Progress Energy

June 21, 2010

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

Re: Docket 100160-EG
PEF's Petition for Approval of Demand-side Management Plan

Dear Ms. Cole:

Enclosed for filing are an original and 5 copies of PEF's Response to Staff's 2nd Data Request in the above-referenced docket.

Six CDs are attached. One CD contains the attachments in PDF format. Five CDs contain the attachments in Excel (.xls) format as requested by Staff.

Thank you for your assistance in this matter and please let me know if you have any questions.

Sincerely,

John T. Burnett at

John T. Burnett

JTB/at
Attachments

COM ____
APA ____
ECR
GCL 1+1 CD-
RAD 4+5 CD's
SSC ____
ADM ____
OPC ____
CLK ____

PEF's Response to Staff's 2nd Data Request

1. For all existing programs, please provide the historic penetration (participation) levels.

Response:

Refer to Exhibit_1_2005 DSM Annual Report through Exhibit_1_2009 DSM Annual Report provided on the attached CD.

2. On page 36 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Home Energy Improvement Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.74. Please respond to the following:

a. Please provide the RIM test results prior to factoring in PEF's modifications.

Response:

The RIM results for Home Energy Improvement prior to factoring in the latest modifications would be those of the most recently-approved plan: 1.68.

b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 36.

Response:

Proposed modifications:

Added 2nd Tier Window Specification
Added 2nd Tier Window Film application
Added Heat Pump Water Heaters
Expanded Contractor directed participation
Added Do-It-Yourself Measures
Expanded Eligible Measures for the Multi-Family Market, adding Reflective rooting and partial Window Film installation on westward facing windows.
Added HVAC Tune-up
Added HVAC Quality Installation
Added Home Energy Loan
Added 2 additional Tiers to HVAC equipment
Added New HVAC Category - Early Replacement

The primary modification negatively impacting RIM test results is the significant increase in participant incentives. In developing the proposed plan, PEF utilized the E-TRC high case from ITRON, which reflected maximum incentive costs of 50% to 100% of customers incremental measure cost (or "participant cost"). According to ITRON, these levels of incentives are necessary to achieve the required customer participation rates within the 1,585 GWH E-TRC portion of PEF's goal. The previous PEF plan was based on RIM with incentive costs averaging 25% to 33% of incremental participant cost. Therefore, this E-TRC high-case based plan is dramatically different than PEF's current RIM based plan: more than 50% of the measures are new, the incentives are an average of 255% higher, and participation rates are an average of 824% greater when factoring in the new measures.

Additionally, some measures and programs that pass TRC will not pass RIM because there are two components of RIM that are not considered in TRC:

1. Lost revenue is considered a cost component for RIM, but not for TRC. Thus, those measures that primarily reduce energy (and increase lost revenue) will pass TRC, but likely fail RIM.

2. Participant incentives are another cost component utilized in RIM, but not TRC. Thus, increases to incentives for a measure will have no impact to TRC; however, such increases to incentives negatively impact RIM.

It is mathematically impossible to simultaneously offer maximum incentives (50% to 100% of incremental participant cost) for an E-TRC plan necessary to achieve PEF's goals and consistently pass the E-RIM test.

3. On page 47 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Residential New Construction Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.74. Please respond to the following:

a. Please provide the RIM test results prior to factoring in PEF's modifications.

Response:

The RIM results for Residential New Construction prior to factoring in the latest modifications would be those of the most recently-approved plan: 2.27.

b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 47.

Response:

Proposed modifications:

Increased Window Efficiency
Added Heat Pump Water Heaters
Added a Comprehensive Incentive for Energy Star Certification
Added HVAC Quality Installation
Added Incentive to Switch to Heat Pumps for Multi-Family Complexes
Bundled Multiple Measures for Super Efficient Home Construction
Added a 3rd Tier to Heat Pumps

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Additionally, some measures and programs that pass TRC will not pass RIM because there are two components of RIM that are not considered in TRC:

1. Lost revenue is considered a cost component for RIM, but not for TRC. Thus, those measures that primarily reduce energy (and increase lost revenue) will pass TRC, but likely fail RIM.

2. Participant incentives are another cost component utilized in RIM, but not TRC. Thus, increases to incentives for a measure will have no impact to TRC; however, such increases to incentives negatively impact RIM.

It is mathematically impossible to simultaneously offer maximum incentives (50% to 100% of incremental participant cost) for an E-TRC plan necessary to achieve PEF's goals and consistently pass the E-RIM test.

4. On page 59 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Neighborhood Energy Saver Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.63. Please respond to the following:

a. Please provide the RIM test results prior to factoring in PEF's modifications.

Response:

The RIM results for the Neighborhood Energy Saver Program prior to factoring in the latest modifications would be those of the most recently-approved plan: 1.14.

b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 59.

Response:

Proposed modifications:

Added HVAC maintenance
Added Window Film/Solar Screen (E/W/S)
Added Ceiling Insulation

The primary modification negatively impacting RIM test results is the significant increase in participant incentives. In developing the proposed plan, PEF utilized the E-TRC high case from ITRON, which reflected maximum incentive costs of

50% to 100% of customers incremental measure cost (or "participant cost"). According to ITRON, these levels of incentives are necessary to achieve the required customer participation rates within the 1,585 GWH E-TRC portion of PEF's goal. The previous PEF plan was based on RIM with incentive costs averaging 25% to 33% of incremental participant cost. Therefore, this E-TRC high-case based plan is dramatically different than PEF's current RIM based plan: more than 50% of the measures are new, the incentives are an average of 255% higher, and participation rates are an average of 824% greater when factoring in the new measures.

Additionally, some measures and programs that pass TRC will not pass RIM because there are two components of RIM that are not considered in TRC:

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2. Participant incentives are another cost component utilized in RIM, but not TRC. Thus, increases to incentives for a measure will have no impact to TRC; however, such increases to incentives negatively impact RIM.

It is mathematically impossible to simultaneously offer maximum incentives (50% to 100% of incremental participant cost) for an E-TRC plan necessary to achieve PEF's goals and consistently pass the E-RIM test.

c. Please refer to the table on page 61 which displays the benefits and costs of the program under the Participants test. Please explain why column (5) shows Participants Costs for the years 2010 – 2019, yet the narrative on page 51 states "[t]he energy conservation measures installed and energy efficiency education provided will be at no cost to the participants."

Response:

The Participant test was developed assuming that the conservation measure equipment and installation services provided by the program represent both a benefit and a cost to participants. The benefit is counted as an incentive in column (2), while an equivalent cost is counted as a participant cost in column (5), such that the resulting "net cost" to participants is zero. There are no direct costs incurred by participants nor are there any direct incentives paid by PEF to participants associated with actual implementation of this program.

The alternative to this specification of the Participant test would be to show zero incentives and zero participant costs. However, all equipment and installation services provided to participants would then have to be considered a utility program cost and would not accurately reflect the value being provided to program participants.

5. On page 71 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Low Income Weatherization Assistance Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.73. Please respond to the following:

a. Please provide the RIM test results prior to factoring in PEF's modifications.

Response:

The RIM results for LIWAP prior to factoring in the latest modifications would be those of the most recently-approved plan: 1.06.

b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 73.

Response:

Proposed modifications:

Added Energy Education/Community Outreach workshops

The primary modification negatively impacting RIM test results is the significant increase in participant incentives. In developing the proposed plan, PEF utilized the E-TRC high case from ITRON, which reflected maximum incentive costs of 50% to 100% of customers incremental measure cost (or "participant cost"). According to ITRON, these levels of incentives are necessary to achieve the required customer participation rates within the 1,585 GWH E-TRC portion of PEF's goal. The previous PEF plan was based on RIM with incentive costs averaging 25% to 33% of incremental participant cost. Therefore, this E-TRC high-case based plan is dramatically different than PEF's current RIM based plan: more than 50% of the measures are new, the incentives are an average of 255% higher, and participation rates are an average of 824% greater when factoring in the new measures.

Additionally, some measures and programs that pass TRC will not pass RIM because there are two components of RIM that are not considered in TRC:

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2. Participant incentives are another cost component utilized in RIM, but not TRC. Thus, increases to incentives for a measure will have no impact to TRC; however, such increases to incentives negatively impact RIM.

It is mathematically impossible to simultaneously offer maximum incentives (50% to 100% of incremental participant cost) for an E-TRC plan necessary to achieve PEF's goals and consistently pass the E-RIM test.

c. In reference to the table on page 73, please explain the source of the figures in column (4), Total Benefits, which begins with $774 in year 2010.

Response:

The source for (4) Total Benefits is the summation of Savings (1) in Participants Bill, Incentive Payments (2), and Other participants Benefits (3).

During the research supporting this response, it was discovered that a fixed value rather than the formula was copied into table columns Total Benefits (4) and Total Costs (6) in the table provided on page 73 of the Proposed 2010 Demand Side Management Program Plan. The Net Benefits (7) column did not change. The correction applied in the Exhibit for the Low Income Weatherization reflect a change in the benefit cost ratio from 3.17 to 2.22. The error had no significant impacts on the overall Plan results.

Two other tables contained the error in the Benefit Cost Ratio: The Cost-Effectiveness table for the Low Income Weatherization Assistance Program on page 71 and the Summary of Demand Side Management Programs Included in Proposed Plan Period 2010-2019, Table III-1 on page 20. The corrected exhibits for amendment are provided in Exhibit_5-c contained on the attached CD.

6. On page 76, the description of the Residential Energy Management Program states "[m]ajor infrastructure maintenance and system upgrades are necessary to continue to ensure the availability of the existing 700 MW of direct load control capacity . . . ."

Please explain or describe the nature of the upgrade and explain how PEF plans to recover the costs of the upgrade.

Response:

PEF's existing system is a one-way communications (paging) direct load control program with no direct feedback. It provides PEF with approximately 736 wMW of Winter load reduction and 305 sMW of Summer load reduction. Just under 400,000 customers currently participate in the program requiring over 520,000 control switches, the majority being original analog switches. The technology used by this system was first installed in the early 1980's and is now over 25 years old. The system is based on a 154 MHz, analog paging network and was updated in 1992 to add digital transmission to analog paging. The 1992 equipment was manufactured by Motorola who discontinued manufacturing and support of the equipment around 1995 and no longer provides any factory or field technical support. Technical support is only available from individual consultants on a best effort basis. In addition, new or reconditioned spare parts are not maintained or available from Motorola or any other manufacturing sources.

The current population of load control switches consists of approximately 70% analog (no longer manufactured) and 30% digital that are approaching end-of-life either because they are no longer fully functional or have operational limitations that reduce system performance. The load control switch manufacturer has stated they will only be supporting their digital load control switches and their new two-way smart grid-ready switch.

PEF plans to systemically change out the antiquated equipment over the next six years and replace it with a digital two-way communications based system that will be compatible with future Smart Grid technologies. This six-year effort begins in 2010 and covers six years of project work for systems deployment. PEF believes the appropriate "Smart Grid" compatible technology will greatly enhance its ability to maintain the existing level of load under control and will allow PEF to offer new and enhanced DSM programs for its customers.

Consistent with Energy Conservation Cost Recovery (ECCR) clause rules, PEF plans to recover the costs of the infrastructure maintenance and system upgrades described below through the ECCR clause as part of the existing Commission approved Residential Energy Management Program. The 2010 forecasted cost for this effort was included as part of PEF's ECCR Projection filing for the calendar year 2010 filed in September, 2009 in Docket No. 090002-EG that was subsequently approved by the Commission on December 1, 2009 in Order No. PSC-09-0794-FOF-EG.

7. Please refer to the table on page 89 which displays the benefits and costs of the Residential Education program under the Participants test. Please explain why column (5) shows Participants Costs for the years 2010 – 2019, yet the narrative describing the program on pages 83 - 87 does not describe any costs to participating customers.

Response:

The Participant test was developed assuming that the conservation measure equipment and installation services provided by the program represents both a benefit and a cost to participants. The benefit is counted as an incentive in column (2), while an equivalent cost is counted as a participant cost in column (5), such that the resulting "net cost" to participants is zero. There are no direct costs incurred by participants nor are there any direct incentives paid by PEF to participants associated with actual implementation of this program.

The alternative to this specification of the Participant test would be to show zero incentives and zero participant costs. However, all equipment and installation services provided to participants would then have to be considered a utility program cost and would not accurately reflect the value being provided to program participants.

8. According to PEF's description of the Technical Potential Program on page 91, "[t]his program is designed to meet a technical goal of 1621 GWhs by the end of 2019." Please explain the basis for selecting this numeric goal.

Response:

The Technical Potential Program is designed to address the Commission's directive regarding that portion of the numeric goals based on "less than 2 year payback" measures. An E-TRC "high incentive" case was merged, by the Commission, with "less than 2 year payback" residential measures representing 1,621 GWh; the sum equaling the Commission's 2010 - 2019 goal of 3,205 GWh for PEF.

a. On page 93, PEF states "[e]nergy reductions achieved through these tools will be counted within this program." Please explain or describe how PEF will measure the energy reductions achieved.

Response:

PEF will draw upon all available tools and methods to estimate the energy reductions achieved through customer adoption of measures, including the use of statistical analysis of customer billing data in cases where behavioral modification

tools are deployed. PEF calculations and results for this program are exclusive of free riders, as representative of technical potential calculations.

b. The table on page 103 shows annual participation estimates for the Technical Potential program reaching 100% cumulative penetration by 2019. Please explain or describe how PEF intends to effectively reach 100% of its residential customers by 2019.

Response:

The table on page 103 represents the participation required to reach the Technical Potential goal. While PEF has made a projection of what it will take to achieve its goal, the Company recognizes the barriers that may impede its success in meeting the participation levels required to achieve its goal. Consequently, PEF has relied upon marketing estimates of the cost for reaching 100% of a measure's market. PEF believes that in order to effectively manage the increased barriers to implementation, higher incentives and marketing costs will be needed as the Plan matures as evidenced by PEF's experience with its current Neighborhood Energy Saver Program. PEF has found that it is penetrating less than 70% of the eligible households, despite the fact that the program pays 100% of the energy improvement cost and provides professional installers at the customer's convenience.

c. Please recreate the tables on page 104 showing the total program savings estimates assuming only a 50% cumulative penetration level is achieved by 2019.

Response:

The following tables show the savings estimates assuming a 50% cumulative penetration level is achieved by 2019. This results in GWh savings for PEF's plan being reduced by 810 GWh to an aggregate plan level more consistent with other Florida IOU goals when measured as a percentage of sales.

PEF estimates that associated program costs of the 50% participation scenario could be reduced by more than 70%.

Savings Estimates at the Meter

Year	Per Customer KWh Reduction	Per Customer Winter KW Reduction	Per Customer Summer KW Reduction	Total Annual KWh Reduction	Total Annual Winter KW Reduction	Total Annual Summer KW Reduction
2010	1174	0.09	0.28	12,259,404	977	2,891
2011	1174	0.09	0.28	12,267,201	977	2,893
2012	1085	0.08	0.24	20,428,412	1,466	4,543
2013	1052	0.07	0.23	28,650,725	1,954	6,209
2014	975	0.06	0.20	32,723,720	1,954	6,620
2015	953	0.06	0.19	71,863,126	4,397	14,436
2016	911	0.06	0.18	104,892,313	6,352	20,485
2017	931	0.06	0.19	128,694,990	8,794	26,201
2018	871	0.06	0.17	165,250,351	10,749	31,922
2019	846	0.05	0.16	183,318,443	11,237	34,256

Savings Estimates at the Generator

Year	Per Customer KWh Reduction	Per Customer Winter KW Reduction	Per Customer Summer KW Reduction	Total Annual KWh Reduction	Total Annual Winter KW Reduction	Total Annual Summer KW Reduction
2010	1250	0.10	0.29	13,059,943	1,041	3,080
2011	1251	0.10	0.30	13,068,249	1,041	3,082
2012	1155	0.08	0.26	21,762,387	1,561	4,840
2013	1121	0.08	0.24	30,521,617	2,082	6,615
2014	1039	0.06	0.21	34,860,579	2,082	7,053
2015	1015	0.06	0.20	76,555,788	4,684	15,378
2016	971	0.06	0.19	111,741,781	6,766	21,823
2017	992	0.07	0.20	137,098,773	9,369	27,912
2018	927	0.06	0.18	176,041,199	11,451	34,006
2019	902	0.06	0.17	195,289,137	11,971	36,493

9. Please refer to the Better Business Program described on pages 110 – 119. According to the program description, "[a]ll business customers are eligible for this program." [page 110] Please explain why one of the general eligibility requirements on page 111 is "[m]ust have been influenced by one of Progress Energy's education opportunities."

Response:

All business customers are eligible for the Better Business Program. As a way to minimize free riders, they must have been influenced by one of PEF's education opportunities. All business customers are eligible for PEF's education opportunities.

10. On page 119 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Better Business Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.69. Please respond to the following:

a. Please provide the RIM test results prior to factoring in PEF's modifications.

Response:

The RIM results for the Better Business Program prior to factoring in the latest modifications would be those of the most recently-approved plan: 1.47.

b. Please explain or describe the proposed modifications to the existing program.

Response:

Proposed modifications:

Added Induction Lighting /Cold Cathode 175 MH to 85 watt Induction
Added Vending Mizers (Cooled machines only)
Added AC Savings to CMH 39 Ceramic MH (RFL150)
Added Hotel AC control sensors
Added Compressor VSD retrofit (Refrigeration)
Added Oversized air cooled condenser (Refrigeration)
Added EMS - Chiller Optimization
Added Building Commisioning
Added Hybrid Desiccant-DX EER 10.6 (Trane CDQ)
Added Geothermal Heat Pump EER/COP 14.1/3.3
Added SEER 13 AC to SEER 14 HP to 2014
Added SEER 13 AC to SEER 15 HP
Added SEER 13 AC to SEER 17 HP
Added SEER 13 HP to SEER 17 HP
Added PTAC to PTHP 10k EER 8.7 - EER 9.7/2.9
Added SPV HP EER/COP 8.6/2.7 - 9.46/2.97
Added PTAC to PTAC
Added 13-14 SEER A/C
Added 15 SEER A/C
Added 16 SEER A/C
Added 19+ SEER A/C
Added Heat Pump water heater air source (Water heating)
Added Variable Speed Drive Control
Added Exhaust Hood opt. (Ventilation)
Added VSD for chiller and tower pumps (Cooling)
Added Heat Pipe for AC package
Added Multiplex Compressor system
Modified PTAC-HP Coil Cleaning to include chemical cleaning
Added DX Tune Up
Added DX RTU Re-commissioning
Combined Cool Roof with Roof Insulation ≤R11 to R19
Separated AC types for Cool Roof - Chiller
Seprated AC types for Cool Roof - DX
Added Electronically Commutated Motors (ECM) (750 x .067 HP) p/HP
Added Ice Maker

The primary modification negatively impacting RIM test results is the significant increase in participant incentives. In developing the proposed plan, PEF utilized the E-TRC high case from ITRON, which reflected maximum incentive costs of 50% to 100% of customers incremental measure cost (or "participant cost").

According to ITRON, these levels of incentives are necessary to achieve the required customer participation rates within the 1,585 GWH E-TRC portion of PEF's goal. The previous PEF plan was based on RIM with incentive costs averaging 25% to 33% of incremental participant cost. Therefore, this E-TRC high-case based plan is dramatically different than PEF's current RIM based plan: more than 50% of the measures are new, the incentives are an average of 255% higher, and participation rates are an average of 824% greater when factoring in the new measures.

Additionally, some measures and programs that pass TRC will not pass RIM because there are two components of RIM that are not considered in TRC:

1. Lost revenue is considered a cost component for RIM, but not for TRC. Thus, those measures that primarily reduce energy (and increase lost revenue) will pass TRC, but likely fail RIM.

2. Participant incentives are another cost component utilized in RIM, but not TRC. Thus, increases to incentives for a measure will have no impact to TRC; however, such increases to incentives negatively impact RIM.

It is mathematically impossible to simultaneously offer maximum incentives (50% to 100% of incremental participant cost) for an E-TRC plan necessary to achieve PEF's goals and consistently pass the E-RIM test.

11. On page 130 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Commercial/Industrial New Construction Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.71. Please respond to the following:

a. Please provide the RIM test results prior to factoring in PEF's modifications.

Response:

The RIM results for the Commercial/Industrial New Construction Program prior to factoring in the latest modifications would be those of the most recently-approved plan: 1.43.

b. Please explain or describe the proposed modifications to the existing program.

Response:

Proposed modifications:

Added AC savings to Premium T8, EB 2010
Added Induction Lighting /Cold Cathode
Added Vending Mizers
Added AC savings to CMH 39 Ceramic MH (RFL150) 2010
Added AC savings to High Bay T5 2010
Added AC savings to LED Display Lighting 2010
Added Oversized air cooled condenser (Refrigeration)
Added Building Commisioning
Added Hybrid Desiccant-DX EER 10.6 (Trane CDQ) 2010
Modified to reflect code change for Hybrid Desiccant-DX EER 11.1 (Trane CDQ) 2013
Added Geothermal Heat Pump EER/COP 14.1/3.3 2010
Modified to reflect code change for Geothermal Heat Pump EER/COP
Modified to reflect code change for SEER 14.5 HP to SEER 16 HP 2013
Modified to reflect code change for SEER 14.5 HP to SEER 17 HP 2013
Added SEER 13 HP to SEER 17 HP 2010
Modified to reflect code change for SEER 14.5 HP to SEER 18 HP 2013
Added PTAC-PTHP 11k EER/COP 10.8-2.95 2010
Modified to reflect code change for Added PTAC-PTHP 11k EER/COP 11.6-3.2 2013
Added 15 SEER A/C
Added 16 SEER A/C
Added 19+ SEER A/C
Added Variable speed drive control
Added VSD for chiller and tower pumps (Cooling)
Added Heat Pipe
Added Multiplex Compressor system
Modified to reflect code change for Window Film SHGC .36 (Standard) 2013
Anticipated Code Change for Roof Insulation R-13 to R-19 2013
Combined Cool Roof with Insulation R11 to R19 2010
Modified to reflect code change for Cool Roof with Insulation R15 to R19 2013
Modified to reflect code change for Cool Roof - Chiller .55 kw/ton 2013
Modified to reflect code change for Cool Roof - DX EER 10 2013
Added Electronically Commutated Motors (ECM) (750 x .067 HP) p/HP
Added Ice Maker

The primary modification negatively impacting RIM test results is the significant increase in participant incentives. In developing the proposed plan, PEF utilized the E-TRC high case from ITRON, which reflected maximum incentive costs of 50% to 100% of customers incremental measure cost (or "participant cost"). According to ITRON, these levels of incentives are necessary to achieve the required customer participation rates within the 1,585 GWH E-TRC portion of PEF's goal. The previous PEF plan was based on RIM with incentive costs averaging 25% to 33% of incremental participant cost. Therefore, this E-TRC high-case based plan is dramatically different than PEF's current RIM based plan: more than 50% of the measures are new, the incentives are an average of 255% higher, and participation rates are an average of 824% greater when factoring in the new measures.

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2. Participant incentives are another cost component utilized in RIM, but not TRC. Thus, increases to incentives for a measure will have no impact to TRC; however, such increases to incentives negatively impact RIM.

It is mathematically impossible to simultaneously offer maximum incentives (50% to 100% of incremental participant cost) for an E-TRC plan necessary to achieve PEF's goals and consistently pass the E-RIM test.

12. Please refer to the table on page 154 which displays the benefits and costs of the Commercial Education Program under the Participants test. Please explain why the figures in column (2) Incentive Payments, and column (7) Participants Costs, are identical for each year. In addition, please explain the basis of Participants Costs as represented in column (7).

Response:

The Participant test was developed assuming that the conservation measure equipment and installation services provided by the program represents both a benefit and a cost to participants. The benefit is counted as an incentive in column (2), while an equivalent cost is counted as a participant cost in column (5), such that the resulting "net cost" to participants is zero. There are no direct costs incurred by participants nor are there any

direct incentives paid by PEF to participants associated with actual implementation of this program.

The alternative to this specification of the Participant test would be to show zero incentives and zero participant costs. However, all equipment and installation services provided to participants would then have to be considered a utility program cost and would not accurately reflect the value being provided to program participants.

13. Please refer to the table on page 196 which displays the annual participation estimates for the Business Energy Response Program. Please explain the large increase in program measure participants from 7 participants in year 2011 to 5,904 participants in year 2012. Please explain or describe how PEF plans to achieve such a significant increase in 12 months.

Response:

The Business Energy Response Program consists of three primary components: 1) interfacing with existing Energy Management Systems, 2) direct control of air conditioning systems via a two-way communication switch, and 3) providing interval meter data and information to the customer.

In 2011, the communications network will not be available to implement components 2 and 3. But for those commercial customers that have an existing Energy Management System (component 1), PEF plans to manually notify them to shed load during critical peak periods. Therefore, the participation numbers are lower in 2011 since it only includes those commercial customers participating in the manual process for component 1. The participation number increases in following years as the two-way communication system is deployed, allowing customers to actively participate in the other two components of the program. The participation numbers in the table include participants in all three components of the program.

Business Energy Response Program				
Year	EMS Tie-in	A/C Switch	Energy Usage /Cost Data	Total
2010	24			24
2011	7			7
2012	93	811	5000	5,904
2013	93	812	5000	5,905
2014	93	811	10000	10,904
2015	93	811	15000	15,904
2016	93	812	17500	18,405
2017	93	811	17500	18,404
2018	93	811	16000	16,904
2019	94	720		814
Total	776	6,399	86,000	93,175

The large increase in program measure participants from 7 participants in year 2011 to 5,904 participants in year 2012 is due to the rollout of the 'Energy Usage/Cost Data' portion of the program in 2012. This program will be tested in 2011 in preparation of a 2012 roll-out. The 'Energy Usage/Cost Data' portion involves giving access to a web portal to inform the customer of their energy usage and the related cost. This information is expected to promote conservation and optimize off-peak energy use. The A/C switch component of the program is also expected to roll out in 2012.

For the following questions, please refer to the six pilot programs in PEF's Demand-Side Renewable Portfolio.

14. Please explain or describe PEF's decision to allocate the majority of solar pilot program expenditures to PV programs (approximately 75%), as compared with solar thermal programs (approximately 21%).

Response:

PEF's decision to allocate the majority of solar pilot program expenditures to PV programs was based on three primary criteria:

- Associated with PEF's existing DSM solar thermal program over $1.5 million has been provided to approximately 3,500 participants, while only $110,000 has been used to

support solar PV associated with PEF's solar for schools program. The pilot initiatives defined within the Demand-Side Renewable Portfolio recognize this historical performance.

- Cost to install solar PV is approximately 2 to 4 times greater than a comparable solar thermal system. This significant cost difference drives a similar incentive allocation disparity.
- A limited market for converting existing commercial electric hot water systems to solar thermal directed 100% of the commercial incentive and program funding toward solar PV.

15. Please refer to page 222 which describes the Photovoltaic For Schools Pilot Program. The new photovoltaic systems will be installed by PEF at no cost to the school and will be owned, operated, and maintained by PEF for a period of 5 years, after which the school assumes ownership and system benefits. Please identify the type of costs, if any, that PEF expects the schools might incur after the schools assume ownership in five years.

Response:

Yearly general maintenance on solar PV systems is minimal requiring a wash and inspection. It is expected the facility staff will be able to perform general maintenance as needed. However, should the school work with a solar vendor, the Florida Solar Energy Center (FSEC) estimates the cost at $300 per year. The PV array module life should last beyond 20 years, with FSEC estimating closer to 30 years. However, the energy storage batteries and inverter equipment life is expected to be 10 to 15 years. Therefore, to maintain the full system, equipment replacements for the batteries and inverter will be required at least once. Below is a summary table of equipment replacement estimates.

Component	Expected Life	Cost to Replace (per Watt)
Batteries	10-15 years	$1.50 to $4.50
Inverter	10 years	$0.60 to $1.25
Modules	30 years	N/A

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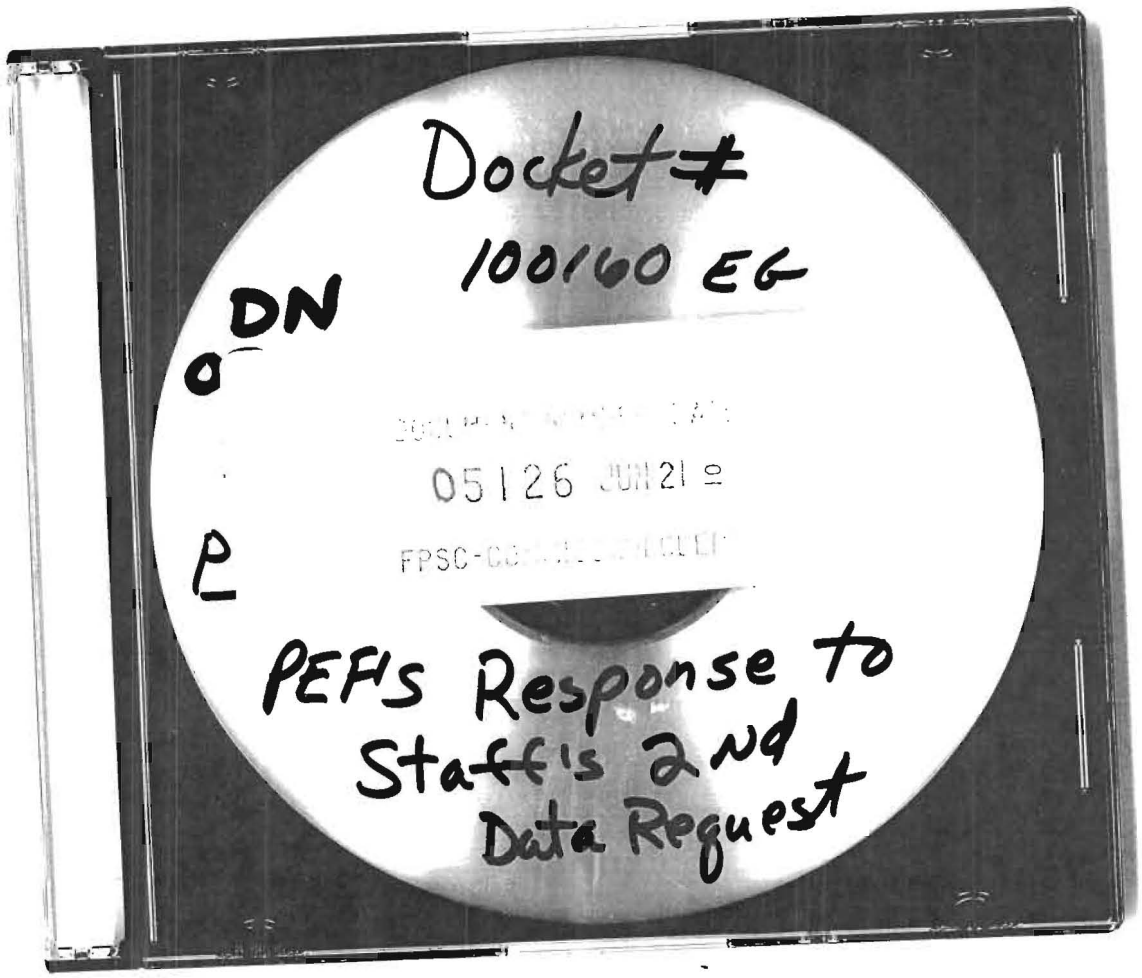

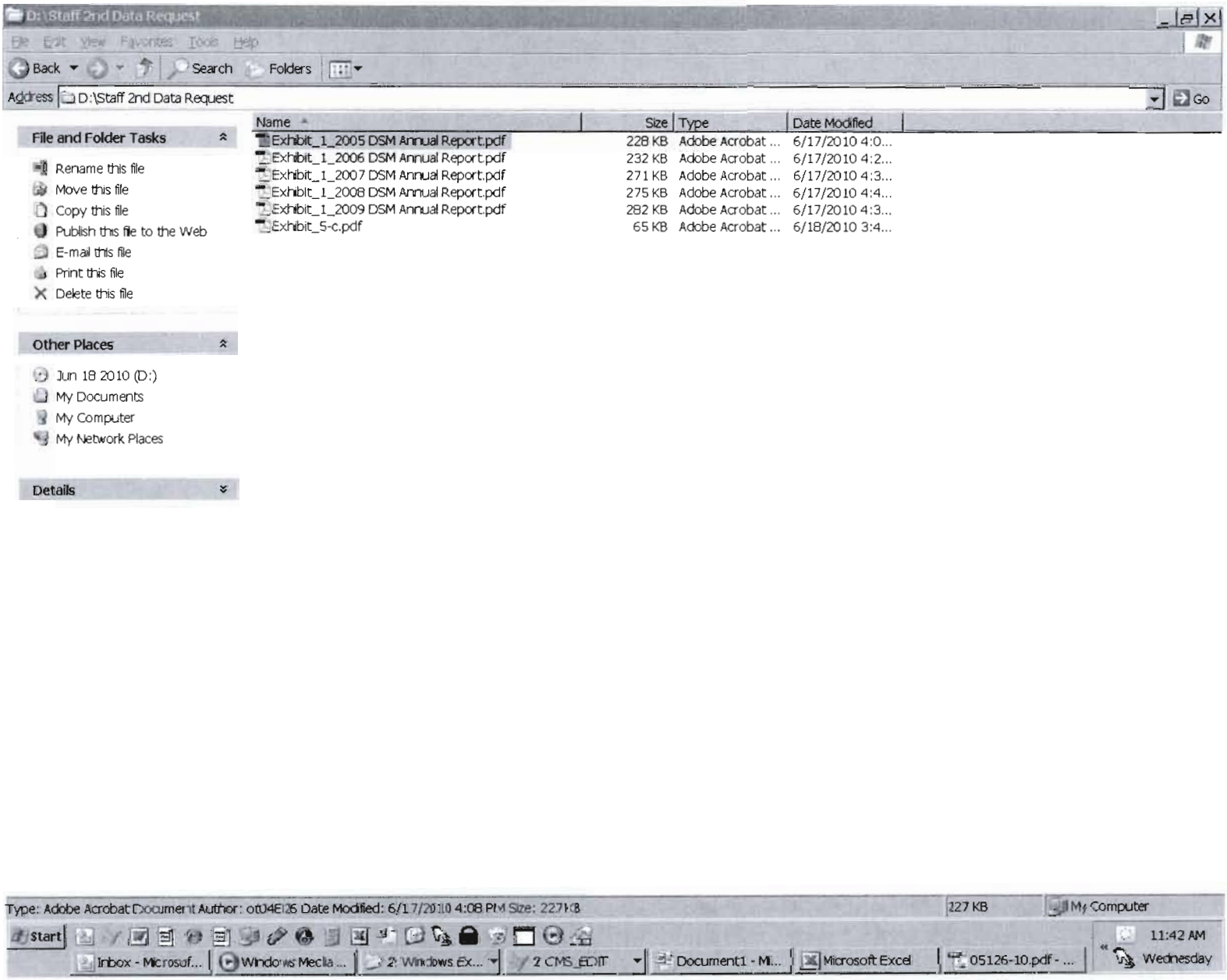
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PEF-DSM-00509

PROGRESS ENERGY FLORIDA
2005
COMPARISON OF ACHIEVED KW & KWH REDUCTIONS
WITH PUBLIC SERVICE COMMISSION ESTABLISHED GOALS*

RESIDENTIAL

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	48	43	12%	18	13	38%	29	21	38%
2006		75			21			35	
2007		108			30			50	
2008		142			38			65	
2009		175			47			80	
2010		210			55			95	
2011		248			65			112	
2012		287			74			128	
2013		324			83			144	
2014		366			92			161	

COMMERCIAL / INDUSTRIAL*

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	6	3	100%	8	4	100%	3	3	0%
2006		7			7			6	
2007		10			11			9	
2008		14			14			12	
2009		17			18			15	
2010		20			21			18	
2011		24			25			20	
2012		28			29			23	
2013		31			32			26	
2014		34			36			29	

Please note: C/I goals were based on measures that were cost-effective.

*Figures are rounded to the nearest whole number.

Demand Side Management Annual Report

PEF-DSM-00510

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Check
Program Start Date: January 1991
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,382,699	27,500	2%	38,389	38,389	3%	10,889
2006	1,406,712	1,406,712	54,500	4%				
2007	1,431,102	1,431,102	81,500	6%				
2008	1,455,971	1,455,971	108,000	7%				
2009	1,481,124	1,481,124	134,000	9%				
2010	1,505,866	1,505,866	154,000	10%				
2011	1,529,665	1,529,665	174,000	11%				
2012	1,552,660	1,552,660	194,500	13%				
2013	1,575,153	1,575,153	216,000	14%				
2014	1,597,449	1,597,449	238,000	15%				

1. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.

2. Annual Number of Program Participants is the projected number of cumulative energy audits that will be conducted

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.1	0.1	2,435.0	2,577.9
Winter kW Reduction	0.1	0.1	2,435.0	2,541.7
Annual kWh Reduction	209.5	224	8,044,283	8,448,910

Utility Cost per Installation:	$109
Total Program Cost of the Utility ($000):	$4,198
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00511

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Improvement
Program Start Date: April 1996
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	69,135	14,530	21%	17,459	17,459	25%	2,929
2006	1,406,712	139,471	24,475	18%				
2007	1,431,102	211,026	34,746	16%				
2008	1,455,971	283,824	45,669	16%				
2009	1,481,124	357,880	59,985	17%				
2010	1,505,866	433,174	69,279	16%				
2011	1,529,665	509,657	83,203	16%				
2012	1,552,660	587,290	97,127	17%				
2013	1,575,153	666,048	110,531	17%				
2014	1,597,449	745,920	123,935	17%				

1. *Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.*
2. *Total number of Eligible Customers is based on an estimate of the cumulative number of central heat pumps and air conditioners that are replaced each year.*
3. *Annual number of Measure Participants is the projected number of cumulative measure installations from all measures promoted through this program. Because customers can install multiple measures, the actual number of participants will be less.*

4,917	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
157298	Total WKW Reduction	
B(npv)= 443.37	Equation Per Ruling	
45.319	Normalized for actual year	

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.5	0.6	9,091.0	9,624.6
Winter kW Reduction	0.9	1.0	16,078.0	16,782.2
Annual kWh Reduction	683.5	717.9	11,933,668	12,533,932

Utility Cost per Installation:	$164
Total Program Cost of the Utility ($000):	$2,862
Net Benefits of Measures Installed During Reporting Period ($000):	$45.319

Demand Side Management Annual Report

PEF-DSM-00512

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential New Construction
Program Start Date: April 1996 with modifications approved in 2004
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	27,654	11,718	42%	24,681	24,681	89%	12,963
2006	1,406,712	55,788	22,927	41%				
2007	1,431,102	84,410	34,286	41%				
2008	1,455,971	113,530	44,796	39%				
2009	1,481,124	143,152	55,311	39%				
2010	1,505,866	173,270	65,832	38%				
2011	1,529,665	203,863	76,358	37%				
2012	1,552,660	234,916	86,891	37%				
2013	1,575,153	266,419	97,430	37%				
2014	1,597,449	298,368	107,972	36%				

	7,475	Rim Net Benefits ($000)	**From plan--won't change
	0.0816	Discount Rate	
	n/a	Total # of Participants	
	111962	Total WKW Reduction	
B(npv)=	674.0339	Equation Per Ruling	
	122.7399	Normalized for actual year	

1. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
2. Total number of eligible new homes constructed in PEF's territory.
3. Annual Number of Measure Participants is the projected number of cumulative measure applications from all measures promoted by this program. Because customer can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.3	0.3	6,863.0	7,265.9
Winter kW Reduction	0.8	0.9	20,388.0	21,281.0
Annual kWh Reduction	370.7	389.4	9,149,459	9,609,677

Utility Cost per Installation:	$45
Total Program Cost of the Utility ($000):	$1,108
Net Benefits of Measures Installed During Reporting Period ($000):	$122.74

Demand Side Management Annual Report

PEF-DSM-00513

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Low Income Weatherization Assistance
Program Start Date: May 2000 with modifications approved in 2005
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1500	416	28%	107	107	7%	-309
2006	1,406,712	3026	832	27%				
2007	1,431,102	4579	1248	27%				
2008	1,455,971	6158	1664	27%				
2009	1,481,124	7765	2080	27%				
2010	1,505,866	9398	2496	27%				
2011	1,529,665	11058	2912	26%				
2012	1,552,660	12742	3328	26%				
2013	1,575,153	14451	3744	26%				
2014	1,597,449	16184	4160	26%				

	12	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	2814	Total WKW Reduction
B(npv)=	1.08206	Equation Per Ruling
	0.01615	Normalized for actual year

1. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
2. Total number of Eligible Customers that are weatherized by local weatherization assistance providers.
3. Annual Number of Measure Participants is the projected number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.1	0.1	10.0	10.6
Winter kW Reduction	0.4	0.4	42.0	43.8
Annual kWh Reduction	226.3	237.7	24,216	25,434

Utility Cost per Installation:	$723
Total Program Cost of the Utility ($000):	$77
Net Benefits of Measures Installed During Reporting Period ($000):	$0.02

Demand Side Management Annual Report

PEF-DSM-00514

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential Energy Management
Program Start Date: January 1981 with revision approved May 2000
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,030,016	5,000	0.49%	4,348	4,348	0%	-652
2006	1,406,712	1,065,266	9,500	0.89%				
2007	1,431,102	1,098,861	14,000	1.27%				
2008	1,455,971	1,131,190	18,300	1.62%				
2009	1,481,124	1,162,301	22,600	1.94%				
2010	1,505,866	1,191,704	26,900	2.26%				
2011	1,529,665	1,219,697	31,200	2.56%				
2012	1,552,660	1,246,468	35,500	2.85%				
2013	1,575,153	1,272,359	39,800	3.13%				
2014	1,597,449	1,297,713	44,800	3.45%				

* *Annual Number of Program Participants represents annual new additions to the program.*
*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

10591	Rim Net Benefits ($000)	
0.0816	Discount Rate	
44800	Total # of Participants	
2.14	Customer KW Reduction at the Meter	
95872	Total WKW Reduction	
B(npv)= 955.009	Equation Per Ruling	
92.687	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.0	0.0	0.0	0.0
Winter kW Reduction	2.1	2.2	9,305	9,712.3
Annual kWh Reduction	0.0	0.0	0	0

Utility Cost per Installation: *	$63
Total Program Cost of the Utility ($000):	$22,122
Net Benefits of Measures Installed During Reporting Period ($000):	$92.69

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utility program costs for 2005 include incentives paid in 2005 to eligible participants

Demand Side Management Annual Report

PEF-DSM-00515

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Business Energy Check
Program Start Date: January 1991
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1,500	150	2,054	2,054	1%	554
2006	188,338	169,504	3,000	300				
2007	191,917	172,725	4,500	450				
2008	195,622	176,060	6,000	600				
2009	199,361	179,425	7,500	750				
2010	203,048	182,743	9,000	900				
2011	206,613	185,952	10,500	1,050				
2012	210,080	189,072	12,000	1,200				
2013	213,480	192,132	13,500	1,350				
2,014	216,855	195,170	15,000	1,500				

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.1	0.1	285.0	300.8
Winter kW Reduction	0.1	0.1	285.0	298.2
Annual kWh Reduction	296.3	311.4	608,700	639,683

Utility Cost per Installation:	$470
Total Program Cost of the Utility ($000):	$965
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00516

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Better Business
Program Start Date: April 1996
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
	(Total number of customers is the forecast of commercial floorspace (in 000s of sq ft)							
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	489	0.30%	161	161	0.1%	-328
2006	188,338	169,504	987	0.60%				
2007	191,917	172,725	1,467	0.90%				
2008	195,622	176,060	1,956	1.10%				
2009	199,361	179,425	2,445	1.40%				
2010	203,048	182,743	2,934	1.60%				
2011	206,613	185,952	3,423	1.90%				
2012	210,080	189,072	3,912	2.10%				
2013	213,480	192,132	4,401	2.30%				
2,014	216,855	195,170	4,890	2.50%				

	1,379	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	6,912.0	Total SKW Reduction
B(npv)=	124.35	Equation Per Ruling
	39.2	Normalized for actual year

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

2. This total is larger than the number of actual customers anticipated installing eligible measures and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	13.5	14.3	2,179.0	2,299.5
Winter kW Reduction	2.9	3.1	472.0	493.9
Annual kWh Reduction	13,663.7	14,359.2	2,199,861	2,311,834

Utility Cost per Installation:	$1,443
Total Program Cost of the Utility ($000):	$232
Net Benefits of Measures Installed During Reporting Period ($000):	$39.20

Demand Side Management Annual Report

PEF-DSM-00517

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: C/I New Construction
Program Start Date: April 1996
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
	Total number of customers is the forecast of commercial floorspace (in 000s of sq ft)							
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	3,365	189	0.60%	17	17	1%	-172
2006	188,338	6,944	368	0.50%				
2007	191,917	10,649	547	0.50%				
2008	195,622	14,388	726	0.50%				
2009	199,361	18,075	905	0.50%				
2010	203,048	21,640	1,084	0.50%				
2011	206,613	25,107	1,263	0.50%				
2012	210,080	28,500	1,442	0.50%				
2013	213,480	31,882	1,621	0.50%				
2,014	216,855	35,182	1,800	0.50%				

	1185	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	4685	Total SKW Reduction
B(npv)=	106.85	Equation Per Ruling
	8.4844	Normalized for actual year

1. *Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.*
2. *This total is larger than the number of actual customers anticipated installing eligible measures and earning an incentive since many customers install multiple measures at one account.*

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	21.9	23.1	372.0	392.6
Winter kW Reduction	3.1	3.2	52.0	54.4
Annual kWh Reduction	36,609.6	38,473.1	622,364	654,042

Utility Cost per Installation:	$3,009
Total Program Cost of the Utility ($000):	$51
Net Benefits of Measures Installed During Reporting Period ($000):	$8.48

Demand Side Management Annual Report

PEF-DSM-00518

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Innovation Incentive
Program Start Date: January 1991
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1	0%	0	0	0%	-1
2006	188,338	169,504	2	0%				
2007	191,917	172,725	3	0%				
2008	195,622	176,060	4	0%				
2009	199,361	179,425	5	0%				
2010	203,048	182,743	6	0%				
2011	206,613	185,952	7	0%				
2012	210,080	189,072	8	0%				
2013	213,480	192,132	9	0%				
2,014	216,855	195,170	10	0%				

		Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	840	Total WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

1. *Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.*
2. *This total is larger than the number of actual customers anticipated installing eligible measures and earning an incentive since many customers install multiple measures at one account.*

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	---
Total Program Cost of the Utility ($000):	$3
Net Benefits of Measures Installed During Reporting Period ($000):	$0

Demand Side Management Annual Report

PEF-DSM-00519

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Commercial Energy Management
Program Start Date: April 1996 - (Closed to new participants effective May 2000)
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	0	0	0%	0	0	0%	0
2006	188,338	0	0	0%				
2007	191,917	0	0	0%				
2008	195,622	0	0	0%				
2009	199,361	0	0	0%				
2010	203,048	0	0	0%				
2011	206,613	0	0	0%				
2012	210,080	0	0	0%				
2013	213,480	0	0	0%				
2,014	216,855	0	0	0%				

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

0	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
8747	Total Annual SKW Reduction	
B(npv)= 0	Equation Per Ruling	
0	Normalized for actual year	

Program values came from DSM Plan, dated Feb 22, 1995

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	$1,864
Total Program Cost of the Utility ($000): *	$637
Net Benefits of Measures Installed During Reporting Period ($000):	$0

* Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants

Demand Side Management Annual Report

PEF-DSM-00520

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Standby Generation
Program Start Date: April 1993
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	590	4	0.70%	5	5	1%	1
2006	188,338	599	8	1.30%				
2007	191,917	608	12	2.00%				
2008	195,622	618	16	2.60%				
2009	199,361	627	20	3.20%				
2010	203,048	636	24	3.80%				
2011	206,613	645	28	4.30%				
2012	210,080	654	32	4.90%				
2013	213,480	663	36	5.40%				
2,014	216,855	672	40	6.00%				

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
2. Total Number of Eligible Customers is based on the total number of customers having on-site generation.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	276.0	291.3	1,380.0	1,456.3
Winter kW Reduction	---	---	1,380.0	1,444.0
Annual kWh Reduction	---	---	6,900	7,251

Utility Cost per Installation: * $9,102
Total Program Cost of the Utility ($000): $674
Net Benefits of Measures Installed During Reporting Period ($000): $8.41

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants

	1200	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	17760	Total Annual WKW Reduction
B(npv)=	108.21	Equation Per Ruling
	8.4079	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Demand Side Management Annual Report

PEF-DSM-00521

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Interruptible Service
Program Start Date: November 1992 - (Rate Schedule IS-1 is closed to new customers, and IS-2 became effective June 1996.)
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	0	0	4	4	0	4
2006	188,338	1,008	0	0				
2007	191,917	1,033	1	0				
2008	195,622	1,059	1	0				
2009	199,361	1,086	1	0				
2010	203,048	1,113	1	0				
2011	206,613	1,141	2	0				
2012	210,080	1,169	2	0				
2013	213,480	1,198	2	0				
2,014	216,855	1,228	2	0				

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers

*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

11	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
1000	Total Annual WKW Reduction	
B(npv)= 0.991889	Equation Per Ruling	
4.007233	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	1,010.0	1,065.9	4,040	4,263.4
Winter kW Reduction	1,010.0	1,056.9	4,040	4,227.5
Annual kWh Reduction	5,050.0	5,307.0	20,200	21,228

Utility Cost per Installation: *	$130,598
Total Program Cost of the Utility ($000):	$19,720
Net Benefits of Measures Installed During Reporting Period ($000):	$4.007

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants

Demand Side Management Annual Report

PEF-DSM-00522

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Curtailable Service
Program Start Date: November 1992 - (Rate Schedule CS-1 is closed to new customers, and CS-2 became effective June 1996.)
Reporting Period: 2005

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	1	0	0	0	0	-1
2006	188,338	1,008	1	0				
2007	191,917	1,033	1	0				
2008	195,622	1,059	2	0				
2009	199,361	1,086	2	0				
2010	203,048	1,113	2	0				
2011	206,613	1,141	3	0				
2012	210,080	1,169	3	0				
2013	213,480	1,198	3	0				
2,014	216,855	1,228	4	0				

** Annual Number of Program Participants represents annual new additions to the program.*

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

98	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
1000	Total Annual WKW Reduction	
B(npv)= 8.8368	Equation Per Ruling	
0	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: *	$157,869
Total Program Cost of the Utility ($000):	$1,263
Net Benefits of Measures Installed During Reporting Period ($000):	$0

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants

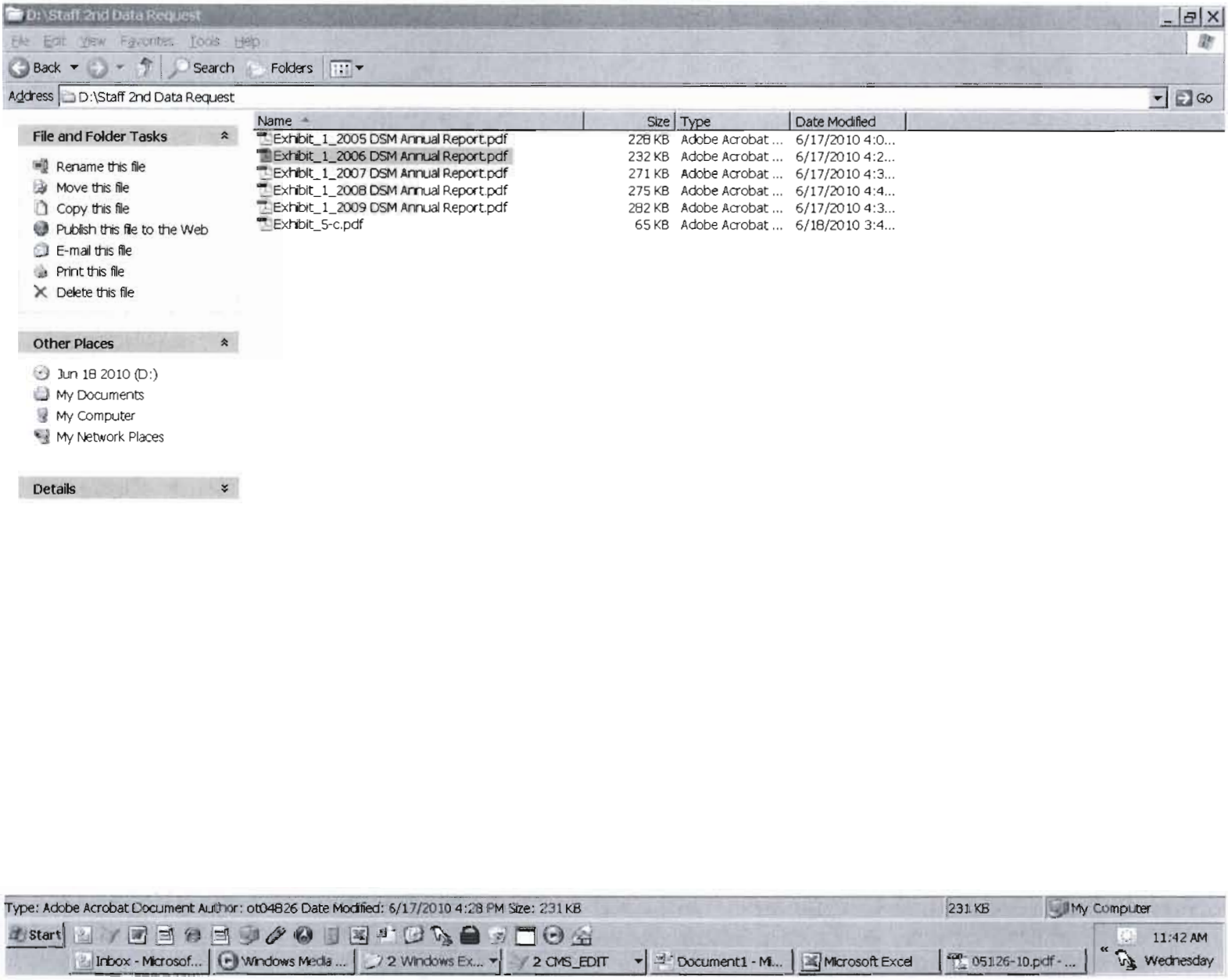
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Exhibit_1_2007 DSM Annual Report.pdf 271 KB Adobe Acrobat ... 6/17/2010 4:3...
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PROGRESS ENERGY FLORIDA
2006
COMPARISON OF ACHIEVED KW & KWH REDUCTIONS
WITH PUBLIC SERVICE COMMISSION ESTABLISHED GOALS*

PEF-DSM-00523

RESIDENTIAL

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	48	43	12%	18	13	38%	29	21	38%
2006	99	75	32%	37	21	76%	58	35	66%
2007		108			30			50	
2008		142			38			65	
2009		175			47			80	
2010		210			55			95	
2011		248			65			112	
2012		287			74			128	
2013		324			83			144	
2014		366			92			161	

COMMERCIAL / INDUSTRIAL*

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	6	3	100%	8	4	100%	3	3	0%
2006	12	7	71%	16	7	129%	9	6	50%
2007		10			11			9	
2008		14			14			12	
2009		17			18			15	
2010		20			21			18	
2011		24			25			20	
2012		28			29			23	
2013		31			32			26	
2014		34			36			29	

Please note: C/I goals were based on measures that were cost-effective.

*Figures are rounded to the nearest whole number.

Demand Side Management Annual Report

PEF-DSM-00524

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Check
Program Start Date: January 1991
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,382,699	27,500	2%	38,389	38,389	3%	10,889
2006	1,406,712	1,406,712	54,500	4%	42,702	81,091	6%	26,591
2007	1,431,102	1,431,102	81,500	6%				
2008	1,455,971	1,455,971	108,000	7%				
2009	1,481,124	1,481,124	134,000	9%				
2010	1,505,866	1,505,866	154,000	10%				
2011	1,529,665	1,529,665	174,000	11%				
2012	1,552,660	1,552,660	194,500	13%				
2013	1,575,153	1,575,153	216,000	14%				
2014	1,597,449	1,597,449	238,000	15%				

1. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.

2. Annual Number of Program Participants is the projected number of cumulative energy audits that will be conducted

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.06	0.06	2,537	2,686
Winter kW Reduction	0.06	0.06	2,537	2,648
Annual kWh Reduction	196	210	8,382,996	8,804,661

Utility Cost per Installation:	$94
Total Program Cost of the Utility ($000):	$4,001
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00525

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Improvement
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	69,135	14,530	21%	17,459	17,459	25%	2,929
2006	1,406,712	139,471	24,475	18%	20,273	37,732	27%	13,257
2007	1,431,102	211,026	34,746	16%				
2008	1,455,971	283,824	45,669	16%				
2009	1,481,124	357,880	59,985	17%				
2010	1,505,866	433,174	69,279	16%				
2011	1,529,665	509,657	83,203	16%				
2012	1,552,660	587,290	97,127	17%				
2013	1,575,153	666,048	110,531	17%				
2014	1,597,449	745,920	123,935	17%				

1. *Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.*
2. *Total number of Eligible Customers is based on an estimate of the cumulative number of central heat pumps and air conditioners that are replaced each year.*
3. *Annual number of Measure Participants is the projected number of cumulative measure installations from all measures promoted through this program. Because customers can install multiple measures, the actual number of participants will be less.*

4,918	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
156932	Total WKW Reduction	
B(npv)= 443.46	Equation Per Ruling	
47.67	Normalized for actual year	

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.47	0.50	9,563	10,124
Winter kW Reduction	0.83	0.87	16,870	17,609
Annual kWh Reduction	607	638	12,312,940	12,932,281

Utility Cost per Installation:	$201
Total Program Cost of the Utility ($000):	$4,070
Net Benefits of Measures Installed During Reporting Period ($000):	$47.67

Demand Side Management Annual Report

PEF-DSM-00526

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	27,654	11,718	42%	24,681	24,681	89%	12,963
2006	1,406,712	55,788	22,927	41%	23,317	47,998	86%	25,071
2007	1,431,102	84,410	34,286	41%				
2008	1,455,971	113,530	44,796	39%				
2009	1,481,124	143,152	55,311	39%				
2010	1,505,866	173,270	65,832	38%				
2011	1,529,665	203,863	76,358	37%				
2012	1,552,660	234,916	86,891	37%				
2013	1,575,153	266,419	97,430	37%				
2014	1,597,449	298,368	107,972	36%				

	7,475	Rim Net Benefits ($000)	**From plan--won't change
	0.0816	Discount Rate	
	n/a	Total # of Participants	
	99094	Total WKW Reduction	
B(npv)=	674.03	Equation Per Ruling	
	127.71	Normalized for actual year	

1. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
2. Total number of eligible new homes constructed in PEF's territory.
3. Annual Number of Measure Participants is the projected number of cumulative measure applications from all measures promoted by this program. Because customer can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.28	0.30	6,517	6,900
Winter kW Reduction	0.81	0.84	18,776	19,598
Annual kWh Reduction	359	377	8,359,558	8,780,044

Utility Cost per Installation:	$59
Total Program Cost of the Utility ($000):	$1,384
Net Benefits of Measures Installed During Reporting Period ($000):	$127.71

Demand Side Management Annual Report

PEF-DSM-00527

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Low Income Weatherization Assistance
Program Start Date: May 2000 with modifications approved in 2005
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1500	416	28%	107	107	7%	-309
2006	1,406,712	3026	832	27%	407	514	17%	-318
2007	1,431,102	4579	1248	27%				
2008	1,455,971	6158	1664	27%				
2009	1,481,124	7765	2080	27%				
2010	1,505,866	9398	2496	27%				
2011	1,529,665	11058	2912	26%				
2012	1,552,660	12742	3328	26%				
2013	1,575,153	14451	3744	26%				
2014	1,597,449	16184	4160	26%				

	12	Rim Net Benefits ($000)
	0.0816	Discount Rate
n/a		Total # of Participants
	15479	Total WKW Reduction
B(npv)=	1.08	Equation Per Ruling
	0.010	Normalized for actual year

1. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
2. Total number of Eligible Customers that are weatherized by local weatherization assistance providers.
3. Annual Number of Measure Participants is the projected number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.14	0.14	55	58
Winter kW Reduction	0.35	0.36	142	148
Annual kWh Reduction	244	256	99,311	104,306

Utility Cost per Installation:	$292
Total Program Cost of the Utility ($000):	$119
Net Benefits of Measures Installed During Reporting Period ($000):	$0.01

Demand Side Management Annual Report

PEF-DSM-00528

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential Energy Management
Program Start Date: January 1981 with revision approved May 2000
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,030,016	5,000	0.49%	4,348	4,348	0%	-652
2006	1,406,712	1,065,266	9,500	0.89%	5,611	9,959	1%	459
2007	1,431,102	1,098,861	14,000	1.27%				
2008	1,455,971	1,131,190	18,300	1.62%				
2009	1,481,124	1,162,301	22,600	1.94%				
2010	1,505,866	1,191,704	26,900	2.26%				
2011	1,529,665	1,219,697	31,200	2.56%				
2012	1,552,660	1,246,468	35,500	2.85%				
2013	1,575,153	1,272,359	39,800	3.13%				
2014	1,597,449	1,297,713	44,800	3.45%				

** Annual Number of Program Participants represents annual new additions to the program.*
*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

10591	Rim Net Benefits ($000)
0.0816	Discount Rate
44800	Total # of Participants
2.14	Customer KW Reduction at the Meter
95872	Total WKW Reduction
B(npv)= 955.009	Equation Per Ruling
119.615	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator	
Summer kW Reduction	0.00	0.00	0.0	0.0	
Winter kW Reduction	2.14	2.23	12,008	12,534	10700
Annual kWh Reduction	0.00	0.00	0	0	107000

Utility Cost per Installation: *	$54
Total Program Cost of the Utility ($000):	$21,493
Net Benefits of Measures Installed During Reporting Period ($000):	$119.62

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utility program costs for 2005 include incentives paid in 2005 to eligible participants

Demand Side Management Annual Report

PEF-DSM-00529

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Business Energy Check
Program Start Date: January 1991
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1,500	150	2,054	2,054	1%	554
2006	188,338	169,504	3,000	300	2,424	4,478	3%	1,478
2007	191,917	172,725	4,500	450				
2008	195,622	176,060	6,000	600				
2009	199,361	179,425	7,500	750				
2010	203,048	182,743	9,000	900				
2011	206,613	185,952	10,500	1,050				
2012	210,080	189,072	12,000	1,200				
2013	213,480	192,132	13,500	1,350				
2,014	216,855	195,170	15,000	1,500				

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.14	0.15	338	357
Winter kW Reduction	0.14	0.15	338	354
Annual kWh Reduction	299	314	723,900	760,747

Utility Cost per Installation:	$402
Total Program Cost of the Utility ($000):	$974
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00530

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Better Business
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
	(Total number of customers is the forecast of commercial floorspace (in 000s of sq ft)							
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	489	0.30%	161	161	0.1%	-328
2006	188,338	169,504	987	0.60%	152	313	0.2%	-674
2007	191,917	172,725	1,467	0.90%				
2008	195,622	176,060	1,956	1.10%				
2009	199,361	179,425	2,445	1.40%				
2010	203,048	182,743	2,934	1.60%				
2011	206,613	185,952	3,423	1.90%				
2012	210,080	189,072	3,912	2.10%				
2013	213,480	192,132	4,401	2.30%				
2,014	216,855	195,170	4,890	2.50%				

	1,379	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	6,667.0	Total WKW Reduction
B(npv)=	124.35	Equation Per Ruling
	15.014	Normalized for actual year

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

2. This total is larger than the number of actual customers anticipated installing eligible measures and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	9.89	10.44	1,504	1,587
Winter kW Reduction	5.30	5.54	805	842
Annual kWh Reduction	17,305	18,186	2,630,394	2,764,281

Utility Cost per Installation:	$683
Total Program Cost of the Utility ($000):	$104
Net Benefits of Measures Installed During Reporting Period ($000):	$15.01

Demand Side Management Annual Report

PEF-DSM-00531

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: C/I New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
	Total number of customers is the forecast of commercial floorspace (in 000s of sq ft)							
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	3,365	189	0.60%	17	17	1%	-172
2006	188,338	6,944	368	0.50%	63	80	1%	-288
2007	191,917	10,649	547	0.50%				
2008	195,622	14,388	726	0.50%				
2009	199,361	18,075	905	0.50%				
2010	203,048	21,640	1,084	0.50%				
2011	206,613	25,107	1,263	0.50%				
2012	210,080	28,500	1,442	0.50%				
2013	213,480	31,882	1,621	0.50%				
2,014	216,855	35,182	1,800	0.50%				

	1185	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	5578	Total WKW Reduction
B(npv)=	106.85	Equation Per Ruling
	7.8541	Normalized for actual year

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

2. This total is larger than the number of actual customers anticipated installing eligible measures and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	27.33	28.84	1,722	1,817
Winter kW Reduction	6.51	6.81	410	429
Annual kWh Reduction	42,191	44,338	2,658,009	2,793,302

Utility Cost per Installation:	$5,463
Total Program Cost of the Utility ($000):	$344
Net Benefits of Measures Installed During Reporting Period ($000):	$7.85

Demand Side Management Annual Report

PEF-DSM-00532

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Innovation Incentive
Program Start Date: January 1991
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1	0%	0	0	0%	-1
2006	188,338	169,504	2	0%	0	0	0%	-2
2007	191,917	172,725	3	0%				
2008	195,622	176,060	4	0%				
2009	199,361	179,425	5	0%				
2010	203,048	182,743	6	0%				
2011	206,613	185,952	7	0%				
2012	210,080	189,072	8	0%				
2013	213,480	192,132	9	0%				
2,014	216,855	195,170	10	0%				

		Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	840	Total WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

1. *Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.*
2. *This total is larger than the number of actual customers anticipated installing eligible measures and earning an incentive since many customers install multiple measures at one account.*

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	---
Total Program Cost of the Utility ($000):	$0
Net Benefits of Measures Installed During Reporting Period ($000):	$0

Demand Side Management Annual Report

PEF-DSM-00533

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Commercial Energy Management
Program Start Date: April 1996 - (Closed to new participants effective May 2000)
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	0	0	0%	0	0	0%	0
2006	188,338	0	0	0%	0	0	0%	0
2007	191,917	0	0	0%				
2008	195,622	0	0	0%				
2009	199,361	0	0	0%				
2010	203,048	0	0	0%				
2011	206,613	0	0	0%				
2012	210,080	0	0	0%				
2013	213,480	0	0	0%				
2,014	216,855	0	0	0%				

	0	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
		Total Annual WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	$1,792
Total Program Cost of the Utility ($000): *	$613
Net Benefits of Measures Installed During Reporting Period ($000):	$0

* Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants

Demand Side Management Annual Report

PEF-DSM-00534

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Standby Generation
Program Start Date: April 1993
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	590	4	0.70%	5	5	1%	1
2006	188,338	599	8	1.30%	13	18	3%	10
2007	191,917	608	12	2.00%				
2008	195,622	618	16	2.60%				
2009	199,361	627	20	3.20%				
2010	203,048	636	24	3.80%				
2011	206,613	645	28	4.30%				
2012	210,080	654	32	4.90%				
2013	213,480	663	36	5.40%				
2,014	216,855	672	40	6.00%				

1200 Rim Net Benefits ($000)
0.0816 Discount Rate
n/a Total # of Participants
17760 Total Annual WKW Reduction

B(npv)= 108.21 Equation Per Ruling
26.107 Normalized for actual year

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
2. Total Number of Eligible Customers is based on the total number of customers having on-site generation.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	857	904	4285	4522
Winter kW Reduction	857	897	4285	4484
Annual kWh Reduction	---	---	21425	22516

Utility Cost per Installation: *	$9,218
Total Program Cost of the Utility ($000):	$756
Net Benefits of Measures Installed During Reporting Period ($000):	$26.11

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants

Demand Side Management Annual Report

PEF-DSM-00535

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Interruptible Service
Program Start Date: November 1992 - (Rate Schedule IS-1 is closed to new customers, and IS-2 became effective June 1996.)
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	0	0	4	4	0	4
2006	188,338	1,008	0	0	0	4	0	4
2007	191,917	1,033	1	0				
2008	195,622	1,059	1	0				
2009	199,361	1,086	1	0				
2010	203,048	1,113	1	0				
2011	206,613	1,141	2	0				
2012	210,080	1,169	2	0				
2013	213,480	1,198	2	0				
2,014	216,855	1,228	2	0				

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers
*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.0	0.0	0	0.0
Winter kW Reduction	0.0	0.0	0	0.0
Annual kWh Reduction	0.0	0.0	0	0

Utility Cost per Installation: * $120,899
Total Program Cost of the Utility ($000): $18,860
Net Benefits of Measures Installed During Reporting Period ($000): $0.000

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants

Demand Side Management Annual Report

PEF-DSM-00536

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Curtailable Service
Program Start Date: November 1992 - (Rate Schedule CS-1 is closed to new customers, and CS-2 became effective June 1996.)
Reporting Period: 2006

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	1	0	0	0	0	-1
2006	188,338	1,008	1	0	0	0	0	-1
2007	191,917	1,033	1	0				
2008	195,622	1,059	2	0				
2009	199,361	1,086	2	0				
2010	203,048	1,113	2	0				
2011	206,613	1,141	3	0				
2012	210,080	1,169	3	0				
2013	213,480	1,198	3	0				
2,014	216,855	1,228	4	0				

** Annual Number of Program Participants represents annual new additions to the program.*

1. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

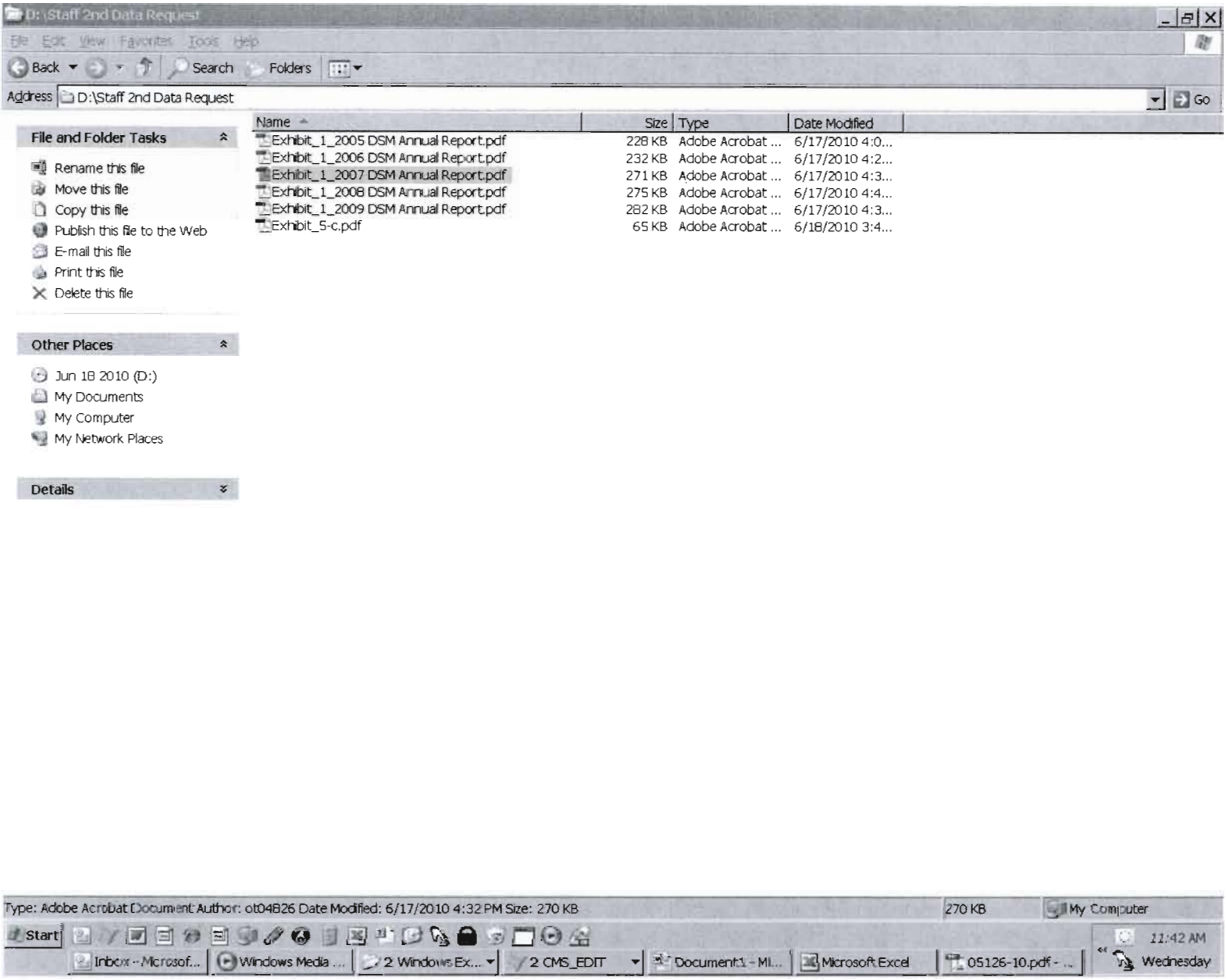
98	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
1000	Total Annual WKW Reduction	
B(npv)= 8.8368	Equation Per Ruling	
0	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: * $95,952
Total Program Cost of the Utility ($000): $768
Net Benefits of Measures Installed During Reporting Period ($000): $0

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for 2005 include incentives paid in 2005 to all eligible participants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PROGRESS ENERGY FLORIDA
2007
COMPARISON OF ACHIEVED KW & KWH REDUCTIONS

WITH PUBLIC SERVICE COMMISSION ESTABLISHED GOALS*

PEF-DSM-00537

RESIDENTIAL

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	48	43	12%	18	13	38%	29	21	38%
2006	99	75	32%	37	21	76%	58	35	66%
2007	153	108	42%	58	30	93%	85	50	70%
2008		142			38			65	
2009		175			47			80	
2010		210			55			95	
2011		248			65			112	
2012		287			74			128	
2013		324			83			144	
2014		366			92			161	

COMMERCIAL / INDUSTRIAL*

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	6	3	100%	8	4	100%	3	3	0%
2006	12	7	71%	16	7	129%	9	6	50%
2007	38	10	279%	44	11	304%	30	9	237%
2008		14			14			12	
2009		17			18			15	
2010		20			21			18	
2011		24			25			20	
2012		28			29			23	
2013		31			32			26	
2014		34			36			29	

Please note: C/I goals were based on measures that were cost-effective.

*Figures are rounded to the nearest whole number.

Demand Side Management Annual Report

PEF-DSM-00538

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Check
Program Start Date: January 1991
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,382,699	27,500	2%	38,389	38,389	3%	10,889
2006	1,406,712	1,406,712	54,500	4%	42,702	81,091	6%	26,591
2007	1,431,102	1,431,102	81,500	6%	41,663	122,754	9%	41,254
2008	1,455,971	1,455,971	108,000	7%				
2009	1,481,124	1,481,124	134,000	9%				
2010	1,505,866	1,505,866	154,000	10%				
2011	1,529,665	1,529,665	174,000	11%				
2012	1,552,660	1,552,660	194,500	13%				
2013	1,575,153	1,575,153	216,000	14%				
2014	1,597,449	1,597,449	238,000	15%				

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
f Annual Number of Program Participants is the projected number of cumulative energy audits that will be conducted

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.06	0.07	2,658	2,821
Winter kW Reduction	0.06	0.07	2,658	2,821
Annual kWh Reduction	211	224	8,780,385	9,320,379

Utility Cost per Installation:	$140
Total Program Cost of the Utility ($000):	$5,821
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00539

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Improvement
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	69,135	14,530	21%	17,459	17,459	25%	2,929
2006	1,406,712	139,471	24,475	18%	20,273	37,732	27%	13,257
2007	1,431,102	211,026	34,746	16%	21,183	58,915	28%	24,169
2008	1,455,971	283,824	45,669	16%				
2009	1,481,124	357,880	59,985	17%				
2010	1,505,866	433,174	69,279	16%				
2011	1,529,665	509,657	83,203	16%				
2012	1,552,660	587,290	97,127	17%				
2013	1,575,153	666,048	110,531	17%				
2014	1,597,449	745,920	123,935	17%				

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.

c Total number of Eligible Customers is based on an estimate of the cumulative number of central heat pumps and air conditioners that are replaced each year.

f Annual number of Measure Participants is the projected number of cumulative measure installations from all measures promoted through this program. Because customers can install multiple measures, the actual number of participants will be less.

78,251	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
163749	Total WKW Reduction	
B(npv)= 7056.03	Equation Per Ruling	
575.77	Normalized for actual year	

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.28	0.30	5,967	6,334
Winter kW Reduction	0.63	0.67	13,362	14,184
Annual kWh Reduction	370	393	7,834,680	8,316,513

Utility Cost per Installation:	$246
Total Program Cost of the Utility ($000):	$5,201
Net Benefits of Measures Installed During Reporting Period ($000):	$575.77

Demand Side Management Annual Report

PEF-DSM-00540

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	27,654	11,718	42%	24,681	24,681	89%	12,963
2006	1,406,712	55,788	22,927	41%	23,317	47,998	86%	25,071
2007	1,431,102	84,410	34,286	41%	18,084	66,082	78%	31,796
2008	1,455,971	113,530	44,796	39%				
2009	1,481,124	143,152	55,311	39%				
2010	1,505,866	173,270	65,832	38%				
2011	1,529,665	203,863	76,358	37%				
2012	1,552,660	234,916	86,891	37%				
2013	1,575,153	266,419	97,430	37%				
2014	1,597,449	298,368	107,972	36%				

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
c Total number of eligible new homes constructed in PEF's territory.
f Annual Number of Measure Participants is the projected number of cumulative measure applications from all measures promoted by this program. Because customer can install multiple measures, the actual number of participants will be less.

	78,835	Rim Net Benefits ($000)	**From plan--won't change
	0.0816	Discount Rate	
	n/a	Total # of Participants	
	123547	Total WKW Reduction	
B(npv)=	7108.69	Equation Per Ruling	
	828.11	Normalized for actual year	

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.22	0.23	3,946	4,189
Winter kW Reduction	0.80	0.84	14,392	15,278
Annual kWh Reduction	335	356	6,058,854	6,431,474

Utility Cost per Installation:	$92
Total Program Cost of the Utility ($000):	$1,673
Net Benefits of Measures Installed During Reporting Period ($000):	$828.11

Demand Side Management Annual Report

PEF-DSM-00541

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Low Income Weatherization Assistance
Program Start Date: May 2000 with modifications approved in 2005
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1500	416	28%	107	107	7%	-309
2006	1,406,712	3026	832	27%	407	514	17%	-318
2007	1,431,102	4579	1248	27%	507	1,021	22%	-227
2008	1,455,971	6158	1664	27%				
2009	1,481,124	7765	2080	27%				
2010	1,505,866	9398	2496	27%				
2011	1,529,665	11058	2912	26%				
2012	1,552,660	12742	3328	26%				
2013	1,575,153	14451	3744	26%				
2014	1,597,449	16184	4160	26%				

	12	Rim Net Benefits ($000)
	0.0816	Discount Rate
n/a		Total # of Participants
	2814	Total WKW Reduction
B(npv)=	1.08	Equation Per Ruling
	0.041	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
c Total number of Eligible Customers that are weatherized by local weatherization assistance providers.
f Annual Number of Measure Participants is the projected number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.12	0.13	61	65
Winter kW Reduction	0.21	0.22	106	113
Annual kWh Reduction	217	230	109,983	116,747

Utility Cost per Installation:	$332
Total Program Cost of the Utility ($000):	$168
Net Benefits of Measures Installed During Reporting Period ($000):	$0.04

Demand Side Management Annual Report

PEF-DSM-00542

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Neighborhood Energy Saver
Program Start Date: 2007
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2007	1,452,431	2000	1500	75%	1,651	1,651	83%	151
2008	1,481,473	4000	3000	75%				
2009	1,509,934	6000	4500	75%				
2010	1,538,271	8000	6000	75%				
2011	1,566,662	10000	7500	75%				
2012	1,595,236	12000	9000	75%				
2013	1,623,967	14000	10500	75%				
2014	1,652,629	16000	12000	75%				

3,160	Rim Net Benefits ($000)
0.0816	Discount Rate
n/a	Total # of Participants
7135	Total WKW Reduction
B(npv)= 284.94	Equation Per Ruling
38.901	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
c Total number of Eligible Customers that are weatherized by local weatherization assistance providers.
f Annual Number of Measure Participants is the projected number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.92	0.98	1,519	1,612
Winter kW Reduction	0.59	0.63	974	1,034
Annual kWh Reduction	2,596	2,756	4,285,996	4,549,585

Utility Cost per Installation:	$519
Total Program Cost of the Utility ($000):	$857
Net Benefits of Measures Installed During Reporting Period ($000):	$38.90

Demand Side Management Annual Report

PEF-DSM-00543

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Renewable Energy Program
Program Start Date: 2007
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2007	1,452,431	347,000	1,066	0.3%	415	415	0%	-651
2008	1,481,473	357,000	1,503	0.4%			0%	-1,503
2009	1,509,934	382,000	2,035	0.5%			0%	-2,035
2010	1,538,271	408,000	2,617	0.6%				
2011	1,566,662	427,000	3,214	0.8%				
2012	1,595,236	437,000	3,771	0.9%				
2013	1,623,967	447,000	4,348	1.0%				
2014	1,652,629	457,000	4,945	1.1%				

	379	Rim Net Benefits ($000)
	0.0816	Discount Rate
n/a		Total # of Participants
	15	Total WKW Reduction
B(npv)=	34.18	Equation Per Ruling
	0.000	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
c Total number of Eligible Customers that are weatherized by local weatherization assistance providers.
f Annual Number of Measure Participants is the projected number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.00	0.00		0 *
Winter kW Reduction	0.00	0.00		0
Annual kWh Reduction	0	0		0

Utility Cost per Installation:	$1,146
Total Program Cost of the Utility ($000):	$476
Net Benefits of Measures Installed During Reporting Period ($000):	$0.00

* NOTE: All kW reductions are recorded in the Residential Load Management program.

Demand Side Management Annual Report

PEF-DSM-00544

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential Energy Management
Program Start Date: January 1981 with revision approved May 2000
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,030,016	5,000	0.49%	4,348	4,348	0%	-652
2006	1,406,712	1,065,266	9,500	0.89%	5,611	9,959	1%	459
2007	1,431,102	1,098,861	14,000	1.27%	10,218	20,177	2%	6,177
2008	1,455,971	1,131,190	18,300	1.62%				
2009	1,481,124	1,162,301	22,600	1.94%				
2010	1,505,866	1,191,704	26,900	2.26%				
2011	1,529,665	1,219,697	31,200	2.56%				
2012	1,552,660	1,246,468	35,500	2.85%				
2013	1,575,153	1,272,359	39,800	3.13%				
2014	1,597,449	1,297,713	44,800	3.45%				

** Annual Number of Program Participants represents annual new additions to the program.*
*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

93086	Rim Net Benefits ($000)	
0.0816	Discount Rate	
44800	Total # of Participants	
2.14	Customer KW Reduction at the Meter	
95872	Total WKW Reduction	
B(npv)= 8393.73	Equation Per Ruling	
1914.44	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator	
Summer kW Reduction	0.71	0.76	7,273	7,721	
Winter kW Reduction	2.14	2.27	21,867	23,211	10700
Annual kWh Reduction	10.77	11.43	110,068	116,837	107000

Utility Cost per Installation: *	$53
Total Program Cost of the Utility ($000):	$20,839
Net Benefits of Measures Installed During Reporting Period ($000):	$1,914.44

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utility program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00545

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Business Energy Check
Program Start Date: January 1991
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1,500	150	2,054	2,054	1%	554
2006	188,338	169,504	3,000	300	2,424	4,478	3%	1,478
2007	191,917	172,725	4,500	450	2,048	6,526	4%	2,026
2008	195,622	176,060	6,000	600				
2009	199,361	179,425	7,500	750				
2010	203,048	182,743	9,000	900				
2011	206,613	185,952	10,500	1,050				
2012	210,080	189,072	12,000	1,200				
2013	213,480	192,132	13,500	1,350				
2,014	216,855	195,170	15,000	1,500				

b. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.14	0.15	285	303
Winter kW Reduction	0.14	0.15	285	303
Annual kWh Reduction	298	317	610,900	648,470

Utility Cost per Installation:	$737
Total Program Cost of the Utility ($000):	$1,510
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00546

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Better Business
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	489	0.30%	161	161	0.1%	-328
2006	188,338	169,504	987	0.60%	152	313	0.2%	-674
2007	191,917	172,725	1,467	0.90%	249	562	0.3%	-905
2008	195,622	176,060	1,956	1.10%				
2009	199,361	179,425	2,445	1.40%				
2010	203,048	182,743	2,934	1.60%				
2011	206,613	185,952	3,423	1.90%				
2012	210,080	189,072	3,912	2.10%				
2013	213,480	192,132	4,401	2.30%				
2,014	216,855	195,170	4,890	2.50%				

	1,379	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	6,667.0	Total WKW Reduction
B(npv)=	124.35	Equation Per Ruling
	87.041	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
This total is larger than the number of actual customers anticipated installing eligible measures (f) and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	25.17	26.72	6,267	6,653
Winter kW Reduction	18.74	19.89	4,667	4,954
Annual kWh Reduction	71,006	75,373	17,680,414	18,767,759

Utility Cost per Installation:	$3,761
Total Program Cost of the Utility ($000):	$936
Net Benefits of Measures Installed During Reporting Period ($000):	$87.04

Demand Side Management Annual Report

PEF-DSM-00547

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: C/I New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	3,365	189	0.60%	17	17	1%	-172
2006	188,338	6,944	368	0.50%	63	80	1%	-288
2007	191,917	10,649	547	0.50%	115	195	2%	-352
2008	195,622	14,388	726	0.50%				
2009	199,361	18,075	905	0.50%				
2010	203,048	21,640	1,084	0.50%				
2011	206,613	25,107	1,263	0.50%				
2012	210,080	28,500	1,442	0.50%				
2013	213,480	31,882	1,621	0.50%				
2,014	216,855	35,182	1,800	0.50%				

	1185	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	5578	Total WKW Reduction
B(npv)=	106.85	Equation Per Ruling
	21.746	Normalized for actual year

b. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers. This total is larger than the number of actual customers anticipated installing eligible measures (f) and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	17.52	18.60	2,015	2,139
Winter kW Reduction	9.87	10.48	1,135	1,205
Annual kWh Reduction	24,617	26,131	2,830,939	3,005,042

Utility Cost per Installation:	$4,147
Total Program Cost of the Utility ($000):	$477
Net Benefits of Measures Installed During Reporting Period ($000):	$21.75

Demand Side Management Annual Report

PEF-DSM-00548

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Innovation Incentive
Program Start Date: January 1991
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1	0%	0	0	0%	-1
2006	188,338	169,504	2	0%	0	0	0%	-2
2007	191,917	172,725	3	0%	2	1	0%	-2
2008	195,622	176,060	4	0%				
2009	199,361	179,425	5	0%				
2010	203,048	182,743	6	0%				
2011	206,613	185,952	7	0%				
2012	210,080	189,072	8	0%				
2013	213,480	192,132	9	0%				
2,014	216,855	195,170	10	0%				

		Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	840	Total WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
This total is larger than the number of actual customers anticipated installing eligible measures (f) and earning an incentive since many customers install multiple measures at one account.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	57.7	61.2
Winter kW Reduction	---	---	17.3	18.4
Annual kWh Reduction	---	---	86,550.0	91,872.8

Utility Cost per Installation:	$0
Total Program Cost of the Utility ($000):	$27
Net Benefits of Measures Installed During Reporting Period ($000):	$0

Demand Side Management Annual Report

PEF-DSM-00549

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Commercial Energy Management
Program Start Date: April 1996 - (Closed to new participants effective May 2000)
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	0	0	0%	0	0	0%	0
2006	188,338	0	0	0%	0	0	0%	0
2007	191,917	0	0	0%	0	0	0%	0
2008	195,622	0	0	0%				
2009	199,361	0	0	0%				
2010	203,048	0	0	0%				
2011	206,613	0	0	0%				
2012	210,080	0	0	0%				
2013	213,480	0	0	0%				
2,014	216,855	0	0	0%				

	0	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
		Total Annual WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	$1,747
Total Program Cost of the Utility ($000): *	$597
Net Benefits of Measures Installed During Reporting Period ($000):	$0

* Utiltiy program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00550

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Standby Generation
Program Start Date: April 1993
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	590	4	0.70%	5	5	1%	1
2006	188,338	599	8	1.30%	13	18	3%	10
2007	191,917	608	12	2.00%	27	45	7%	33
2008	195,622	618	16	2.60%				
2009	199,361	627	20	3.20%				
2010	203,048	636	24	3.80%				
2011	206,613	645	28	4.30%				
2012	210,080	654	32	4.90%				
2013	213,480	663	36	5.40%				
2,014	216,855	672	40	6.00%				

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
c Total Number of Eligible Customers is based on the total number of customers having on-site generation.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	2,947	3,128	14,734	15,640
Winter kW Reduction	2,947	3,128	14,734	15,640
Annual kWh Reduction	23,574	25,024	117,872	125,121

Utility Cost per Installation: *	$10,609
Total Program Cost of the Utility ($000):	$1,178
Net Benefits of Measures Installed During Reporting Period ($000):	$89.77

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for this program include incentives paid to eligible participants.

	1200	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	17760	Total Annual WKW Reduction
B(npv)=	108.21	Equation Per Ruling
	89.77	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Demand Side Management Annual Report

PEF-DSM-00551

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Interruptible Service
Program Start Date: November 1992 - (Rate Schedule IS-1 is closed to new customers, and IS-2 became effective June 1996.)
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	0	0	4	4	0	4
2006	188,338	1,008	0	0	0	4	0	4
2007	191,917	1,033	1	0	2	6	0	5
2008	195,622	1,059	1	0				
2009	199,361	1,086	1	0				
2010	203,048	1,113	1	0				
2011	206,613	1,141	2	0				
2012	210,080	1,169	2	0				
2013	213,480	1,198	2	0				
2014	216,855	1,228	2	0				

b. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers

*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

11	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
1000	Total Annual WKW Reduction	
B(npv)= 0.991889	Equation Per Ruling	
5.062604	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	1,276.0	1,354.5	5,104	5,417.9
Winter kW Reduction	1,276.0	1,354.5	5,104	5,417.9
Annual kWh Reduction	10,208.0	10,835.8	40,832	43,343

Utility Cost per Installation: *	$114,137
Total Program Cost of the Utility ($000):	$17,463
Net Benefits of Measures Installed During Reporting Period ($000):	$5.063

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00552

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Curtailable Service
Program Start Date: November 1992 - (Rate Schedule CS-1 is closed to new customers, and CS-2 became effective June 1996.)
Reporting Period: 2007

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants**	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	1	0	0	0	0	-1
2006	188,338	1,008	1	0	0	0	0	-1
2007	191,917	1,033	1	0	0	0	0	-1
2008	195,622	1,059	2	0				
2009	199,361	1,086	2	0				
2010	203,048	1,113	2	0				
2011	206,613	1,141	3	0				
2012	210,080	1,169	3	0				
2013	213,480	1,198	3	0				
2,014	216,855	1,228	4	0				

** Annual Number of Program Participants represents annual new additions to the program.*
b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

98	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
1000	Total Annual WKW Reduction	
B(npv)= 8.8368	Equation Per Ruling	
0	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: *	$97,910
Total Program Cost of the Utility ($000):	$783
Net Benefits of Measures Installed During Reporting Period ($000):	$0

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utiltiy program costs for this program include incentives paid to eligible participants.

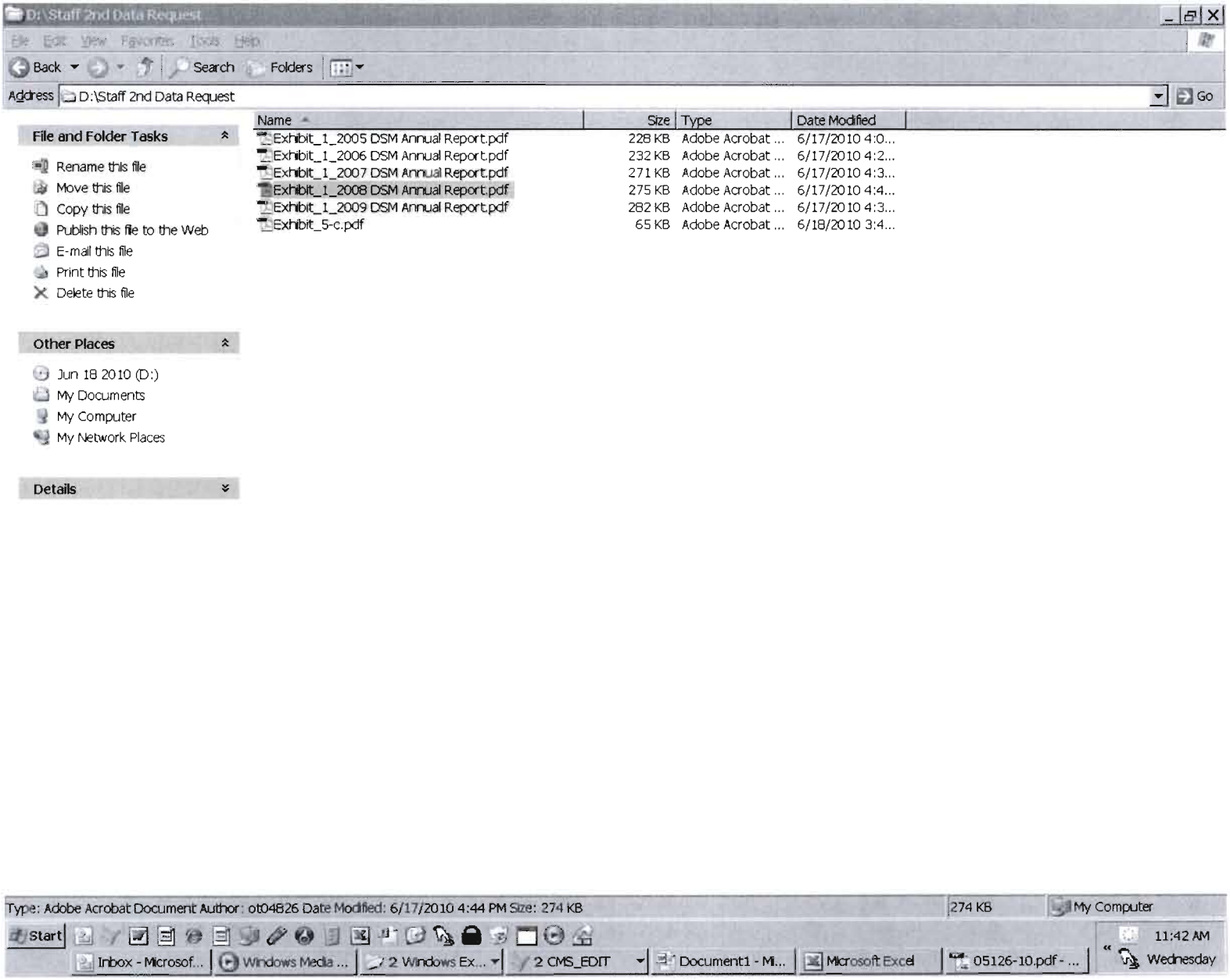
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Exhibit_1_2007 DSM Annual Report.pdf 271 KB Adobe Acrobat ... 6/17/2010 4:3...
Exhibit_1_2008 DSM Annual Report.pdf 275 KB Adobe Acrobat ... 6/17/2010 4:4...
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PROGRESS ENERGY FLORIDA
2008
COMPARISON OF ACHIEVED KW & KWH REDUCTIONS

WITH PUBLIC SERVICE COMMISSION ESTABLISHED GOALS*

PEF-DSM-00553

RESIDENTIAL

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	48	43	12%	18	13	38%	29	21	38%
2006	99	75	32%	37	21	76%	58	35	66%
2007	153	108	42%	58	30	93%	85	50	70%
2008	207	142	46%	87	38	128%	118	65	81%
2009		175			47			80	
2010		210			55			95	
2011		248			65			112	
2012		287			74			128	
2013		324			83			144	
2014		366			92			161	

COMMERCIAL / INDUSTRIAL*

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	6	3	100%	8	4	100%	3	3	0%
2006	12	7	71%	16	7	129%	9	6	50%
2007	38	10	279%	44	11	304%	30	9	237%
2008	86	14	514%	97	14	596%	78	12	550%
2009		17			18			15	
2010		20			21			18	
2011		24			25			20	
2012		28			29			23	
2013		31			32			26	
2014		34			36			29	

Please note: C/I goals were based on measures that were cost-effective.

*Figures are rounded to the nearest whole number.

Demand Side Management Annual Report

PEF-DSM-00554

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Check
Program Start Date: January 1991
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,382,699	27,500	2%	38,389	38,389	3%	10,889
2006	1,406,712	1,406,712	54,500	4%	42,702	81,091	6%	26,591
2007	1,431,102	1,431,102	81,500	6%	41,663	122,754	9%	41,254
2008	1,455,971	1,455,971	108,000	7%	46,067	168,821	12%	60,821
2009	1,481,124	1,481,124	134,000	9%				
2010	1,505,866	1,505,866	154,000	10%				
2011	1,529,665	1,529,665	174,000	11%				
2012	1,552,660	1,552,660	194,500	13%				
2013	1,575,153	1,575,153	216,000	14%				
2014	1,597,449	1,597,449	238,000	15%				

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
d Annual Number of Program Participants is the projected number of cumulative energy audits that will be conducted

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.066	0.070	3,031	3,217
Winter kW Reduction	0.066	0.070	3,031	3,217
Annual kWh Reduction	217	231	10,014,369	10,630,253

Utility Cost per Installation:	$119
Total Program Cost of the Utility ($000):	$5,480
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00555

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Home Energy Improvement
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	69,135	14,530	21%	17,459	17,459	25%	2,929
2006	1,406,712	139,471	24,475	18%	20,273	37,732	27%	13,257
2007	1,431,102	211,026	34,746	16%	21,183	58,915	28%	24,169
2008	1,455,971	283,824	45,669	16%	30,368	89,283	31%	43,614
2009	1,481,124	357,880	59,985	17%				
2010	1,505,866	433,174	69,279	16%				
2011	1,529,665	509,657	83,203	16%				
2012	1,552,660	587,290	97,127	17%				
2013	1,575,153	666,048	110,531	17%				
2014	1,597,449	745,920	123,935	17%				

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.

c Total number of Eligible Customers is based on an estimate of the cumulative number of central heat pumps and air conditioners that are replaced each year.

f Annual number of Measure Participants is the number of cumulative measure installations from all measures promoted through this program.
Because customers can install multiple measures, the actual number of participants will be less.

78,251	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
163749	Total WKW Reduction	
B(npv)= 7056.03	Equation Per Ruling	
790.03	Normalized for actual year	

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.27	0.29	8,278	8,787
Winter kW Reduction	0.60	0.64	18,334	19,462
Annual kWh Reduction	355	377	10,785,820	11,449,148

Utility Cost per Installation:	$202
Total Program Cost of the Utility ($000):	$6,140
Net Benefits of Measures Installed During Reporting Period ($000):	$790.03

Demand Side Management Annual Report

PEF-DSM-00556

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	27,654	11,718	42%	24,681	24,681	89%	12,963
2006	1,406,712	55,788	22,927	41%	23,317	47,998	86%	25,071
2007	1,431,102	84,410	34,286	41%	18,084	66,082	78%	31,796
2008	1,455,971	113,530	44,796	39%	12,149	78,231	69%	33,435
2009	1,481,124	143,152	55,311	39%				
2010	1,505,866	173,270	65,832	38%				
2011	1,529,665	203,863	76,358	37%				
2012	1,552,660	234,916	86,891	37%				
2013	1,575,153	266,419	97,430	37%				
2014	1,597,449	298,368	107,972	36%				

	78,835	Rim Net Benefits ($000)	**From plan--won't change
	0.0816	Discount Rate	
	n/a	Total # of Participants	
	123547	Total WKW Reduction	
B(npv)=	7108.69	Equation Per Ruling	
	557.00	Normalized for actual year	

b. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
c Total number of eligible new homes constructed in PEF's territory.
f Annual Number of Measure Participants is the number of cumulative measure applications from all measures promoted by this program. Because customer can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.23	0.25	2,835	3,009
Winter kW Reduction	0.80	0.85	9,680	10,276
Annual kWh Reduction	376	399	4,563,723	4,844,392

Utility Cost per Installation:	$149
Total Program Cost of the Utility ($000):	$1,813
Net Benefits of Measures Installed During Reporting Period ($000):	$557.00

Demand Side Management Annual Report

PEF-DSM-00557

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Low Income Weatherization Assistance
Program Start Date: May 2000 with modifications approved in 2005
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1500	416	28%	107	107	7%	-309
2006	1,406,712	3026	832	27%	407	514	17%	-318
2007	1,431,102	4579	1248	27%	507	1,021	22%	-227
2008	1,455,971	6158	1664	27%	509	1,530	25%	-134
2009	1,481,124	7765	2080	27%				
2010	1,505,866	9398	2496	27%				
2011	1,529,665	11058	2912	26%				
2012	1,552,660	12742	3328	26%				
2013	1,575,153	14451	3744	26%				
2014	1,597,449	16184	4160	26%				

	12	Rim Net Benefits ($000)
	0.0816	Discount Rate
n/a		Total # of Participants
	2814	Total WKW Reduction
B(npv)=	1.08	Equation Per Ruling
	0.032	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.

c Total number of Eligible Customers that are weatherized by local weatherization assistance providers.

f Annual Number of Measure Participants is the number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.11	0.12	58	62
Winter kW Reduction	0.16	0.17	83	88
Annual kWh Reduction	203	215	103,180	109,526

Utility Cost per Installation:	$345
Total Program Cost of the Utility ($000):	$175
Net Benefits of Measures Installed During Reporting Period ($000):	$0.03

Demand Side Management Annual Report

PEF-DSM-00558

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Neighborhood Energy Saver
Program Start Date: 2007
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2007	1,452,431	2,000	1,500	75%	1,651	1,651	83%	151
2008	1,481,473	4,000	3,000	75%	2,633	4,284	107%	1,284
2009	1,509,934	6,000	4,500	75%				
2010	1,538,271	8,000	6,000	75%				
2011	1,566,662	10,000	7,500	75%				
2012	1,595,236	12,000	9,000	75%				
2013	1,623,967	14,000	10,500	75%				
2014	1,652,629	16,000	12,000	75%				

3,160	Rim Net Benefits ($000)
0.0816	Discount Rate
n/a	Total # of Participants
7135	Total WKW Reduction
B(npv)= 284.94	Equation Per Ruling
62.157	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the August 2006 Forecast.

c Total number of Eligible Customers is based on 2000 expected participants per year and derived from an estimate of preliminary data from the 2000 U.S. Census.

f Annual Number of Measure Participants is the number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.92	0.98	2,427	2,576
Winter kW Reduction	0.59	0.63	1,556	1,652
Annual kWh Reduction	2,601	2,761	6,848,248	7,269,415

Utility Cost per Installation:	$301
Total Program Cost of the Utility ($000):	$793
Net Benefits of Measures Installed During Reporting Period ($000):	$62.16

Demand Side Management Annual Report

PEF-DSM-00559

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Renewable Energy Program
Program Start Date: 2007
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2007	1,452,431	347,000	1,066	0.3%	415	415	0%	-651
2008	1,481,473	357,000	1,503	0.4%	2,076	2,491	1%	988
2009	1,509,934	382,000	2,035	0.5%			0%	-2,035
2010	1,538,271	408,000	2,617	0.6%				
2011	1,566,662	427,000	3,214	0.8%				
2012	1,595,236	437,000	3,771	0.9%				
2013	1,623,967	447,000	4,348	1.0%				
2014	1,652,629	457,000	4,945	1.1%				

379 Rim Net Benefits ($000)
0.0816 Discount Rate
n/a Total # of Participants
15 Total WKW Reduction

B(npv)= 34.18 Equation Per Ruling
0.000 Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the August 2006 Forecast.
c Total number of Eligible Customers is based on current and projected residential energy management participation.
f Annual Number of Measure Participants is the number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.00	0.00		0 *
Winter kW Reduction	0.00	0.00		0
Annual kWh Reduction	0	0		0

Utility Cost per Installation:	$324
Total Program Cost of the Utility ($000):	$673
Net Benefits of Measures Installed During Reporting Period ($000):	$0.00

* NOTE: All kW reductions are recorded in the Residential Load Management program.

Demand Side Management Annual Report

PEF-DSM-00560

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Residential Energy Management
Program Start Date: January 1981, modification approved May 2000, 2nd modification approved 2006
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,030,016	5,000	0.49%	4,348	4,348	0%	-652
2006	1,406,712	1,065,266	9,500	0.89%	5,611	9,959	1%	459
2007	1,431,102	1,098,861	14,000	1.27%	10,218	20,177	2%	6,177
2008	1,455,971	1,131,190	18,300	1.62%	10,099	30,276	3%	11,976
2009	1,481,124	1,162,301	22,600	1.94%				
2010	1,505,866	1,191,704	26,900	2.26%				
2011	1,529,665	1,219,697	31,200	2.56%				
2012	1,552,660	1,246,468	35,500	2.85%				
2013	1,575,153	1,272,359	39,800	3.13%				
2014	1,597,449	1,297,713	44,800	3.45%				

** Annual Number of Program Participants represents annual new additions to the program.*
*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

93086	Rim Net Benefits ($000)	
0.0816	Discount Rate	
44800	Total # of Participants	
2.14	Customer KW Reduction at the Meter	
95872	Total WKW Reduction	
B(npv)= 8393.73	Equation Per Ruling	
1892.15	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator	
Summer kW Reduction	1.20	1.27	12,105	12,850	
Winter kW Reduction	2.14	2.27	21,612	22,941	10700
Annual kWh Reduction	18	19	183,398	194,677	107000

Utility Cost per Installation: *	$62
Total Program Cost of the Utility ($000):**	$24,342
Net Benefits of Measures Installed During Reporting Period ($000):	$1,892.15

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
**Utility program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00561

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Business Energy Check
Program Start Date: January 1991
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1,500	150	2,054	2,054	1%	554
2006	188,338	169,504	3,000	300	2,424	4,478	3%	1,478
2007	191,917	172,725	4,500	450	2,048	6,526	4%	2,026
2008	195,622	176,060	6,000	600	2,567	9,093	5%	3,093
2009	199,361	179,425	7,500	750				
2010	203,048	182,743	9,000	900				
2011	206,613	185,952	10,500	1,050				
2012	210,080	189,072	12,000	1,200				
2013	213,480	192,132	13,500	1,350				
2,014	216,855	195,170	15,000	1,500				

b. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.14	0.15	358	380
Winter kW Reduction	0.14	0.15	358	380
Annual kWh Reduction	299	317	767,200	814,383

Utility Cost per Installation:	$789
Total Program Cost of the Utility ($000):	$2,026
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00562

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Better Business
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	489	0.30%	161	161	0.1%	-328
2006	188,338	169,504	987	0.60%	152	313	0.2%	-674
2007	191,917	172,725	1,467	0.90%	249	562	0.3%	-905
2008	195,622	176,060	1,956	1.10%	1,083	1,645	0.9%	-311
2009	199,361	179,425	2,445	1.40%				
2010	203,048	182,743	2,934	1.60%				
2011	206,613	185,952	3,423	1.90%				
2012	210,080	189,072	3,912	2.10%				
2013	213,480	192,132	4,401	2.30%				
2,014	216,855	195,170	4,890	2.50%				

	1,379	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	6,667.0	Total WKW Reduction
B(npv)=	124.35	Equation Per Ruling
	236.1	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

f This total is larger than the number of actual customers installing eligible measures and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	14.90	15.82	16,138	17,131
Winter kW Reduction	11.69	12.41	12,659	13,437
Annual kWh Reduction	39,397	41,820	42,667,431	45,291,478

Utility Cost per Installation:	$1,482
Total Program Cost of the Utility ($000):	$1,605
Net Benefits of Measures Installed During Reporting Period ($000):	$236.10

Demand Side Management Annual Report

PEF-DSM-00563

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: C/I New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	3,365	189	0.60%	17	17	1%	-172
2006	188,338	6,944	368	0.50%	63	80	1%	-288
2007	191,917	10,649	547	0.50%	115	195	2%	-352
2008	195,622	14,388	726	0.50%	210	405	3%	-321
2009	199,361	18,075	905	0.50%				
2010	203,048	21,640	1,084	0.50%				
2011	206,613	25,107	1,263	0.50%				
2012	210,080	28,500	1,442	0.50%				
2013	213,480	31,882	1,621	0.50%				
2014	216,855	35,182	1,800	0.50%				

	1185	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	5578	Total WKW Reduction
B(npv)=	106.85	Equation Per Ruling
	20.035	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

f This total is larger than the number of actual customers installing eligible measures and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	11.93	12.67	2,506	2,660
Winter kW Reduction	4.98	5.29	1,046	1,110
Annual kWh Reduction	18,741	19,894	3,935,703	4,177,749

Utility Cost per Installation:	$2,830
Total Program Cost of the Utility ($000):	$594
Net Benefits of Measures Installed During Reporting Period ($000):	$20.03

Demand Side Management Annual Report

PEF-DSM-00564

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Innovation Incentive
Program Start Date: January 1991
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1	0%	0	0	0%	-1
2006	188,338	169,504	2	0%	0	0	0%	-2
2007	191,917	172,725	3	0%	2	2	0%	-1
2008	195,622	176,060	4	0%	0	2	0%	-2
2009	199,361	179,425	5	0%				
2010	203,048	182,743	6	0%				
2011	206,613	185,952	7	0%				
2012	210,080	189,072	8	0%				
2013	213,480	192,132	9	0%				
2,014	216,855	195,170	10	0%				

		Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	840	Total WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

f This total is larger than the number of actual customers installing eligible measures and earning an incentive since many customers install multiple measures at one account.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	----
Total Program Cost of the Utility ($000):	$15
Net Benefits of Measures Installed During Reporting Period ($000):	$0

Demand Side Management Annual Report

PEF-DSM-00565

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Commercial Energy Management
Program Start Date: April 1996 - (Closed to new participants effective May 2000)
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	0	0	0%	0	0	0%	0
2006	188,338	0	0	0%	0	0	0%	0
2007	191,917	0	0	0%	0	0	0%	0
2008	195,622	0	0	0%	0	0	0%	0
2009	199,361	0	0	0%				
2010	203,048	0	0	0%				
2011	206,613	0	0	0%				
2012	210,080	0	0	0%				
2013	213,480	0	0	0%				
2,014	216,855	0	0	0%				

	0	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
		Total Annual WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

b. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	$1,990
Total Program Cost of the Utility ($000): *	$627
Net Benefits of Measures Installed During Reporting Period ($000):	$0

* Total program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00566

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Standby Generation
Program Start Date: April 1993 with modifications approved 2006
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	590	4	0.70%	5	5	1%	1
2006	188,338	599	8	1.30%	13	18	3%	10
2007	191,917	608	12	2.00%	27	45	7%	33
2008	195,622	618	16	2.60%	88	133	22%	117
2009	199,361	627	20	3.20%				
2010	203,048	636	24	3.80%				
2011	206,613	645	28	4.30%				
2012	210,080	654	32	4.90%				
2013	213,480	663	36	5.40%				
2,014	216,855	672	40	6.00%				

	1200	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	17760	Total Annual WKW Reduction
B(npv)=	108.21	Equation Per Ruling
	206.69	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
c Total Number of Eligible Customers is based on the total number of customers having on-site generation.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	386	409	33,924	36,010
Winter kW Reduction	386	409	33,924	36,010
Annual kWh Reduction	3,084	3,274	271,392	288,083

Utility Cost per Installation: *	$9,780
Total Program Cost of the Utility ($000):**	$1,897
Net Benefits of Measures Installed During Reporting Period ($000):	$206.69

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
** Total program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00567

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Interruptible Service
Program Start Date: November 1992 - (Rate Schedule IS-1 is closed to new customers, and IS-2 became effective June 1996.)
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	0	0	4	4	0	4
2006	188,338	1,008	0	0	0	4	0	4
2007	191,917	1,033	1	0	2	6	0	5
2008	195,622	1,059	1	0	0	6	0	5
2009	199,361	1,086	1	0				
2010	203,048	1,113	1	0				
2011	206,613	1,141	2	0				
2012	210,080	1,169	2	0				
2013	213,480	1,198	2	0				
2014	216,855	1,228	2	0				

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers

*** Cumulative Number of Program Participants represents cumulative new additions to the program.*

11	Rim Net Benefits ($000)
0.0816	Discount Rate
n/a	Total # of Participants
1000	Total Annual WKW Reduction
B(npv)= 0.991889	Equation Per Ruling
0	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0	0.0
Winter kW Reduction	---	---	0	0.0
Annual kWh Reduction	---	---	0	0

Utility Cost per Installation: *	$126,860
Total Program Cost of the Utility ($000):	$19,663
Net Benefits of Measures Installed During Reporting Period ($000):	$0.000

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utility program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00568

Utility: PROGRESS ENERGY, FLORIDA, INC.
Program Name: Curtailable Service
Program Start Date: November 1992 - (Rate Schedule CS-1 is closed to new customers, and CS-2 became effective June 1996.)
Reporting Period: 2008

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	1	0	0	0	0	-1
2006	188,338	1,008	1	0	0	0	0	-1
2007	191,917	1,033	1	0	0	0	0	-1
2008	195,622	1,059	2	0	0	0	0	-2
2009	199,361	1,086	2	0				
2010	203,048	1,113	2	0				
2011	206,613	1,141	3	0				
2012	210,080	1,169	3	0				
2013	213,480	1,198	3	0				
2,014	216,855	1,228	4	0				

** Annual Number of Program Participants represents annual new additions to the program.*
b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
*** Cumulative Number of Program Participants represents cumulative new additions to the program.*

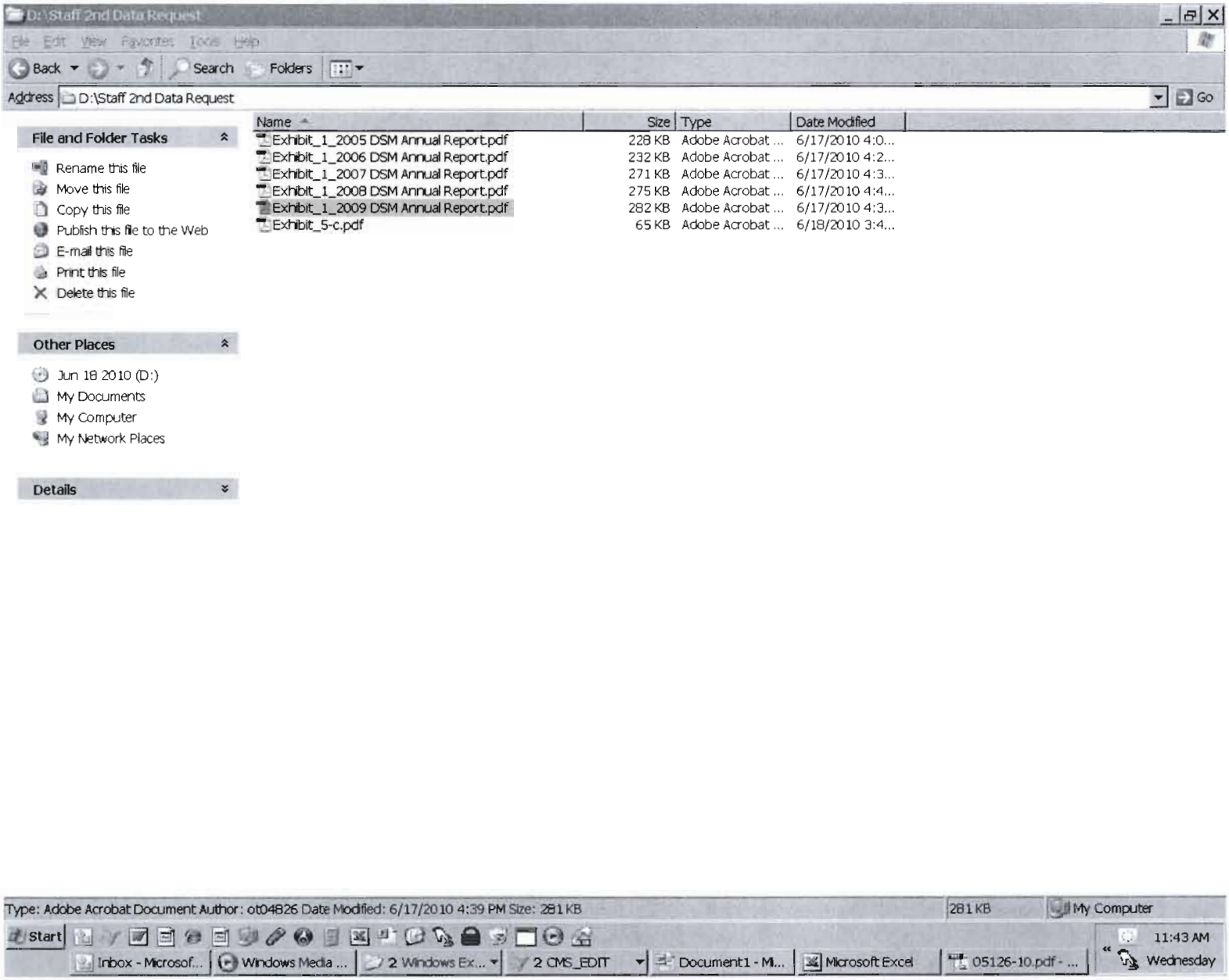
	98	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	1000	Total Annual WKW Reduction
B(npv)=	8.8368	Equation Per Ruling
	0	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: *	$122,978
Total Program Cost of the Utility ($000):	$861
Net Benefits of Measures Installed During Reporting Period ($000):	$0

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utility program costs for this program include incentives paid to eligible participants.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PROGRESS ENERGY FLORIDA
2009
COMPARISON OF ACHIEVED KW & KWH REDUCTIONS

WITH PUBLIC SERVICE COMMISSION ESTABLISHED GOALS*

PEF-DSM-00569

RESIDENTIAL

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	48	43	12%	18	13	42%	29	21	39%
2006	99	75	32%	37	21	76%	58	35	66%
2007	153	108	42%	58	30	93%	85	50	70%
2008	207	142	46%	87	38	129%	117	65	80%
2009	266	175	52%	118	47	151%	157	80	96%
2010		210			55			95	
2011		248			65			112	
2012		287			74			128	
2013		324			83			144	
2014		366			92			161	

COMMERCIAL / INDUSTRIAL*

	WINTER PEAK MW REDUCTION			SUMMER PEAK MW REDUCTION			GWH ENERGY REDUCTION		
YEAR	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE	TOTAL ACHIEVED	COMMISSION APPROVED GOAL	% VARIANCE
2005	6	3	100%	8	4	100%	3	3	0%
2006	12	7	71%	16	7	129%	9	6	50%
2007	38	10	279%	44	11	304%	30	9	237%
2008	87	14	521%	97	14	593%	77	12	542%
2009	126	17	641%	140	18	680%	125	15	730%
2010		20			21			18	
2011		24			25			20	
2012		28			29			23	
2013		31			32			26	
2014		34			36			29	

Please note: C/I goals were based on measures that were cost-effective.

*Figures are rounded to the nearest whole number.

Demand Side Management Annual Report

PEF-DSM-00570

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Home Energy Check
Program Start Date: January 1991
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,382,699	27,500	2%	38,389	38,389	3%	10,889
2006	1,406,712	1,406,712	54,500	4%	42,702	81,091	6%	26,591
2007	1,431,102	1,431,102	81,500	6%	41,663	122,754	9%	41,254
2008	1,455,971	1,455,971	108,000	7%	46,067	168,821	12%	60,821
2009	1,481,124	1,481,124	134,000	9%	56,987	225,808	15%	91,808
2010	1,505,866	1,505,866	154,000	10%				
2011	1,529,665	1,529,665	174,000	11%				
2012	1,552,660	1,552,660	194,500	13%				
2013	1,575,153	1,575,153	216,000	14%				
2014	1,597,449	1,597,449	238,000	15%				

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
d Annual Number of Program Participants is the projected number of cumulative energy audits that will be conducted

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.063	0.067	3,594	3,815
Winter kW Reduction	0.063	0.067	3,594	3,815
Annual kWh Reduction	208	221	11,874,890	12,605,196

Utility Cost per Installation:	$116
Total Program Cost of the Utility ($000):	$6,611
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00571

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Home Energy Improvement
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	69,135	14,530	21%	17,459	17,459	25%	2,929
2006	1,406,712	139,471	24,475	18%	20,273	37,732	27%	13,257
2007	1,431,102	211,026	34,746	16%	21,183	58,915	28%	24,169
2008	1,455,971	283,824	45,669	16%	30,368	89,283	31%	43,614
2009	1,481,124	357,880	59,985	17%	44,491	133,774	37%	73,789
2010	1,505,866	433,174	69,279	16%				
2011	1,529,665	509,657	83,203	16%				
2012	1,552,660	587,290	97,127	17%				
2013	1,575,153	666,048	110,531	17%				
2014	1,597,449	745,920	123,935	17%				

78,251	Rim Net Benefits ($000)
0.0816	Discount Rate
n/a	Total # of Participants
163749	Total WKW Reduction
B(npv)= 7056.03	Equation Per Ruling
1284.27	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.

c Total number of Eligible Customers is based on an estimate of the cumulative number of central heat pumps and air conditioners that are replaced each year.

f Annual number of Measure Participants is the number of cumulative measure installations from all measures promoted through this program.
Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.30	0.31	13,159	13,968
Winter kW Reduction	0.67	0.71	29,804	31,637
Annual kWh Reduction	401	426	17,851,826	18,949,713

Utility Cost per Installation:	$166
Total Program Cost of the Utility ($000):	$7,366
Net Benefits of Measures Installed During Reporting Period ($000):	$1,284.27

Demand Side Management Annual Report

PEF-DSM-00572

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Residential New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	27,654	11,718	42%	24,681	24,681	89%	12,963
2006	1,406,712	55,788	22,927	41%	23,317	47,998	86%	25,071
2007	1,431,102	84,410	34,286	41%	18,084	66,082	78%	31,796
2008	1,455,971	113,530	44,796	39%	12,149	78,231	69%	33,435
2009	1,481,124	143,152	55,311	39%	9,502	87,733	61%	32,422
2010	1,505,866	173,270	65,832	38%				
2011	1,529,665	203,863	76,358	37%				
2012	1,552,660	234,916	86,891	37%				
2013	1,575,153	266,419	97,430	37%				
2014	1,597,449	298,368	107,972	36%				

b. Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.
c Total number of eligible new homes constructed in PEF's territory.
f Annual Number of Measure Participants is the number of cumulative measure applications from all measures promoted by this program. Because customer can install multiple measures, the actual number of participants will be less.

	78,835	Rim Net Benefits ($000)	**From plan--won't change
	0.0816	Discount Rate	
	n/a	Total # of Participants	
	123547	Total WKW Reduction	
B(npv)=	7108.69	Equation Per Ruling	
	426.78	Normalized for actual year	

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.25	0.26	2,369	2,515
Winter kW Reduction	0.78	0.83	7,417	7,873
Annual kWh Reduction	415	441	3,945,135	4,187,761

Utility Cost per Installation:	$200
Total Program Cost of the Utility ($000):	$1,896
Net Benefits of Measures Installed During Reporting Period ($000):	$426.78

Demand Side Management Annual Report

PEF-DSM-00573

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Low Income Weatherization Assistance
Program Start Date: May 2000 with modifications approved in 2005
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,500	416	28%	107	107	7%	-309
2006	1,406,712	3,026	832	27%	407	514	17%	-318
2007	1,431,102	4,579	1,248	27%	507	1,021	22%	-227
2008	1,455,971	6,158	1,664	27%	509	1,530	25%	-134
2009	1,481,124	7,765	2,080	27%	983	2,513	32%	433
2010	1,505,866	9,398	2,496	27%				
2011	1,529,665	11,058	2,912	26%				
2012	1,552,660	12,742	3,328	26%				
2013	1,575,153	14,451	3,744	26%				
2014	1,597,449	16,184	4,160	26%				

	12	Rim Net Benefits ($000)
	0.0816	Discount Rate
n/a		Total # of Participants
	2814	Total WKW Reduction
B(npv)=	1.08	Equation Per Ruling
	0.081	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the November 2003 Forecast.

c Total number of Eligible Customers that are weatherized by local weatherization assistance providers.

f Annual Number of Measure Participants is the number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.14	0.14	134	142
Winter kW Reduction	0.21	0.23	210	223
Annual kWh Reduction	231	246	227,450	241,438

Utility Cost per Installation:	$104
Total Program Cost of the Utility ($000):	$103
Net Benefits of Measures Installed During Reporting Period ($000):	$0.08

Demand Side Management Annual Report

PEF-DSM-00574

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Neighborhood Energy Saver
Program Start Date: 2007
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2007	1,452,431	2,000	1,500	75%	1,651	1,651	83%	151
2008	1,481,473	4,000	3,000	75%	2,633	4,284	107%	1,284
2009	1,509,934	6,000	4,500	75%	2,236	6,520	109%	2,020
2010	1,538,271	8,000	6,000	75%				
2011	1,566,662	10,000	7,500	75%				
2012	1,595,236	12,000	9,000	75%				
2013	1,623,967	14,000	10,500	75%				
2014	1,652,629	16,000	12,000	75%				

3,160	Rim Net Benefits ($000)
0.0816	Discount Rate
n/a	Total # of Participants
7135	Total WKW Reduction
B(npv)= 284.94	Equation Per Ruling
52.685	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the August 2006 Forecast.

c Total number of Eligible Customers is based on 2000 expected participants per year and derived from an estimate of preliminary data from the 2000 U.S. Census.

f Annual Number of Measure Participants is the number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.92	0.98	2,057	2,184
Winter kW Reduction	0.59	0.63	1,319	1,400
Annual kWh Reduction	2,596	2,756	5,804,656	6,161,642

Utility Cost per Installation:	$443
Total Program Cost of the Utility ($000):	$990
Net Benefits of Measures Installed During Reporting Period ($000):	$52.69

Demand Side Management Annual Report

PEF-DSM-00575

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Renewable Energy Program
Program Start Date: 2007
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2007	1,452,431	347,000	1,066	0.3%	415	415	0%	-651
2008	1,481,473	357,000	1,503	0.4%	2,076	2,491	1%	988
2009	1,509,934	382,000	2,035	0.5%	1,821	4,312	1%	2,277
2010	1,538,271	408,000	2,617	0.6%				
2011	1,566,662	427,000	3,214	0.8%				
2012	1,595,236	437,000	3,771	0.9%				
2013	1,623,967	447,000	4,348	1.0%				
2014	1,652,629	457,000	4,945	1.1%				

	379	Rim Net Benefits ($000)
	0.0816	Discount Rate
n/a		Total # of Participants
	15	Total WKW Reduction
B(npv)=	34.18	Equation Per Ruling
	0.000	Normalized for actual year

b Total Number of Customers is the forecast of all residential customers, from the August 2006 Forecast.

c Total number of Eligible Customers is based on current and projected residential energy management participation.

f Annual Number of Measure Participants is the number of cumulative measure installations from all measures promoted by this program. Because customers can install multiple measures, the actual number of participants will be less.

RIM Net Benefit values came from DSM Plan

Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator	
Summer kW Reduction	0.00	0.00		0	*
Winter kW Reduction	0.00	0.00		0	
Annual kWh Reduction	0	0		0	

Utility Cost per Installation:	$444
Total Program Cost of the Utility ($000):	$808
Net Benefits of Measures Installed During Reporting Period ($000):	$0.00

* NOTE: All kW reductions are recorded in the Residential Load Management program.

Demand Side Management Annual Report

PEF-DSM-00576

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Residential Energy Management
Program Start Date: January 1981 , with revision approved May 2000 and 2nd revision approved 2006
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	1,382,699	1,030,016	5,000	0.49%	4,348	4,348	0%	-652
2006	1,406,712	1,065,266	9,500	0.89%	5,611	9,959	1%	459
2007	1,431,102	1,098,861	14,000	1.27%	10,218	20,177	2%	6,177
2008	1,455,971	1,131,190	18,300	1.62%	10,099	30,276	3%	11,976
2009	1,481,124	1,162,301	22,600	1.94%	8,009	38,285	3%	15,685
2010	1,505,866	1,191,704	26,900	2.26%				
2011	1,529,665	1,219,697	31,200	2.56%				
2012	1,552,660	1,246,468	35,500	2.85%				
2013	1,575,153	1,272,359	39,800	3.13%				
2014	1,597,449	1,297,713	44,800	3.45%				

** Annual Number of Program Participants represents annual new additions to the program.*
*** Cumulative Number of Program Participants represents cumulative new additions to the program beginning in 2000.*

93086	Rim Net Benefits ($000)	
0.0816	Discount Rate	
44800	Total # of Participants	
2.14	Customer KW Reduction at the Meter	
95872	Total WKW Reduction	
B(npv)= 8393.73	Equation Per Ruling	
1500.57	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator	
Summer kW Reduction	1.20	1.27	9,611	10,202	
Winter kW Reduction	2.14	2.27	17,139	18,193	10700
Annual kWh Reduction	18	19	145,443	154,388	107000

Utility Cost per Installation: *	$67
Total Program Cost of the Utility ($000):**	$26,162
Net Benefits of Measures Installed During Reporting Period ($000):	$1,500.57

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
**Utility program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00577

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Business Energy Check
Program Start Date: January 1991
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1,500	150	2,054	2,054	1%	554
2006	188,338	169,504	3,000	300	2,424	4,478	3%	1,478
2007	191,917	172,725	4,500	450	2,048	6,526	4%	2,026
2008	195,622	176,060	6,000	600	2,567	9,093	5%	3,093
2009	199,361	179,425	7,500	750	3,109	12,202	7%	4,702
2010	203,048	182,743	9,000	900				
2011	206,613	185,952	10,500	1,050				
2012	210,080	189,072	12,000	1,200				
2013	213,480	192,132	13,500	1,350				
2014	216,855	195,170	15,000	1,500				

b. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.14	0.15	431	458
Winter kW Reduction	0.14	0.15	431	458
Annual kWh Reduction	297	315	923,100	979,871

Utility Cost per Installation:	$797
Total Program Cost of the Utility ($000):	$2,477
Net Benefits of Measures Installed During Reporting Period ($000):	N/A

Demand Side Management Annual Report

PEF-DSM-00578

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Better Business
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	489	0.30%	161	161	0.1%	-328
2006	188,338	169,504	987	0.60%	152	313	0.2%	-674
2007	191,917	172,725	1,467	0.90%	249	562	0.3%	-905
2008	195,622	176,060	1,956	1.10%	1,083	1,645	0.9%	-311
2009	199,361	179,425	2,445	1.40%	1,800.00	3,445	1.9%	1,000
2010	203,048	182,743	2,934	1.60%				
2011	206,613	185,952	3,423	1.90%				
2012	210,080	189,072	3,912	2.10%				
2013	213,480	192,132	4,401	2.30%				
2014	216,855	195,170	4,890	2.50%				

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

f This total is larger than the number of actual customers installing eligible measures and earning an incentive since many customers install multiple measures at one account.

1,379	Rim Net Benefits ($000)	
0.0816	Discount Rate	
n/a	Total # of Participants	
6,667.0	Total WKW Reduction	
B(npv)= 124.35	Equation Per Ruling	
220.71	Normalized for actual year	

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	8.97	9.52	16,139	17,131
Winter kW Reduction	6.57	6.98	11,834	12,561
Annual kWh Reduction	23,198	24,625	41,756,747	44,324,787

Utility Cost per Installation:	$1,224
Total Program Cost of the Utility ($000):	$2,203
Net Benefits of Measures Installed During Reporting Period ($000):	$220.71

Demand Side Management Annual Report

PEF-DSM-00579

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: C/I New Construction
Program Start Date: April 1996 with modifications approved in 2006
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	3,365	189	0.60%	17	17	1%	-172
2006	188,338	6,944	368	0.50%	63	80	1%	-288
2007	191,917	10,649	547	0.50%	115	195	2%	-352
2008	195,622	14,388	726	0.50%	210	405	3%	-321
2009	199,361	18,075	905	0.50%	191	596	3%	-309
2010	203,048	21,640	1,084	0.50%				
2011	206,613	25,107	1,263	0.50%				
2012	210,080	28,500	1,442	0.50%				
2013	213,480	31,882	1,621	0.50%				
2014	216,855	35,182	1,800	0.50%				

	1185	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	5578	Total WKW Reduction
B(npv)=	106.85	Equation Per Ruling
	33.984	Normalized for actual year

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

f This total is larger than the number of actual customers installing eligible measures and earning an incentive since many customers install multiple measures at one account.

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	10.28	10.91	1,964	2,085
Winter kW Reduction	9.29	9.86	1,774	1,883
Annual kWh Reduction	24,430	25,933	4,666,154	4,953,122

Utility Cost per Installation:	$3,222
Total Program Cost of the Utility ($000):	$615
Net Benefits of Measures Installed During Reporting Period ($000):	$33.98

Demand Side Management Annual Report

PEF-DSM-00580

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Innovation Incentive
Program Start Date: January 1991
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	166,476	1	0%	0	0	0%	-1
2006	188,338	169,504	2	0%	0	0	0%	-2
2007	191,917	172,725	3	0%	2	2	0%	-1
2008	195,622	176,060	4	0%	0	2	0%	-2
2009	199,361	179,425	5	0%	0	2	0%	-3
2010	203,048	182,743	6	0%				
2011	206,613	185,952	7	0%				
2012	210,080	189,072	8	0%				
2013	213,480	192,132	9	0%				
2014	216,855	195,170	10	0%				

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

f This total is larger than the number of actual customers installing eligible measures and earning an incentive since many customers install multiple measures at one account.

		Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	840	Total WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	----
Total Program Cost of the Utility ($000):	$22
Net Benefits of Measures Installed During Reporting Period ($000):	$0

Demand Side Management Annual Report

PEF-DSM-00581

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Commercial Energy Management
Program Start Date: April 1996 - (Closed to new participants effective May 2000)
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	0	0	0%	0	0	0%	0
2006	188,338	0	0	0%	0	0	0%	0
2007	191,917	0	0	0%	0	0	0%	0
2008	195,622	0	0	0%	0	0	0%	0
2009	199,361	0	0	0%	0	0	0%	0
2010	203,048	0	0	0%				
2011	206,613	0	0	0%				
2012	210,080	0	0	0%				
2013	213,480	0	0	0%				
2014	216,855	0	0	0%				

	0	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
		Total Annual WKW Reduction
B(npv)=	0	Equation Per Ruling
	0	Normalized for actual year

b. Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation:	$1,983
Total Program Cost of the Utility ($000): *	$627
Net Benefits of Measures Installed During Reporting Period ($000):	$0

**** Total program costs for this program include incentives paid to eligible participants.***

Demand Side Management Annual Report

PEF-DSM-00582

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Standby Generation
Program Start Date: April 1993 with revision approved 2006
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	590	4	0.70%	5	5	1%	1
2006	188,338	599	8	1.30%	13	18	3%	10
2007	191,917	608	12	2.00%	27	45	7%	33
2008	195,622	618	16	2.60%	88	133	22%	117
2009	199,361	627	20	3.20%	32	165	26%	145
2010	203,048	636	24	3.80%				
2011	206,613	645	28	4.30%				
2012	210,080	654	32	4.90%				
2013	213,480	663	36	5.40%				
2014	216,855	672	40	6.00%				

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
c Total Number of Eligible Customers is based on the total number of customers having on-site generation.

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	263	279	8,412	8,929
Winter kW Reduction	263	279	8,412	8,929
Annual kWh Reduction	2,103	2,232	67,296	71,435

Utility Cost per Installation: *	$11,409
Total Program Cost of the Utility ($000):**	$2,453
Net Benefits of Measures Installed During Reporting Period ($000):	$51.25

*Utility cost per Installation is based on the total, cumulative number of year-end participants.
** Total program costs for this program include incentives paid to eligible participants.

	1200	Rim Net Benefits ($000)
	0.0816	Discount Rate
	n/a	Total # of Participants
	17760	Total Annual WKW Reduction
B(npv)=	108.21	Equation Per Ruling
	51.252	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Demand Side Management Annual Report

PEF-DSM-00583

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Interruptible Service
Program Start Date: November 1992 - (Rate Schedule IS-1 is closed to new customers, and IS-2 became effective June 1996.)
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	0	0	4	4	0	4
2006	188,338	1,008	0	0	0	4	0	4
2007	191,917	1,033	1	0	2	6	0	5
2008	195,622	1,059	1	0	0	6	0	5
2009	199,361	1,086	1	0	3	9	0	8
2010	203,048	1,113	1	0				
2011	206,613	1,141	2	0				
2012	210,080	1,169	2	0				
2013	213,480	1,198	2	0				
2014	216,855	1,228	2	0				

b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers

*** Cumulative Number of Program Participants represents cumulative new additions to the program.*

11	Rim Net Benefits ($000)
0.0816	Discount Rate
n/a	Total # of Participants
1000	Total Annual WKW Reduction
B(npv)= 0.991889	Equation Per Ruling
16.37609	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	5,503.3	5,841.8	16,510	17,525.4
Winter kW Reduction	5,503.3	5,841.8	16,510	17,525.4
Annual kWh Reduction	44,026.7	46,734.3	132,080	140,203

Utility Cost per Installation: *	$116,963
Total Program Cost of the Utility ($000):	$17,661
Net Benefits of Measures Installed During Reporting Period ($000):	$16.376

Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utility program costs for this program include incentives paid to eligible participants.

Demand Side Management Annual Report

PEF-DSM-00584

Utility: PROGRESS ENERGY FLORIDA, INC.
Program Name: Curtailable Service
Program Start Date: November 1992 - (Rate Schedule CS-1 is closed to new customers, and CS-2 became effective June 1996.)
Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	184,973	983	1	0	0	0	0	-1
2006	188,338	1,008	1	0	0	0	0	-1
2007	191,917	1,033	1	0	0	0	0	-1
2008	195,622	1,059	2	0	0	0	0	-2
2009	199,361	1,086	2	0	0	0	0	-2
2010	203,048	1,113	2	0				
2011	206,613	1,141	3	0				
2012	210,080	1,169	3	0				
2013	213,480	1,198	3	0				
2014	216,855	1,228	4	0				

** Annual Number of Program Participants represents annual new additions to the program.*
b Total Number of Customers is the April 2004 forecast of all commercial and industrial customers.
*** Cumulative Number of Program Participants represents cumulative new additions to the program.*

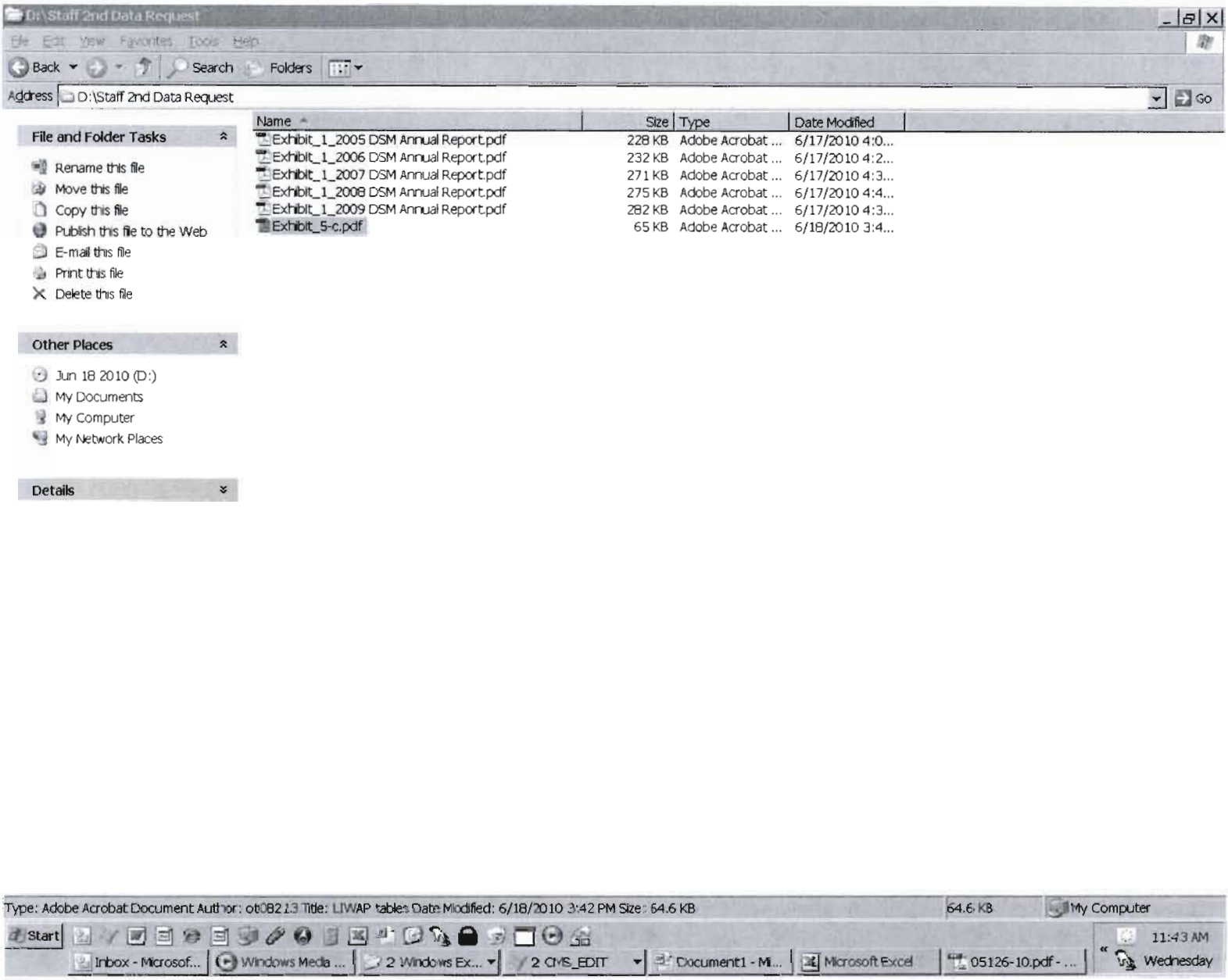
98	Rim Net Benefits ($000)
0.0816	Discount Rate
n/a	Total # of Participants
1000	Total Annual WKW Reduction
B(npv)= 8.8368	Equation Per Ruling
0	Normalized for actual year

RIM Net Benefit values came from DSM Plan
Total WKW values came from DSM Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: *	$124,459
Total Program Cost of the Utility ($000):	$747
Net Benefits of Measures Installed During Reporting Period ($000):	$0

Utility cost per Installation is based on the total, cumulative number of year-end participants.
Utility program costs for this program include incentives paid to eligible participants.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Participant Test

PROGRAM: **Low-Income Weatherization Assistance - Participant**

	BENEFITS				COSTS		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
YEAR	SAVINGS IN PARTICIPANT'S BILL $(000)	INCENTIVE PAYMENTS $(000)	OTHER PARTICIPANT'S BENEFITS $(000)	**TOTAL BENEFITS** $(000)	PARTICIPANT'S COST $(000)	**TOTAL COSTS** $(000)	**NET BENEFITS** $(000)
2008	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0
2010	83	330	0	413	330	330	83
2011	155	383	0	538	383	383	155
2012	246	530	0	776	530	530	246
2013	387	737	0	1,124	737	737	387
2014	552	858	0	1,411	858	858	552
2015	789	1,075	0	1,864	1,075	1,075	789
2016	989	1,227	0	2,216	1,227	1,227	989
2017	1,005	1,433	0	2,439	1,433	1,433	1,005
2018	1,147	1,659	0	2,806	1,659	1,659	1,147
2019	1,384	1,951	0	3,335	1,951	1,951	1,384
2020	1,326	0	0	1,326	0	0	1,326
2021	1,316	0	0	1,316	0	0	1,316
2022	1,216	0	0	1,216	0	0	1,216
2023	1,128	0	0	1,128	0	0	1,128
2024	1,026	0	0	1,026	0	0	1,026
2025	909	0	0	909	0	0	909
2026	779	0	0	779	0	0	779
2027	776	0	0	776	0	0	776
2028	744	0	0	744	0	0	744
2029	702	0	0	702	0	0	702
2030	647	0	0	647	0	0	647
2031	565	0	0	565	0	0	565
2032	467	0	0	467	0	0	467
2033	322	0	0	322	0	0	322
2034	143	0	0	143	0	0	143
2035	105	0	0	105	0	0	105
2036	64	0	0	64	0	0	64
2037	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0
NOMINAL	18,975	10,183	0	29,158	10,183	10,183	18,975
NPV	7,799	6,413	0	14,212	6,413	6,413	7,799

Utility Discount Rate = 8.48
Benefit Cost Ratio = 2.216

Utility Discount Rate 8.48

Cost-Effectiveness Test	NPV Benefits $(000)	NPV Costs $ (000)	NPV Net Benefits $(000)
Rate Impact Measure	$14,755	$20,326	-$5,571
Participant	$14,212	$6,413	$7,799
Total Resource Cost	$14,755	$12,527	$2,228

B/C Ratio
0.73
2.22
1.18

DSM Measure	Rate Impact Measure Test			Participant Test		
	NPV Total Benefits ($000)	NPV Total Costs ($000)	B/C Ratio	NPV Total Benefits ($000)	NPV Total Costs ($000)	B/C Ratio
Residential Conservation Programs						
Home Energy Check	N/A	N/A	N/A	N/A	N/A	N/A
Home Energy Improvement	$607,154	$817,766	0.74	$679,464	$373,711	1.82
Residential New Construction	$85,349	$114,615	0.74	$99,725	$53,153	1.88
Neighborhood Energy Saver	$80,274	$128,171	0.63	$103,826	$48,721	2.13
Low Income Weatherization	$14,755	$20,326	0.73	$14,212	$6,413	2.22
Residential Energy Management	$950,529	$810,825	1.17	$279,444	$0	N/A
Residential Education	$224,249	$332,094	0.68	$207,918	$15,249	13.64
Technical Potential	N/A	N/A	N/A	N/A	N/A	N/A
Commercial/Industrial Conservation Programs						
Business Energy Check	N/A	N/A	N/A	N/A	N/A	N/A
Better Business	$152,494	$221,863	0.69	$201,890	$123,570	1.63
Commercial/Industrial New	$48,870	$68,945	0.71	$59,073	$36,940	1.60
Business Energy Saver	$2,257	$3,174	0.71	$2,987	$1,640	1.82
Commercial Education	$11,198	$17,735	0.63	$10,584	$988	10.72
Commercial Green Building	$9,563	$19,078	0.50	$17,794	$7,916	2.25
Innovation Incentive	N/A	N/A	N/A	N/A	N/A	N/A
Standby Generation	$80,510	$11,584	6.95	$10,235	$0	N/A
Interruptible Service	$6,187	$1,315	4.71	$1,127	$0	N/A
Curtailable Service	$4,508	$720	6.26	$663	$0	N/A
Business Energy Response	$337,889	$316,024	1.07	$6,804	$0	N/A
Demand Side Renewable Portfolio						
Solar Water Heating for Low-income Residential Customers	$359	$906	0.40	$745	$392	1.90
Solar Water Heating with Energy management	$34,097	$28,707	1.19	$33,388	$28,811	1.16
Residential Solar Photovoltaic	$4,469	$8,761	0.51	$11,361	$13,958	0.81
Commercial Solar Photovoltaic	$5,119	$8,809	0.58	$10,904	$12,714	0.86
Photovoltaics for Schools	$1,681	$7,913	0.21	$4,550	$1,042	4.37
Research & Development	N/A	N/A	N/A	N/A	N/A	N/A
Technology Development	N/A	N/A	N/A	N/A	N/A	N/A
Qualifying Facilities	N/A	N/A	N/A	N/A	N/A	N/A

Total Resource Cost Test			Program Status
NPV Total Benefits ($000)	NPV Total Costs ($000)	B/C Ratio	
N/A	N/A	N/A	Modified
$607,154	$512,013	1.19	Modified
$85,349	$68,043	1.25	Modified
$80,274	$73,066	1.10	Modified
$14,755	$12,527	1.18	Modified
$950,529	$531,381	1.79	Existing
$224,249	$139,425	1.61	New
N/A	N/A	N/A	New
N/A	N/A	N/A	Modified
$152,494	$143,542	1.06	Modified
$48,870	$46,812	1.04	Modified
$2,257	$1,827	1.24	New
$11,198	$8,138	1.38	New
$9,563	$9,200	1.04	New
N/A	N/A	N/A	Modified
$80,510	$1,349	59.68	Modified
$6,187	$187	33.06	Modified
$4,508	$57	78.80	Modified
$337,889	$130,891	2.58	New
$359	$553	0.65	New
$41,138	$31,171	1.32	Modified
$7,511	$14,400	0.52	New
$7,713	$13,213	0.58	New
$5,100	$7,824	0.65	New
N/A	N/A	N/A	New
N/A	N/A	N/A	Modified
N/A	N/A	N/A	Existing