | RETURN REQUIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 11,361 | 24,876 | 29,308 | 34,148 | 38,299 | 45,809 | 183,801 |
| 37 | | | | | | | | | | | | | | |
| 38 | PROGRAM TOTAL | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,361 | \$24,876 | \$29,308 | \$34,148 | \$38,299 | \$45,809 | \$183,801 |

NOTES:

- 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 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
PROGRESS ENERGY FLORIDA
HELENA T. GUTHRIE
EXHIBIT NO. _____ (HTG-1P)
SCHEDULE C-3
PAGE 10 OF 12

| LINE NO. | BEGINNING BALANCE | 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 | RESIDENTIAL ENERGY MANAGEMENT - NON-SMARTGRID RESIDENTIAL PROJECTS (D) | | | | | | | | | | | | | |
| 2 | EXPENDITURES BOOKED DIRECTLY TO PLAN | \$0 | \$0 | \$25,172 | \$0 | \$0 | \$0 | \$1,272 | \$0 | \$0 | \$0 | \$0 | \$0 | \$26,444 |
| 3 | RETIREMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | INVESTMENTS BOOKED TO CWIP | | | | | | | | \$10,478 | \$10,478 | \$10,478 | \$10,478 | \$10,478 | 52,392 |
| 5 | CLOSINGS TO PLANT | | | | | | | | \$10,478 | \$10,478 | \$10,478 | \$10,478 | \$10,478 | 52,392 |
| 6 | DEPRECIATION BASE | 1,083,800 | 1,083,800 | 1,096,386 | 1,108,972 | 1,108,972 | 1,108,972 | 1,109,608 | 1,115,483 | 1,125,962 | 1,136,440 | 1,146,919 | 1,157,397 | |
| 7 | | | | | | | | | | | | | | |
| 8 | DEPRECIATION EXPENSE (20% rate) | 18,063 | 18,063 | 18,273 | 18,483 | 18,483 | 18,483 | 18,494 | 18,591 | 18,766 | 18,941 | 19,115 | 19,290 | 223,045 |
| 9 | | | | | | | | | | | | | | |
| 10 | CUMULATIVE PLANT INVEST. | 1,083,800 | 1,083,800 | 1,083,800 | 1,108,972 | 1,108,972 | 1,108,972 | 1,110,244 | 1,120,723 | 1,131,201 | 1,141,679 | 1,152,158 | 1,162,636 | 1,162,636 |
| 11 | LESS: ACC. NET DEPR | 505,684 | 523,747 | 541,810 | 560,083 | 578,566 | 597,049 | 615,532 | 634,026 | 652,617 | 671,383 | 690,324 | 709,439 | 728,729 |
| 12 | NET PLANT INVESTMENT | 578,116 | 560,053 | 541,990 | 548,889 | 530,406 | 511,923 | 493,440 | 476,218 | 468,106 | 459,818 | 451,355 | 442,719 | 433,907 |
| 13 | CUMULATIVE CWIP INVEST. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 14 | AVERAGE INVESTMENT | 569,085 | 551,022 | 545,440 | 539,648 | 521,165 | 502,682 | 484,829 | 472,162 | 463,962 | 455,587 | 447,037 | 438,313 | |
| 15 | RETURN ON AVG INVEST | 3,737 | 3,619 | 3,582 | 3,544 | 3,422 | 3,301 | 3,184 | 3,101 | 3,047 | 2,992 | 2,936 | 2,879 | 39,344 |
| 16 | | | | | | | | | | | | | | |
| 17 | RETURN REQUIREMENTS | 5,205 | 5,040 | 4,989 | 4,936 | 4,766 | 4,597 | 4,434 | 4,319 | 4,243 | 4,167 | 4,089 | 4,009 | 54,794 |
| 18 | | | | | | | | | | | | | | |
| 19 | PROGRAM TOTAL | \$23,268 | \$23,103 | \$23,262 | \$23,419 | \$23,249 | \$23,080 | \$22,928 | \$22,910 | \$23,009 | \$23,108 | \$23,204 | \$23,299 | \$277,839 |
| 20 | LOAD MANAGEMENT SWITCHES (9080120) (D) | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | |
| 22 | EXPENDITURES BOOKED DIRECTLY TO PLAN | \$210,012 | \$214,840 | \$282,790 | \$236,598 | \$248,366 | \$441,577 | \$253,728 | \$231,823 | \$231,823 | \$231,823 | \$231,823 | \$231,823 | \$3,047,027 |
| 23 | RETIREMENTS | 89,558 | 52,114 | 124,699 | 36,850 | 100,578 | 52,316 | 345,576 | 63,869 | 33,824 | 161,598 | 113,151 | 168,798 | 1,342,931 |
| 24 | INVESTMENTS BOOKED TO CWIP | 1,225,531 | 1,401,275 | 1,634,675 | 1,861,709 | 2,014,343 | 2,418,581 | 2,790,110 | 3,209,290 | 3,516,151 | 3,803,093 | 4,023,797 | 4,159,944 | 32,058,499 |
| 25 | CLOSINGS TO PLANT | | | | | | | | | | | | | - |
| 26 | AMORTIZATION BASE | 18,012,986 | 18,154,576 | 18,314,985 | 18,493,904 | 18,667,672 | 18,936,197 | 19,084,904 | 19,122,957 | 19,305,933 | 19,440,046 | 19,534,494 | 19,625,343 | |
| 27 | | | | | | | | | | | | | | |
| 28 | AMORTIZATION EXPENSE (20% rate) | 300,217 | 302,577 | 305,250 | 308,232 | 311,128 | 315,604 | 318,082 | 318,717 | 321,786 | 324,001 | 325,576 | 327,090 | 3,778,240 |
| 29 | | | | | | | | | | | | | | |
| 30 | CUMULATIVE PLANT INVEST. | 17,952,759 | 18,073,213 | 18,235,939 | 18,394,031 | 18,593,778 | 18,741,566 | 19,130,828 | 19,038,980 | 19,206,934 | 19,404,933 | 19,475,158 | 19,593,830 | 19,656,855 |
| 31 | LESS: ACC. AMORT. | 8,334,798 | 8,545,457 | 8,795,920 | 8,976,471 | 9,247,853 | 9,458,403 | 9,721,891 | 9,694,197 | 9,949,045 | 10,236,987 | 10,399,390 | 10,611,815 | 10,770,107 |
| 32 | NET PLANT INVESTMENT | 9,617,961 | 9,527,756 | 9,440,019 | 9,417,559 | 9,345,925 | 9,283,163 | 9,409,136 | 9,344,783 | 9,257,889 | 9,167,946 | 9,075,768 | 8,982,015 | 8,886,748 |
| 33 | CUMULATIVE CWIP INVEST. | - | 1,225,531 | 2,626,807 | 4,261,482 | 6,123,191 | 8,137,534 | 10,556,114 | 13,346,224 | 16,555,514 | 20,071,665 | 23,874,757 | 27,898,554 | 32,058,499 |
| 34 | AVERAGE INVESTMENT | 10,185,624 | 10,797,291 | 10,946,764 | 11,129,934 | 11,252,570 | 11,562,611 | 11,981,305 | 12,301,035 | 12,575,637 | 12,781,479 | 12,942,336 | 13,026,252 | |
| 35 | RETURN ON AVG. INVEST. | 66,894 | 70,911 | 71,893 | 73,096 | 73,901 | 75,937 | 78,688 | 80,787 | 82,590 | 83,943 | 84,999 | 85,550 | 929,189 |
| 36 | | | | | | | | | | | | | | |
| 37 | RETURN REQUIREMENTS | 93,163 | 98,757 | 100,125 | 101,800 | 102,922 | 105,757 | 109,588 | 112,512 | 115,023 | 116,907 | 118,377 | 119,145 | 1,294,076 |
| 38 | | | | | | | | | | | | | | |
| 39 | PROGRAM TOTAL | \$393,380 | \$401,334 | \$405,375 | \$410,032 | \$414,050 | \$421,361 | \$427,670 | \$431,229 | \$436,789 | \$440,908 | \$443,953 | \$446,235 | \$5,072,316 |
| 40 | | | | | | | | | | | | | | |
| 41 | SUMMARY OF DEMAND & ENERGY: | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | |
| 43 | ENERGY | \$ 5,213 | \$ 5,318 | \$ 5,282 | \$ 5,246 | \$ 5,212 | \$ 5,174 | \$ 5,142 | \$ 5,106 | \$ 5,067 | \$ 5,426 | \$ 7,774 | \$ 7,723 | \$ 68,683 |
| 44 | DEMAND | 422,111 | 430,870 | 437,300 | 444,332 | 448,116 | 455,240 | 486,187 | 518,778 | 533,298 | 547,182 | 559,065 | 573,562 | 5,856,020 |
| 45 | TOTAL DEPRECIATION AND RETURN | \$ 427,324 | \$ 436,188 | \$ 442,582 | \$ 449,578 | \$ 453,328 | \$ 460,414 | \$ 491,329 | \$ 523,884 | \$ 538,365 | \$ 553,588 | \$ 568,839 | \$ 581,285 | \$ 5,924,703 |

NOTES:

- 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 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C-3
 PAGE 11 OF 12

| LINE NO. | 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 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 | 8,664,731 | 7,585,432 | 6,639,318 | 7,156,363 | 8,344,200 | 9,193,733 | 9,606,902 | 9,953,617 | 9,807,852 | 8,523,014 | 7,440,936 | 7,196,132 | 100,112,229 |
| 2A CURRENT PERIOD GRT REFUND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 TOTAL REVENUES | 8,664,731 | 7,585,432 | 6,639,318 | 7,156,363 | 8,344,200 | 9,193,733 | 9,606,902 | 9,953,617 | 9,807,852 | 8,523,014 | 7,440,936 | 7,196,132 | 100,112,229 |
| 4 PRIOR PERIOD TRUE-UP OVER/(UNDER) | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,835 | 940,828 | 11,290,003 |
| 5 CONSERVATION REVENUES APPLICABLE TO PERIOD | 9,605,565 | 8,526,266 | 7,580,152 | 8,097,197 | 9,285,034 | 10,134,567 | 10,547,736 | 10,894,451 | 10,748,686 | 9,463,848 | 8,381,771 | 8,136,960 | 111,402,232 |
| 6 CONSERVATION EXPENSES (C-3, PAGE 4, LINE 37) | 7,647,624 | 7,415,375 | 6,597,206 | 6,592,210 | 6,810,236 | 6,852,014 | 9,242,412 | 9,020,675 | 9,035,332 | 9,050,555 | 9,063,806 | 9,075,052 | 96,402,497 |
| 7 TRUE-UP THIS PERIOD (O)/U | (1,957,940) | (1,110,891) | (982,946) | (1,504,966) | (2,474,798) | (3,282,553) | (1,305,324) | (1,873,775) | (1,713,354) | (413,294) | 682,035 | 938,082 | (14,999,734) |
| 8 CURRENT PERIOD INTEREST | (2,458) | (2,582) | (2,344) | (2,081) | (2,021) | (2,107) | (2,001) | (1,781) | (1,866) | (1,878) | (1,771) | (1,596) | (24,486) |
| 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 | (11,290,003) | (12,309,567) | (12,482,206) | (12,526,661) | (13,092,894) | (14,628,879) | (16,972,705) | (17,339,196) | (18,273,918) | (19,048,304) | (18,522,642) | (16,901,543) | (11,290,003) |
| 10A CURRENT PERIOD GRT REFUNDED | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 PRIOR TRUE-UP (REFUNDED)/ COLLECTED | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,834 | 940,835 | 940,828 | 11,290,003 |
| 12 END OF PERIOD NET TRUE-UP | (12,309,567) | (12,482,206) | (12,526,661) | (13,092,894) | (14,628,879) | (16,972,705) | (17,339,196) | (18,273,918) | (19,048,304) | (18,522,642) | (16,901,543) | (15,024,219) | (15,024,219) |

PROGRESS ENERGY FLORIDA
 CALCULATION OF INTEREST PROVISION
 FOR THE PERIOD JANUARY 2011 THROUGH DECEMBER 2011

DOCKET NO. 110002-EG
 PROGRESS ENERGY FLORIDA
 HELENA T. GUTHRIE
 EXHIBIT NO. _____ (HTG-1P)
 SCHEDULE C-3
 PAGE 12 OF 12

| LINE NO. | 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 FOR THE PERIOD |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|
| 1 BEGINNING TRUE-UP AMOUNT (C3,PAGE 11, LINE 9 & 10) | (11,290,003) | (12,309,567) | (12,482,206) | (12,526,661) | (13,092,894) | (14,628,879) | (16,972,705) | (17,339,196) | (18,273,918) | (19,048,304) | (18,522,642) | (16,901,543) | |
| 2 ENDING TRUE-UP AMOUNT BEFORE INTEREST | (12,307,109) | (12,479,624) | (12,524,318) | (13,090,813) | (14,626,858) | (16,970,598) | (17,337,195) | (18,272,137) | (19,046,438) | (18,520,764) | (16,899,772) | (15,022,623) | |
| 3 TOTAL BEGINNING & ENDING TRUE-UP | (23,597,111) | (24,789,191) | (25,006,524) | (25,617,474) | (27,719,752) | (31,599,477) | (34,309,900) | (35,611,333) | (37,320,356) | (37,569,068) | (35,422,414) | (31,924,166) | |
| 4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3) | (11,798,556) | (12,394,595) | (12,503,262) | (12,808,737) | (13,859,876) | (15,799,738) | (17,154,950) | (17,805,667) | (18,660,178) | (18,784,534) | (17,711,207) | (15,962,083) | |
| 5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH | 0.25% | 0.25% | 0.25% | 0.20% | 0.19% | 0.16% | 0.16% | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% |
| 6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH | 0.25% | 0.25% | 0.20% | 0.19% | 0.16% | 0.16% | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% |
| 7 TOTAL (LINE 5 AND LINE 6) | 0.50% | 0.50% | 0.45% | 0.39% | 0.35% | 0.32% | 0.28% | 0.24% | 0.24% | 0.24% | 0.24% | 0.24% | 0.24% |
| 8 AVERAGE INTEREST RATE (50% OF LINE 7) | 0.250% | 0.250% | 0.225% | 0.195% | 0.175% | 0.160% | 0.140% | 0.120% | 0.120% | 0.120% | 0.120% | 0.120% | 0.120% |
| 9 INTEREST PROVISION (LINE 4 * LINE 8) / 12 | (2,458) | (2,582) | (2,344) | (2,081) | (2,021) | (2,107) | (2,001) | (1,781) | (1,866) | (1,878) | (1,771) | (1,596) | (24,486) |

CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES
FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

| <u>MONTH</u> | <u>JURISDICTIONAL MWH SALES</u> | <u>CLAUSE REVENUE NET OF REVENUE TAXES</u> |
|--------------|-------------------------------------|--|
| JANUARY | 2,729,836 | \$6,888,885 |
| FEBRUARY | 2,639,595 | \$6,599,933 |
| MARCH | 2,539,088 | \$6,551,413 |
| APRIL | 2,695,337 | \$6,808,970 |
| MAY | 2,872,545 | \$7,610,397 |
| JUNE | 3,478,506 | \$8,796,023 |
| JULY | 3,620,372 | \$9,283,342 |
| AUGUST | 3,757,703 | \$9,548,106 |
| SEPTEMBER | 3,708,528 | \$9,303,187 |
| OCTOBER | 3,244,194 | \$8,077,676 |
| NOVEMBER | 2,855,255 | \$7,041,647 |
| DECEMBER | 2,772,292 | \$6,874,326 |
| TOTAL | <u>36,913,251</u> | <u>\$93,383,905</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. 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 2012 through December 2012: It is estimated that 38,100 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$10,368,337.

Program Progress Summary: As of July 31, 2011 there have been 29,613 customers that have participated in this program. 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, and proper sizing of high efficiency air conditioners.

Program Projections for January 2012 through December 2012: It is estimated that 35,195 completions will be performed in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$11,530,153.

Program Progress Summary: As of July 31, 2011 there have been 34,332 measure installations that have taken place as a result of this program. 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 HVAC commissioning. Incentives are awarded to the builder based on the level of efficiency they choose including Energy Star Certification.

Program Projections for January 2012 through December 2012: It is estimated that 15,590 homes representing 200 builders will participate in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$2,202,694.

Program Progress Summary: As of July 31, 2011 there have been 8,488 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 support the implementation of behavior changes to manage energy use.

Program Projections January 2012 through December 2012: It is estimated that 3,251 households will participate in the Neighborhood Energy Saver Program.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$1,320,911.

Program Progress Summary: As of July 31, 2011 there have been 1,618 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 2012 through December 2012: It is estimated that 2,907 households will participate in the Low-Income Weatherization Assistance Program.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$398,889.

Program Progress Summary: As of July 31, 2011 there have been 2,898 measures installed through 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 direct load control capacity and 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 this equipment. To address the legacy paging infrastructure, a modern two-way digital communication infrastructure platform will be deployed strategically throughout PEF's service territory to support program communications requirements. This will be accomplished by upgrading Progress Energy's remaining manually read meters using AMI MESH technology to establish an overarching telecommunications "umbrella". Additionally, legacy one way switches will be replaced with updated two way switches that plug in and connect with the new telecommunications infrastructure. This system will be compatible with future "Smart Grid" technologies and the improved technology will greatly enhance the ability to maintain the existing levels of load under control.

Program Description and Progress

Over time, Progress Energy will continue with a scaled deployment of new switches and supporting communication devices. This deployment, when complete, would transition the program from legacy one way telecommunications infrastructure to a “Smart Grid” compatible two-way telecommunications infrastructure, preserving and enhancing the performance and reliability of this cost-effective demand side resource.

Program Projections for January 2012 through December 2012: During this period we anticipate adding 7,700 new participants.

Program Fiscal Expenditures for January 2012 through December 2012: Program expenditures during this period are projected to be \$31,307,997.

Program Progress Summary: As of July 31, 2011 there were 379,949 customers participating in the Energy Management program. Through July 31, 2011, a total of 4,395 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. The Business Energy Check serves as the foundation of the Better Business Program.

Program Projections for January 2012 through December 2012: It is estimated that 2,041 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$2,957,943.

Program Progress Summary: As of July 31, 2011 there have been 1,512 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 2012 through December 2012: It is estimated that 2,600 measure installations will take place as a result of this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$3,885,117.

Program Progress Summary: As of July 31, 2011 there have been 1,988 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 2012 through December 2012: It is estimated that 143 measure participants will participate during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$1,035,378.

Program Progress Summary As of July 31, 2011 there has been 106 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 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 2012 through December 2012: It is estimated that 2 customers will participate in the program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$139,717.

Program Progress Summary: As of July 31, 2011 there have been 2 customers that have participated in this program. This program continues to recognize specialized 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 2012 through December 2012: It is estimated that 10 new installations will be completed during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$2,635,420.

Program Progress Summary: As of July 31, 2011 there were 238 active accounts with 57 customers participating in this program.

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 2012 through December 2012: 1 new account is estimated to sign up during the period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$18,639,163.

Program Progress Summary: As of July 31, 2011, this program had 135 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 2012 through December 2012: 1 new participant is expected during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$700,000.

Program Progress Summary: As of July 31, 2011, this program had 4 active accounts with 2 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 CS-2 or CS-3 tariffs.

Program Description and Progress

Program Title: Solar Water Heater for Low Income Residential Customers Pilot

Program Description: This program is a customer renewable energy measure designed to assist low-income families with energy costs by incorporating solar thermal water heating system in their residence while it is under construction. The solar thermal system will be provided at no cost to the non-profit builders or the residential participants.

Program Projections January 2012 through December 2012: It is estimated that 30 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$151,364.

Program Progress Summary: As of July 31, 2011 there were a total of 0 customers participating in the Solar Water Heater for Low Income Pilot program.

Program Description and Progress

Program Title: Solar Water Heater with Energy Management

Program Description: This pilot program encourages residential customers to install a solar thermal water heating system. Additionally, the pilot program promotes the installation of renewable energy on energy efficient homes by requiring customers to complete a Home Energy Check before the solar thermal system is installed. To receive the one-time \$550 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.

Program Projections January 2012 through December 2012: It is estimated that 1,000 customers will participate in this program during the projection period. This estimate assumes an improvement in economic conditions.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$1,504,464.

Program Progress Summary: As of July 31, 2011 there were a total of 70 customers participating in the Solar Water Heater with Energy Management 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: Residential Solar Photovoltaic Pilot

Program Description: This pilot program encourages residential customers to install new solar photovoltaic (PV) systems on their home. Additionally, the pilot program promotes the installation of renewable energy on energy efficient homes by requiring customers to complete a Home Energy Check before the PV system is installed. The pilot program design includes an annual reservation process for pre-approval to ensure the incentive funds are available for participation. Participants can receive a rebate up to \$2.00 per Watt of the PV dc power rating up to a \$20,000 maximum for installing a new PV system.

Program Projections January 2012 through December 2012: It is estimated that 100 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$1,062,325.

Program Progress Summary: As of July 31, 2011 there were a total of 34 measure completions that have taken place as a result of this 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: Commercial Solar Photovoltaic Pilot

Program Description: This pilot program encourages commercial customers to install new solar photovoltaic (PV) systems on their facilities. Additionally, the pilot program promotes the installation of renewable energy on energy efficient businesses by requiring customers to complete a Business Energy Check prior to installation. The pilot program design includes an annual reservation process for pre-approval to ensure the incentive funds are available for participation. Participants can receive a rebate up to \$2.00 per Watt of the PV dc power rating for the first 10 KW, \$1.50 per Watt for 11KW to 50 KW, and \$1.00 per Watt for 51 KW to 100 KW, up to a \$130,000 maximum for installing a new PV system.

Program Projections January 2012 through December 2012: It is estimated that 23 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$1,022,364.

Program Progress Summary: As of July 31, 2011 there were a total of 0 measure completions that have taken place as a result of this 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: Photovoltaic for Schools Pilot

Program Description: This pilot program is designed to promote energy education and provide participating public schools with new solar photovoltaic (PV) systems at no cost to the school. The pilot program will be limited to an annual target of one system with a rating up to 100 kW installed on a post secondary school and up to ten (10) 10 kW systems with battery backup option installed on schools, preferably those serving as emergency shelters.

Program Projections January 2012 through December 2012: It is estimated that 11 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$726,547.

Program Progress Summary: As of July 31, 2011 there were a total of 0 measure completions that have taken place as a result of this program.

Program Description and Progress

Program Title: Research and Demonstration Pilot

Program Description: This program's purpose is to research technology and establish R&D initiatives to support the development of renewable energy pilot programs.

Program Projects proposed for January 2012 through December 2012: Progress Energy has partnered with various research organizations to evaluate solar technologies, impacts, and potential. The following projects will continue and/or launch in 2012:

1. Flat Plate PV Study
2. Distributed Solar PV Variability
3. Electric Power Research Institute (EPRI) programs (Renewables, Economic and Technical Status; Renewables, Solar; and Integrating Renewables into Distribution)

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be capped at \$340,384.

Program Progress Summary: Upon program participation approval on January 18, 2011, Progress Energy began the process of developing research projects to support renewable energy program development. The following is a summary of those projects and activities to date:

- High Penetration PV Circuit Impact Analysis: Progress Energy provided EPRI with feeder load monitoring and solar irradiance data to evaluate potential impacts associated with high penetration of solar photovoltaic (PV) arrays on the distribution system. EPRI is currently developing simulation modeling associated with the interval data provided.
- Distributed Solar PV Variability Project: This project will establish pole-mounted arrays across two circuits. Each array will be monitored to evaluate the effects of intermittency and variability of distributed photovoltaic (PV) resources installed along distribution feeders. Two circuits have been identified for installation of 6 PV monitoring systems, scheduled for October 2011. Data collection will consist of 18 months.

Program Description and Progress

In addition to the projects noted, additional renewable energy research and demonstration projects will be pursued, as well as participation in industry research that supports the pursuit of renewable programs.

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 2012 through December 2012: 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 2012:

- FSEC Improving Best AC Technology
- Renewable SEEDS (alternative energy with storage)
- Mobile energy storage (ZnBr flow battery)
- Smart charging for electric transportation
- Truck stop electrification (TSE) load profile
- DOE L-Prize field assessment
- Electric Power Research Institute (EPRI) programs (energy storage, Intelligrid, electric transportation infrastructure)

Program Fiscal Expenditures for January 2012 through December 2012: Expenses for this program are projected to be \$841,590.

Program Progress Summary: Several research projects achieved significant milestones in 2011; examples include:

- Small-scale wind: Associated with a State of Florida Renewable Energy and Energy-Efficient Technologies Grant, Progress Energy evaluated the potential for small-scale wind energy production within our service territory. After completing site wind analysis, a 2.4kW wind turbine was installed at the Okahumpka Service Plaza for the Florida Turnpike; results to date indicate less than 2 kWh per day of energy production on average over the past 18 months. Working with our research partner Florida Institute of

Program Description and Progress

Technology (FIT) a detailed wind resource map including all publically available anemometers within PEF service territory was conducted resulting in the conclusion that no economic potential for wind existed. FIT is in the process of completing a close-out report for the grant, which will conclude the research project.

- DOE L-Prize: Recently, the Phillips LED light bulb tested by Progress Energy was selected as the winner of the L-Prize competition. While that bulb is moving forward to manufacturing and commercialization, two additional entrants have been announced and the DOE has requested support with additional field assessments. Progress Energy will work with the DOE to select residential and commercial customers for performance and satisfaction assessments.
- FSEC Improving Best AC Technology: An initial fan design and blower assembly has been produced, with laboratory performance testing set to commence. Upon completion of laboratory testing, two end-use customers have been selected to evaluate field performance, including an assessment of energy and demand savings.

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, 2012 through December, 2012: 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, 2012 through December, 2012: Expenses for this program are projected to be \$945,211.

Program Progress Summary: The total MW of qualifying facility capacity including both firm and as-available purchases is approximately 847 MW with approximately another 743 MW of qualifying facility firm and non-firm capacity that has not yet begun operation.