

Comprehensive Exhibit List for Entry into Hearing Record				
Hearing I.D. #	Witness	I.D. # As Filed	Exhibit Description	Entered
<i>Staff</i>				
1		Exhibit List	Comprehensive Exhibit List	
<i>Florida Public Utilities Company (Direct)</i>				
2	Marc L. Schneidermann (The prefiled exhibit of Marc L. Schneidermann will be adopted by Jason Van Hoffman.)	MLS-1	True-up variance analysis [Schedules CT1-CT6]	
3	Jason Van Hoffman (Adopts Schneidermann)	JVH-1	Projections: Estimated ECCR Charges by Rate Class [Schedules C-1 through C-5]	
<i>Gulf Power Company (Direct)</i>				
4	John N. Floyd	JNF-1	Schedules CT-1 through CT-6	
5	Jennifer L. Todd	JLT-1	Schedules C-1 through C-5	
<i>Progress Energy Florida, Inc. (Direct)</i>				
6	Gary R. Freeman	GRF-1T	ECCR Adjusted Net True-Up for January – December 2009, Schedules CT1 – CT5	
7	Gary R. Freeman	GRF-1PA-1	Estimated/Actual True-Up, January – December 2010 and ECCR Factors for Billings in January – December 2011, Schedules C1 – C5 (Scenario 1)	

DOCUMENT NUMBER-DATE

09194 NOV-5 0

FPSC-COMMISSION CLERK

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG

EXHIBIT 1

PARTY FL PUBLIC SERVICE COMMISSION STAFF

DESCRIPTION COMPREHENSIVE EXHIBIT LIST

DATE 11/01/10

Comprehensive Exhibit List for Entry into Hearing Record

[illegible]

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC
CONSERVATION ADJUSTMENT TRUE-UP
FOR MONTHS January-09 THROUGH December-09

SCHEDULE CT-1
PAGE 1 OF 1

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-09 THROUGH December-09		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>24,240</u>	
5.	INTEREST	<u>212</u>	<u>24,452</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-09 (DATE) HEARINGS		
8.	PRINCIPAL	<u>57,766</u>	
9.	INTEREST	<u>239</u>	<u>58,005</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u>(33,553)</u>

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 1 OF 21

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET No. 100002-EG EXHIBIT 2
PARTY FL PUBLIC UTILITIES COMPANY (DIRECT)
DESCRIPTION MARC L. SCHNEIDERMAN (MLS-1)
DATE 11/01/10

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-2

PAGE 1 OF 3

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS PROJECTED

		FOR MONTHS	January-09	THROUGH	December-09	
			<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL		249,197		262,822	(13,625)
2.	ADVERTISING		121,537		185,770	(64,233)
3.	LEGAL		19,677		8,775	10,902
4.	OUTSIDE SERVICES/CONTRACT		40,328		25,236	15,092
5.	VEHICLE COST		7,579		12,850	(5,271)
6.	MATERIAL & SUPPLIES		18,585		20,328	(1,743)
7.	TRAVEL		238		1,598	(1,360)
8.	GENERAL & ADMIN		28,613		20,205	8,408
9.	INCENTIVES		22,665		24,125	(1,460)
10.	OTHER		32,014		31,755	259
11.	SUB-TOTAL		540,433		593,464	(53,031)
12.	PROGRAM REVENUES					
13.	TOTAL PROGRAM COSTS		540,433		593,464	(53,031)
14.	LESS: PRIOR PERIOD TRUE-UP		26,890		26,890	0
15.	AMOUNTS INCLUDED IN RATE BASE					
16.	CONSERVATION ADJ REVENUE		(543,083)		(562,588)	19,505
17.	ROUNDING ADJUSTMENT					
18.	TRUE-UP BEFORE INTEREST		24,240		57,766	(33,526)
19.	ADD INTEREST PROVISION		212		239	(27)
20.	END OF PERIOD TRUE-UP		24,452		58,005	(33,553)

() REFLECTS OVERRECOVERY

* 7 MONTHS ACTUAL AND 5 MONTHS PROJECTED

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 2 OF 21

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-09 THROUGH December-09

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.													0
2.													0
3.													0
4.													0
5.													0
6.													0
7.													0
8.													0
9.													0
10. Common	155,389	66,258	19,677	21,404	7,579	14,730	238	28,703	0	31,614	345,592		345,592
11. Residential Geothermal Heat Pump	111	0	0	0	0	0	0	0	0	0	111		111
12. GoodCents Home/Energy Star Program	0	922	0	0	0	0	0	0	0	0	922		922
13. GoodCents Energy Survey Program	72,159	46,479	0	9,540	0	3,855	0	0	0	400	132,433		132,433
14. GoodCents Loan Program	0	0	0	0	0	0	0	(90)	0	0	(90)		(90)
15. GoodCents Commercial Building Program	1,325	632	0	0	0	0	0	0	0	0	1,957		1,957
16. GoodCents Commercial Tech. Assist. Program	334	7,246	0	9,384	0	0	0	0	0	0	16,964		16,964
17. Low Income	0	0	0	0	0	0	0	0	0	0	0		0
18. Affordable Housing Builders & Providers Program	0	0	0	0	0	0	0	0	0	0	0		0
19. Residential Heat and Cool Eff. Upgrade Program	6,638	0	0	0	0	0	0	0	20,825	0	27,463		27,463
20. Residential Ceiling Insulation Upgrade Program	3,543	0	0	0	0	0	0	0	1,200	0	4,743		4,743
21. Comm. Indoor Eff. Light. Rebate Program	1,955	0	0	0	0	0	0	0	640	0	2,595		2,595
22. Educ./Conserv. Demo. And Devel. Program	7,743	0	0	0	0	0	0	0	0	0	7,743		7,743
											0		0
TOTAL ALL PROGRAMS	249,197	121,537	19,677	40,328	7,579	18,585	238	28,613	22,665	32,014	540,433	0	540,433

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-2
PAGE 3 OF 3

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED
VARIANCE ACTUAL VS PROJECTED

FOR MONTHS January-09 THROUGH December-09

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.													
2.													
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10. Common	2,226	7,492	10,902	8,412	(4,801)	3,726	(80)	9,253	0	9,294	46,424	0	46,424
11. Residential Geothermal Heat Pump	11	0	0	0	0	(50)	0	0	0	0	(39)	0	(39)
12. GoodCents Home/Energy Star Program	(16,315)	(28,528)	0	(1,390)	(470)	(2,280)	(480)	(750)	0	(1,335)	(51,528)	0	(51,528)
13. GoodCents Energy Survey Program	11,370	(23,908)	0	4,890	0	(3,139)	(580)	(65)	0	(1,335)	(12,767)	0	(12,767)
14. GoodCents Loan Program	0	0	0	0	0	0	0	(30)	0	0	(30)	0	(30)
15. GoodCents Commercial Building Program	(6,570)	(7,795)	0	0	0	0	0	0	0	(1,335)	(15,700)	0	(15,700)
16. GoodCents Commercial Tech. Assist. Program	(7,325)	(3,679)	0	3,180	0	0	0	0	0	(1,335)	(9,159)	0	(9,159)
17. Low Income	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Affordable Housing Builders & Providers Program	0	0	0	0	0	0	0	0	0	0	0	0	0
19. Residential Heat and Cool Eff. Upgrade Program	1,746	(435)	0	0	0	0	(130)	0	(2,460)	(1,335)	(2,614)	0	(2,614)
20. Residential Ceiling Insulation Upgrade Program	1,165	(350)	0	0	0	0	(110)	0	1,000	(1,090)	615	0	615
21. Comm. Indoor Eff. Light. Rebate Program	30	(5,180)	0	0	0	0	0	0	0	(1,270)	(6,420)	0	(6,420)
22. Educ./Conserv. Demo. And Devel. Program	37	(1,850)	0	0	0	0	0	0	0	0	(1,813)	0	(1,813)
TOTAL ALL PROGRAMS	(13,625)	(64,233)	10,902	15,092	(5,271)	(1,743)	(1,360)	8,408	(1,460)	259	(53,031)	0	(53,031)

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 4 OF 21

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3
PAGE 1 OF 3

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION
SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS January-09 THROUGH December-09

A. CONSERVATION EXPENSE BY PROGRAM		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.														0
2.														0
3.														0
4.														0
5.														0
6.														0
7.														0
8.														0
9.														0
10.	Common	28,622	32,904	53,822	19,528	39,306	33,596	22,190	24,624	39,117	16,350	11,097	24,436	345,592
11.	Residential Geothermal Heat Pump	0	0	0	0	0	0	0	0	0	56	60	(5)	111
12.	GoodCents Home/Energy Star Program	0	0	0	0	0	0	0	0	0	947	(25)	0	922
13.	GoodCents Energy Survey Program	7,782	11,856	38,380	15,658	8,101	6,674	4,999	6,394	7,107	12,603	5,821	7,058	132,433
14.	GoodCents Loan Program	(10)	0	(10)	(10)	(10)	(10)	(10)	(10)	0	(10)	(10)	0	(90)
15.	GoodCents Commercial Building Program	331	755	(159)	0	648	0	382	0	0	0	0	0	1,957
16.	GoodCents Commercial Tech. Assist. Program	176	452	3,844	185	1,455	1,205	1,406	1,829	1,835	1,092	1,126	2,359	16,964
17.	Low Income	0	0	0	0	0	0	0	0	0	0	0	0	0
18.	Affordable Housing Builders & Providers Program	0	0	0	0	0	0	0	0	0	0	0	0	0
19.	Residential Heat and Cool Eff. Upgrade Program	790	1,929	1,376	3,298	4,138	1,805	2,491	5,242	2,232	726	1,855	1,581	27,463
20.	Residential Ceiling Insulation Upgrade Program	276	276	256	103	838	458	171	788	778	128	298	373	4,743
21.	Comm. Indoor Eff. Light. Rebate Program	227	222	299	281	1,351	133	52	0	0	0	176	(146)	2,595
22.	Educ./Conserv. Demo. And Devel. Program	170	1,263	108	1,198	1,500	517	2,950	37	0	0	0	0	7,743
														0
21.	TOTAL ALL PROGRAMS	38,364	49,657	97,916	40,241	57,327	44,378	34,631	38,904	51,069	31,892	20,398	35,656	540,433
22.	LESS AMOUNT INCLUDED IN RATE BASE													
23.	RECOVERABLE CONSERVATION EXPENSES	38,364	49,657	97,916	40,241	57,327	44,378	34,631	38,904	51,069	31,892	20,398	35,656	540,433

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 5 OF 21

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

PAGE 2 OF 3

FOR MONTHS January-09 THROUGH December-09

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION													0
2. CONSERVATION ADJ. REVENUES	(44,525)	(44,779)	(44,769)	(37,227)	(38,903)	(46,303)	(57,578)	(52,357)	(49,442)	(46,872)	(40,055)	(40,273)	(543,083)
3. TOTAL REVENUES	(44,525)	(44,779)	(44,769)	(37,227)	(38,903)	(46,303)	(57,578)	(52,357)	(49,442)	(46,872)	(40,055)	(40,273)	(543,083)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	2,241	2,241	2,241	2,241	2,241	2,241	2,241	2,241	2,241	2,241	2,241	2,239	26,890
5. CONSERVATION REVENUE APPLICABLE	(42,284)	(42,538)	(42,528)	(34,986)	(36,662)	(44,062)	(55,337)	(50,116)	(47,201)	(44,631)	(37,814)	(38,034)	(516,193)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	38,364	49,657	97,916	40,241	57,327	44,378	34,631	38,904	51,069	31,892	20,398	35,656	540,433
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(3,920)	7,119	55,388	5,255	20,665	316	(20,706)	(11,212)	3,868	(12,739)	(17,416)	(2,378)	24,240
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	13	15	28	32	26	27	22	15	13	10	7	4	212
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	26,890	20,742	25,635	78,810	81,856	100,306	98,408	75,483	62,045	63,685	48,715	29,065	26,890
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(2,241)	(2,241)	(2,241)	(2,241)	(2,241)	(2,241)	(2,241)	(2,241)	(2,241)	(2,241)	(2,241)	(2,239)	(26,890)
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	20,742	25,635	78,810	81,856	100,306	98,408	75,483	62,045	63,685	48,715	29,065	24,452	24,452

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 6 OF 21

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3
PAGE 3 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-09 THROUGH December-09

C. INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. BEGINNING TRUE-UP (LINE B-9)	26,890	20,742	25,635	78,810	81,856	100,306	98,408	75,483	62,045	63,685	48,715	29,065	26,890
2. ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	20,729	25,620	78,782	81,824	100,280	98,381	75,461	62,030	63,672	48,705	29,058	24,448	24,240
3. TOTAL BEG. AND ENDING TRUE-UP	47,619	46,362	104,417	160,634	182,136	198,687	173,869	137,513	125,717	112,390	77,773	53,513	51,130
4. AVERAGE TRUE-UP (LINE C-3 X 50%)	23,810	23,181	52,209	80,317	91,068	99,344	86,935	68,757	62,859	56,195	38,887	26,757	25,565
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.54%	0.79%	0.75%	0.55%	0.40%	0.30%	0.35%	0.30%	0.25%	0.25%	0.22%	0.20%	
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.79%	0.75%	0.55%	0.40%	0.30%	0.35%	0.30%	0.25%	0.25%	0.22%	0.20%	0.20%	
7. TOTAL (LINE C-5 + C-6)	1.33%	1.54%	1.30%	0.95%	0.70%	0.65%	0.65%	0.55%	0.50%	0.47%	0.42%	0.40%	
8. AVG. INTEREST RATE (C-7 X 50%)	0.67%	0.77%	0.65%	0.48%	0.35%	0.33%	0.33%	0.28%	0.25%	0.24%	0.21%	0.20%	
9. MONTHLY AVERAGE INTEREST RATE	0.055%	0.064%	0.054%	0.040%	0.029%	0.027%	0.027%	0.023%	0.021%	0.020%	0.018%	0.017%	
10. INTEREST PROVISION (LINE C-4 X C-9)	13	15	28	32	26	27	22	15	13	10	7	4	212

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 7 OF 21

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-4

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

PAGE 1 OF 1

FOR MONTHS January-09 THROUGH December-09

PROGRAM NAME:		BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	INVESTMENT														
2.	DEPRECIATION BASE														
3.	DEPRECIATION EXPENSE														
4.	CUMULATIVE INVESTMENT														
5.	LESS: ACCUMULATED DEPRECIATION														
6.	NET INVESTMENT														
7.	AVERAGE INVESTMENT														
8.	RETURN ON AVERAGE INVESTMENT														
9.	RETURN REQUIREMENTS														
10.	TOTAL DEPRECIATION AND RETURN														NONE

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 8 OF 21

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC
RECONCILIATION AND EXPLANATION OF
DIFFERENCES BETWEEN FILING AND PSC AUDIT
FOR MONTHS January-09 THROUGH December-09

SCHEDULE CT-5
PAGE 1 OF 1

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(MLS-1)
PAGE 9 OF 21

1. Residential Geothermal Heat Pump Program
2. Good Cents Home/EnergyStar Program
3. Good Cents Energy Survey Program
4. Good Cents Commercial Building Program
5. Good Cents Commercial Energy Survey & Technical Assistance Program
6. Educational/Low Income Program
7. Educational/ Affordable Housing Builders and Providers Program
8. Good Cents Heating & Cooling Upgrade
9. Good Cents Ceiling Insulation Upgrade
10. Good Cents Commercial Indoor Efficient Lighting Rebate
11. Conservation Demonstration and Development Program

PROGRAM TITLE: Residential Geothermal Heat Pump Program

PROGRAM DESCRIPTION: The objective of the Residential Geothermal Heat Pump Program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced and emerging geothermal systems. Geothermal heat pumps provide significant benefits to participating customers in the form of reduced operating costs and are superior to other available heating and cooling technologies with respect to source efficiency and environmental impacts. Florida Public Utilities Company's Geothermal Heat Pump Program is designed to overcome existing market barriers, specifically lack of consumer awareness, knowledge and acceptance of this technology.

Florida Public Utilities Company continued this program over a sustained period to educate consumers on geothermal technology and raise awareness about the availability, affordability, and improved customer satisfaction associated with these units. This commitment is necessary to foster a stable market for this promising technology. Not only will this increase customer and trade ally confidence, it will serve to encourage competition within this technology market and reduce the impact of the higher initial cost.

PROGRAM ACCOMPLISHMENTS: There was one participant during 2009. Even though there are no goals for this program we continue to promote this technology to our customers and HVAC partners.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$111

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

PROGRAM TITLE: "Good Cents" Home/Energy Star Program

PROGRAM DESCRIPTION: This type of program has long been the standard for energy efficient construction in Northwest Florida. For Florida Public Utilities Company and our customers, this program provides guidance concerning energy efficiency in new construction by promoting energy efficient home construction techniques, and by evaluating the energy efficient components of design and construction practices.

PROGRAM ACCOMPLISHMENTS: During 2009 no homes were certified through the under this program during this reporting period due to the home construction industry slowdown.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$922.

PROGRAM PROGRESS SUMMARY: We will continue to enhance our efforts in promoting contractor participation in this type of program and the benefits of owning energy efficient homes.

PROGRAM TITLE: "Good Cents" Energy Survey Program

PROGRAM DESCRIPTION: The objective of the this type of survey is to provide Florida Public Utilities Company's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower Florida Public Utilities Company's energy requirements and improve operating efficiencies. Florida Public Utilities Company views this program as a way of promoting the installation of cost-effective conservation measures. During the survey process, the customer is provided with specific whole-house recommendations. The survey process also checks for possible duct leakage.

PROGRAM ACCOMPLISHMENTS: This year a total of 326 energy surveys were performed.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$132,433.

PROGRAM PROGRESS SUMMARY: We feel confident that by our efforts to promote this program through newspaper, radio, and television that we will continue to exceed provide valuable advice to our customers on conservation measures and practices. Our customers have been increasing their participation in this program. The number of energy surveys performed over the last couple of years increased by 91% from 2007 to 2008 and by additional 29% during 2009

PROGRAM TITLE: "Good Cents" Commercial Building Program

PTOGRAM DESCRIPTION: The commercial/industrial market is comprised of a wide range of diverse businesses with variable size and operational characteristics. The overall success of this program lies in its ability to address this diversity by focusing on the common characteristics of commercial buildings. The most common critical areas in commercial buildings that affect summer peak kW demand are the thermal efficiency of the building and HVAC equipment efficiency. This program provides requirements for these areas that, if adhered to, will help reduce peak kW demand and energy consumption.

The promotion of this program through the years has created a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design continues to be sufficiently flexible to allow an architect or designer to use initiative and ingenuity to achieve results that are meaningful to both the customer and Florida Public Utilities Company.

This program is designed to ensure that buildings are constructed with energy efficiency levels above the Florida Model Energy code standards. These standards include both HVAC efficiency and thermal envelope requirements. Florida Public Utilities Company's continuing efforts to influence the market toward high-efficiency equipment and quality construction standards are the foundation of such a commercial building program.

PROGRAM ACCOMPLISHMENTS: This year a total of no commercial buildings were certified most likely due to the very tight economy, however since the program began during 2005, there have been 32 commercial buildings certified under this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$1,957.

PROGRAM PROGRESS SUMMARY: We feel confident that by our efforts to promote this and complimentary programs through newspaper, radio, and television that we will continue to exceed provide valuable advice to our customers on conservation measures and practices.

PROGRAM TITLE: "Good Cents" Commercial Technical Assistance Audit Program

PROGRAM DESCRIPTION: The Technical Assistance Audit (TAA) Program is an interactive program that assists commercial customers in identifying advanced energy conservation opportunities. It is customized to meet the individual needs of large customers as required; therefore, it is an evolving program.

The Technical Assistance Audit process consists of an on-site review of the customer's facility operation, equipment, and energy usage pattern by a Florida Public Utilities Company Conservation Specialist. The specialist identifies all areas of potential reduction in kW demand and kWh consumption as well as identifying end-use technology opportunities. A technical evaluation is then performed to determine the economic payback or life cycle cost for various improvements to the facility. Florida Public Utilities Company will subcontract the evaluation process to an independent engineering firm and/or contracting consultant, if necessary.

PROGRAM ACCOMPLISHMENTS: This year a total of 57 audits were complete during the reporting period.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$16,494.

PROGRAM PROGRESS SUMMARY: This program has been successful and we are optimistic that our commercial customers will continue to involve us to an even greater extent in the future on upcoming commercial construction projects.

PROGRAM TITLE: Low Income

PROGRAM DESCRIPTION: Florida Public Utilities Company presently has energy education programs that identify low-cost and no-cost energy conservation measures. To better assist low-income customers in managing their energy purchases, the presentations and formats of these energy education programs are tailored to the audience. These programs provide basic energy education, as well as inform the customers of other specific services, such as the free energy surveys that Florida Public Utilities Company currently offers.

PROGRAM ACCOMPLISHMENTS: Even though there are no goals for this program we continue to work through various agencies to provide home energy surveys to low income customers as well as evaluating homes for local agencies for possible energy efficiency improvements.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$0.

PROGRAM PROGRESS SUMMARY: Even though this year there was not any special events or presentations directly related to Low Income customers we will continue to promote the opportunity to educate low-income customers on the benefits of an energy efficient home.

PROGRAM TITLE: Affordable Housing Builders and Providers

PROGRAM DESCRIPTION: Florida Public Utilities Company will identify the affordable housing builders within the service area and will encourage them to attend educational seminars and workshops related to energy efficient construction, retrofit programs, and financing programs. The Company will also encourage them to participate in our other residential programs. Florida Public Utilities Company will work with the Florida Energy Extension Service and other seminar sponsors to offer to facilitate a minimum of two seminars and/or workshops per year. Florida Public Utilities Company will work with all sponsors to reduce or eliminate attendance fees for affordable housing providers.

PROGRAM ACCOMPLISHMENTS: Even though there are no goals for this program we continue to promote energy efficient construction to affordable housing providers.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$0.

PROGRAM PROGRESS SUMMARY: This program is no longer offered as reflected in our 2008 report.

PROGRAM TITLE: Residential Heating & Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION: This program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps.

PROGRAM ACCOMPLISHMENTS: For the reporting period 152 customers participated in the residential heating and cooling efficiency upgrade program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$27,463.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

PROGRAM TITLE: Residential Ceiling Insulation Upgrade Program

PROGRAM DESCRIPTION: The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by residential air-conditioning and heating equipment. To serve this purpose, this program requires that residential customers add at least R-11 of ceiling insulation. By doing so, they will qualify for an incentive of \$100.00 in the form of an Insulation Certificate that may be applied to the total cost of installing the added ceiling insulation.

Interested residential customers must request a free ceiling insulation inspection. Florida Public Utilities Company will then dispatch an energy efficiency expert to perform that inspection and determine what changes should be made to enhance efficiency. The inspection will also determine the customer's eligibility for the \$100 Insulation Certificate. If the customer desires it, Florida Public Utilities Company will also help them find a qualified contractor to do the needed upgrade.

PROGRAM ACCOMPLISHMENTS: For the reporting period 15 customers participated in the residential ceiling insulation upgrade program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$4,743.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

PROGRAM TITLE: Commercial Indoor Efficient Lighting Rebate Program

PROGRAM DESCRIPTION: The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by commercial lighting equipment. To serve this purpose, this program requires that commercial customers achieve at least 1,000 watts of lighting reduction from any lighting source that has been retrofitted with a more efficient fluorescent lighting system (ballasts and lamps). By doing so, they will qualify for an incentive of 10¢ per watt reduced.

PROGRAM ACCOMPLISHMENTS: There were no participants in this program although there were several businesses that were evaluated to determine if they met the criteria to participate in the program. We have aggressively tried to promote this program and expect participation in 2009.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$2,595.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we will strive to continue our efforts to promote this energy efficient technology.

PROGRAM TITLE: Conservation Demonstration and Development (CDD) Program

PROGRAM DESCRIPTION: The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company.

The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

PROGRAM ACCOMPLISHMENTS: Even though there are no goals for this program we continue to explore new technologies for applicability to this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2009 through December 31 2009 were \$7,743.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we will strive to continue our efforts to look for new technologies and market barriers.

Docket No. 100002-EG

Composite Exhibit No. _____ (JVH-1)

Florida Public Utilities Company
(Schedules C-1, C-2, C-3, C-4 and C-5)

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG

EXHIBIT 3

PARTY FL PUBLIC UTILITIES COMPANY (DIRECT)

DESCRIPTION JASON VAN HOFFMAN (JVH-1)

DATE 11/01/10

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-1
PAGE 1 OF 1

ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-11 THROUGH December-11

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>778,647</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LIN 11)	<u>52,197</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>830,844</u>
4.	RETAIL KWH SALES	<u>721,496,000</u>
5.	COST PER KWH	<u>0.00115156</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00115200</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	<u>0.115</u>

EXHIBIT NO. _____
DOCKET NO.100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 1 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 1 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-11 THROUGH December-11

A. ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
10 Common	29,130	29,080	29,080	29,080	29,080	29,080	29,080	29,080	29,080	29,080	29,080	29,080	349,010
11 Residential Geothermal Heat Pump	0	0	0	0	0	0	0	0	0	0	0	0	0
12 GoodCents Home/Energy Star	5,445	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	65,725
13 GoodCents Energy Survey Program	12,819	12,820	12,820	12,820	12,820	12,820	12,820	12,820	12,820	12,820	12,820	12,820	153,839
14 Good Cents Loan Program	0	0	0	0	0	0	0	0	0	0	0	0	0
15 GoodCents Commercial Building	2,998	3,010	3,010	3,010	3,010	3,010	3,010	3,010	3,010	3,010	3,010	3,010	36,108
16 GoodCents Commercial Tech. Assistance	6,078	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	73,288
17 Low Income	1,477	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	17,097
18 Affordable Housing/Builders Program	0	0	0	0	0	0	0	0	0	0	0	0	0
19 GoodCents Heating and Cooling Upgrade	2,728	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	32,648
20 GoodCents Ceiling Insulation upgrade Program	1,095	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	13,415
21 GoodCents Commercial Indoor Lighting Rebate	1,837	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	22,517
22 Conservation Demonstration & Development	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	15,000
31. TOTAL ALL PROGRAMS	64,857	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	778,647
32. LESS AMOUNT INCLUDED IN RATE BASE													
33. RECOVERABLE CONSERVATION EXPENSES	64,857	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	64,890	778,647

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 2 OF 24

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-11 THROUGH December-11

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
10. Common	126,709	68,865	40,000	45,557	10,027	13,216	6,360	15,784	0	22,492	349,010	0	349,010
11. Residential Geothermal Heat Pump	0	0	0	0	0	0	0	0	0	0	0	0	0
12. GoodCents Home/Energy Star	17,180	20,586	0	22,310	0	1,067	0	928	0	3,654	65,725	0	65,725
13. GoodCents Energy Survey Program	65,663	77,430	0	0	0	3,769	0	456	0	6,521	153,839	0	153,839
5. Good Cents Loan Program	0	0	0	0	0	0	0	0	0	0	0	0	0
15. GoodCents Commercial Building	10,416	4,538	0	20,141	0	0	0	0	0	1,013	36,108	0	36,108
16. GoodCents Commercial Tech. Assistance	10,382	46,410	0	10,472	0	3,567	0	0	2,457	0	73,288	0	73,288
17. Low Income	7,000	2,301	0	0	0	5,214	0	568	2,014	0	17,097	0	17,097
18. Affordable Housing/Builders Program	0	0	0	0	0	0	0	0	0	0	0	0	0
19. GoodCents Heating and Cooling Upgrade	8,483	3,590	0	0	0	0	0	0	22,575	0	32,648	0	32,648
20. GoodCents Ceiling Insulation upgrade Program	3,657	5,246	0	0	0	1,754	0	0	2,758	0	13,415	0	13,415
21. GoodCents Commercial Indoor Lighting Rebate	2,069	17,692	0	0	0	1,745	0	0	1,011	0	22,517	0	22,517
22. Conservation Demonstration & Development	15,000	0	0	0	0	0	0	0	0	0	15,000	0	15,000
31. TOTAL ALL PROGRAMS	264,559	246,658	40,000	98,480	10,027	30,332	6,360	17,736	30,815	33,680	778,647	0	778,647
32. LESS: BASE RATE RECOVERY													
33. NET PROGRAM COSTS	264,559	246,658	40,000	98,480	10,027	30,332	6,360	17,736	30,815	33,680	778,647	0	778,647

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 3 OF 3

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-11 THROUGH December-11

PROGRAM NAME:

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 4 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
CONSERVATION PROGRAM COSTS

SCHEDULE C-3
PAGE 1 OF 5

ACTUAL FOR MONTHS January-10 THROUGH July-10
ESTIMATED FOR MONTHS August-10 THROUGH December-10

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
10. Common													
A. ACTUAL	77,237	61,672	6,388	20,974	3,089	9,970	78	27,878	0	29,874	237,160		237,160
B. ESTIMATED	48,640	530	5,060	6,480	2,300	2,590	1,400	8,660	0	13,540	89,200		89,200
C. TOTAL	125,877	62,202	11,448	27,454	5,389	12,560	1,478	36,538	0	43,414	326,360		326,360
11. Residential Geothermal Heat Pump													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0		0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
12. GoodCents Home/Energy Star													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
B. ESTIMATED	19,660	18,160	0	8,490	0	1,850	0	2,890	0	0	51,050		51,050
C. TOTAL	19,660	18,160	0	8,490	0	1,850	0	2,890	0	0	51,050		51,050
13. GoodCents Energy Survey Program													
A. ACTUAL	36,039	51,610	0	0	0	1,440	0	(18)	0	750	89,821		89,821
B. ESTIMATED	20,700	19,760	0	0	0	3,240	0	0	0	0	43,700		43,700
C. TOTAL	56,739	71,370	0	0	0	4,680	0	(18)	0	750	133,521		133,521
14. Good Cents Loan Program													
A. ACTUAL	0	0	0	0	0	0	0	(30)	0	0	(30)		(30)
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0		0
C. TOTAL	0	0	0	0	0	0	0	(30)	0	0	(30)		(30)
15. GoodCents Commercial Building													
A. ACTUAL	0	250	0	0	0	0	0	0	0	0	250		250
B. ESTIMATED	5,190	4,810	0	0	0	0	0	0	0	0	10,000		10,000
C. TOTAL	5,190	5,060	0	0	0	0	0	0	0	0	10,250		10,250
16. GoodCents Commercial Tech. Assistance													
A. ACTUAL	1,097	42,833	0	3,024	0	0	0	35	0	1,002	47,991		47,991
B. ESTIMATED	7,250	2,680	0	470	0	0	0	0	0	0	10,400		10,400
C. TOTAL	8,347	45,513	0	3,494	0	0	0	35	0	1,002	58,391		58,391
SUB-TOTAL ACTUAL	114,373	156,365	6,388	23,998	3,089	11,410	78	27,865	0	31,626	375,192		375,192
SUB-TOTAL ESTIMATED	101,440	45,940	5,060	15,440	2,300	7,680	1,400	11,550	0	13,540	204,350		204,350
LESS: PRIOR YEAR AUDIT ADJ.													
ACTUAL											0		0
ESTIMATED													
TOTAL													
NET PROGRAM COSTS													

SEE PAGE 1A

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 5 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
CONSERVATION PROGRAM COSTS

SCHEDULE C-3
PAGE 1A OF 5

ACTUAL FOR MONTHS January-10 THROUGH July-10
ESTIMATED FOR MONTHS August-10 THROUGH December-10

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
17. Low Income													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0		0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
18. Affordable Housing/Builders Program													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0		0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
19. GoodCents Heating and Cooling Upgrade													
A. ACTUAL	964	0	0	0	0	0	0	0	15,400	0	16,364		16,364
B. ESTIMATED	1,020	2,130	0	0	0	0	0	0	2,500	0	5,650		5,650
C. TOTAL	1,984	2,130	0	0	0	0	0	0	17,900	0	22,014		22,014
20. GoodCents Ceiling Insulation upgrade Program													
A. ACTUAL	589	0	0	0	0	0	0	0	1,300	0	1,889		1,889
B. ESTIMATED	0	1,610	0	0	0	0	0	0	3,640	0	5,250		5,250
C. TOTAL	589	1,610	0	0	0	0	0	0	4,940	0	7,139		7,139
21. GoodCents Commercial Indoor Lighting Rebate													
A. ACTUAL	77	500	0	0	0	0	0	0	0	0	577		577
B. ESTIMATED	0	3,210	0	0	0	0	0	0	2,490	0	5,700		5,700
C. TOTAL	77	3,710	0	0	0	0	0	0	2,490	0	6,277		6,277
22. Conservation Demonstration & Development													
A. ACTUAL	720	7,905	0	0	0	0	0	0	0	0	8,625		8,625
B. ESTIMATED	0	550	0	0	0	0	0	0	0	0	550		550
C. TOTAL	720	8,455	0	0	0	0	0	0	0	0	9,175		9,175
TOTAL ACTUAL	116,723	164,770	6,388	23,998	3,089	11,410	78	27,865	16,700	31,626	402,647	0	402,647
TOTAL ESTIMATED	102,460	53,440	5,060	15,440	2,300	7,680	1,400	11,550	8,630	13,540	221,500	0	221,500
LESS: PRIOR YEAR AUDIT ADJ.													
ACTUAL											0		0
ESTIMATED													
TOTAL													
NET PROGRAM COSTS	219,183	218,210	11,448	39,438	5,389	19,090	1,478	39,415	25,330	45,166	624,147	0	624,147

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 6 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3
 PAGE 2 OF 5

ACTUAL FOR MONTHS January-10 THROUGH July-10
 ESTIMATED FOR MONTHS August-10 THROUGH December-10

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. _____
 DOCKET NO. 100002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (JVH-1)
 PAGE 7 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
CONSERVATION PROGRAM COSTS

SCHEDULE C-3
PAGE 3 OF 5

ACTUAL FOR MONTHS January-10 THROUGH July-10
ESTIMATED FOR MONTHS August-10 THROUGH December-10

A. ESTIMATED EXPENSE BY PROGRAM	ACTUAL							TOTAL ACTUAL	ESTIMATED					TOTAL ESTIMATED	GRAND TOTAL
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
10 Common	14,772	24,775	59,109	40,204	25,762	43,950	28,588	237,160	17,840	17,840	17,840	17,840	17,840	89,200	326,360
11 Residential Geothermal Heat Pump	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 GoodCents Home/Energy Star	0	0	0	0	0	0	0	0	10,210	10,210	10,210	10,210	10,210	51,050	51,050
13 GoodCents Energy Survey Program	5,409	17,600	15,351	10,230	7,574	22,716	10,941	89,821	8,740	8,740	8,740	8,740	8,740	43,700	133,521
14 Good Cents Loan Program	0	0	(10)	0	(10)	0	(10)	(30)	0	0	0	0	0	0	(30)
15 GoodCents Commercial Building	0	250	0	0	0	0	0	250	2,000	2,000	2,000	2,000	2,000	10,000	10,250
16 GoodCents Commercial Tech. Assistance	5,552	6,751	2,764	4,828	2,560	18,866	6,670	47,991	2,080	2,080	2,080	2,080	2,080	10,400	58,391
17 Low Income	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Affordable Housing/Builders Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 GoodCents Heating and Cooling Upgrade	3,773	2,249	2,150	1,441	3,650	3,126	(25)	16,364	1,130	1,130	1,130	1,130	1,130	5,650	22,014
20 GoodCents Ceiling Insulation upgrade Program	566	199	300	400	0	424	0	1,889	1,050	1,050	1,050	1,050	1,050	5,250	7,139
21 GoodCents Commercial Indoor Lighting Rebate	0	0	75	0	0	252	250	577	1,140	1,140	1,140	1,140	1,140	5,700	6,277
22 Conservation Demonstration & Development	0	0	0	2,370	2,448	1,332	2,475	8,625	110	110	110	110	110	550	9,175
Prior period audit adj.								0							0
31. TOTAL ALL PROGRAMS	30,072	51,824	79,739	59,473	41,984	90,666	48,889	402,647	44,300	44,300	44,300	44,300	44,300	221,500	624,147
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES	30,072	51,824	79,739	59,473	41,984	90,666	48,889	402,647	44,300	44,300	44,300	44,300	44,300	221,500	624,147

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 8 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3
PAGE 4 OF 5

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS		January-10 August-10	THROUGH THROUGH	July-10 December-10												
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL		
B.	CONSERVATION REVENUES															
1.	RCS AUDIT FEES															
	a.															
	b.															
	c.															
2.	CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)	(53,971)	(49,502)	(48,969)	(43,299)	(39,005)	(48,511)	(59,101)	(60,302)	(56,150)	(51,867)	(41,597)	(44,267)	(596,541)		
3.	TOTAL REVENUES	(53,971)	(49,502)	(48,969)	(43,299)	(39,005)	(48,511)	(59,101)	(60,302)	(56,150)	(51,867)	(41,597)	(44,267)	(596,541)		
4.	PRIOR PERIOD TRUE-UP--ADJ NOT APPLICABLE TO PERIOD	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,034	24,452		
5.	CONSERVATION REVENUES APPLICABLE TO PERIOD	(51,933)	(47,464)	(46,931)	(41,261)	(36,967)	(46,473)	(57,063)	(58,264)	(54,112)	(49,829)	(39,559)	(42,233)	(572,089)		
6.	CONSERVATION EXPENSES (FORM C-3, PAGE 3)	30,072	51,824	79,739	59,473	41,984	90,666	48,889	44,300	44,300	44,300	44,300	44,300	624,147		
7.	TRUE-UP THIS PERIOD	(21,861)	4,360	32,808	18,212	5,017	44,193	(8,174)	(13,964)	(9,812)	(5,529)	4,741	2,067	52,058		
8.	INTEREST PROVISION THIS PERIOD (C-3, PAGE 5)	2	0	3	8	12	21	24	18	15	12	12	12	139		
9.	TRUE-UP & INTEREST PROVISION	24,452	555	2,877	33,650	49,832	52,823	94,999	84,811	68,827	56,992	49,437	52,152	24,452		
10.	PRIOR TRUE-UP REFUNDED (COLLECTED)	(2,038)	(2,038)	(2,038)	(2,038)	(2,038)	(2,038)	(2,038)	(2,038)	(2,038)	(2,038)	(2,038)	(2,034)	(24,452)		
11.	END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)	555	2,877	33,650	49,832	52,823	94,999	84,811	68,827	56,992	49,437	52,152	52,197	52,197		

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 9 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3
PAGE 5 OF 5

ACTUAL FOR MONTHS January-10 THROUGH July-10
ESTIMATED FOR MONTHS August-10 THROUGH December-10

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	24,452	555	2,877	33,650	49,832	52,823	94,999	84,811	68,827	56,992	49,437	52,152	52,197
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	553	2,877	33,647	49,824	52,811	94,978	84,787	68,809	56,977	49,425	52,140	52,185	52,058
3. TOTAL BEG. AND ENDING TRUE-UP	25,005	3,432	36,524	83,474	102,643	147,801	179,786	153,620	125,804	106,417	101,577	104,337	104,255
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	12,503	1,716	18,262	41,737	51,322	73,901	89,893	76,810	62,902	53,209	50,789	52,169	52,128
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	0.20%	0.20%	0.21%	0.21%	0.23%	0.34%	0.35%	0.28%	0.28%	0.28%	0.28%	0.28%	
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.20%	0.21%	0.21%	0.23%	0.34%	0.35%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	
7. TOTAL (LINE C-5 + C-6)	0.40%	0.41%	0.42%	0.44%	0.57%	0.69%	0.63%	0.56%	0.56%	0.56%	0.56%	0.56%	
8. AVG INTEREST RATE (C-7 X 50%)	0.20%	0.21%	0.21%	0.22%	0.29%	0.35%	0.32%	0.28%	0.28%	0.28%	0.28%	0.28%	
9. MONTHLY AVERAGE INTEREST RATE	0.017%	0.017%	0.018%	0.018%	0.024%	0.029%	0.026%	0.023%	0.023%	0.023%	0.023%	0.023%	
10. INTEREST PROVISION (LINE C-4 X C-9)	2	0	3	8	12	21	24	18	15	12	12	12	139

EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(JVH-1)
PAGE 10 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4
 PAGE 1 OF 1

FOR THE PERIOD January-10 THROUGH December-11

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2010 JANUARY	67,594	53,971	ACTUAL
FEBRUARY	61,984	49,502	ACTUAL
MARCH	61,311	48,969	ACTUAL
APRIL	54,213	43,299	ACTUAL
MAY	48,849	39,005	ACTUAL
JUNE	60,751	48,511	ACTUAL
JULY	74,001	59,101	ACTUAL
AUGUST	75,770	60,302	0.079586
SEPTEMBER	70,554	56,150	0.079584 *
OCTOBER	65,172	51,867	0.079585 *
NOVEMBER	52,268	41,597	0.079584 *
DECEMBER	55,622	44,267	0.079585 *
SUB-TOTAL	748,089	596,541	
2011 JANUARY	60,348	69,494	0.115156
FEBRUARY	57,629	66,363	0.115156
MARCH	57,351	66,043	0.115156
APRIL	50,074	57,663	0.115156
MAY	52,199	60,110	0.115156
JUNE	62,901	72,434	0.115156
JULY	73,308	84,418	0.115156
AUGUST	72,762	83,790	0.115156
SEPTEMBER	67,649	77,902	0.115156
OCTOBER	61,334	70,630	0.115156
NOVEMBER	51,507	59,313	0.115156
DECEMBER	54,434	62,684	0.115156
SUB-TOTAL	721,496	830,844	
TOTALS	1,469,585	1,427,385	

* Weighted average rates based on a consolidation of the separate rates for the two electric divisions.

EXHIBIT NO. _____
 DOCKET NO. 100002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (JVH-1)
 PAGE 11 OF 24

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 1 OF 13**

1. Residential Geothermal Heat Pump
2. GoodCents Home/Energy Star Program
3. GoodCents Energy Survey Program
4. GoodCents Commercial Building Program/Energy Survey
5. GoodCents Commercial Technical Assistance Program
6. Educational/Low Income
7. Residential Heating and Cooling Efficiency Upgrade Program
8. Residential Ceiling Insulation Upgrade Program
9. Commercial Indoor Efficient Lighting Rebate Program
10. Educational/Conservation Demonstration and Development Program
11. Educational/Affordable Housing Builders and Providers Program
12. GoodCents Loan Program

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 12 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 2 OF 13**

PROGRAM TITLE:

Residential Geothermal Heat Pump Program

PROGRAM DESCRIPTION:

The objective of the Residential Geothermal Heat Pump Program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced and emerging geothermal systems. Geothermal heat pumps provide significant benefits to participating customers in the form of reduced operating costs and increased comfort levels, and are superior to other available heating and cooling technologies with respect to source efficiency and environmental impacts. FPUC's Geothermal Heat Pump Program is designed to overcome existing market barriers, specifically, lack of consumer awareness, knowledge, and acceptance of this technology.

This program will promote efficiency levels well above current market conditions, specifically those units with an Energy Efficiency Ratio (EER) of 13.0 or higher. According to the Department of Energy (DOE) geothermal technology is the most energy-efficient and environmentally clean space-conditioning system available today. Additionally, a recent DOE study indicates that geothermal systems have the lowest life-cycle cost of any HVAC system today.

PROGRAM PROJECTIONS:

For January 2011 through December 2011: At this time no participation goals have been set.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011, projected expenses are \$2,463

PROGRAM SUMMARY:

Even though there is no particular goal for this program we continue our efforts to promote this technology and hope we will see a number of geothermal installations in the future. This program also receives the benefits from the advertising of the GoodCents Home/Energy Star Program, which promotes high efficient heating and cooling systems.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 13 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 3 OF 13**

PROGRAM TITLE:

GoodCents Home/Energy Star Program

PROGRAM DESCRIPTION:

The GoodCents Home Program has long been the standard for energy efficient construction in North Florida and throughout other parts of the country where the GoodCents Program has been utilized by as many as 270 different utilities. For FPUC and our customers, GoodCents homes provides guidance concerning energy efficiency in new construction by promoting energy efficient home construction techniques by evaluating components in the categories of design and construction practices.

In an effort to further enhance the GoodCents Home Program and market the Program more efficiently and effectively, GoodCents signed a Memorandum of Understanding with the Department of Energy (DOE) and the Environmental Protection Agency (EPA). Since FPUC is a member of GoodCents this agreement provides the opportunity to offer the Energy Star Home Program to builders and customers and correlates the performance of GoodCents homes to the nationally recognized Energy Star efficiency label. In many cases, a standard GoodCents home will also qualify as an Energy Star Home. The GoodCents Home standards continue to exceed the minimum efficiency standards for new construction as set forth by the Florida Model Energy Code.

PROGRAM PROJECTION:

For January 2011 through December 2011 the goal for the number of program participants is 55.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses are \$65,725.

PROGRAM SUMMARY:

Through this program, participating customers will experience lower utility bills, increased comfort, and the eligibility to utilize energy efficient home mortgage products. We continue to see a positive participation in this program due to the continuous effort in educating and advertising the benefits of this program to our customers and builders. We will continue to build a good working relationship with our builders and customers to ensure the success of this program.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 14 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 4 OF 13**

PROGRAM TITLE:

GoodCents Energy Survey Program

PROGRAM DESCRIPTION:

The objective of the GoodCents Energy Survey Program is to provide FPUC's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. FPUC views this program as a vehicle to promote the installation of cost-effective conservation features. During the survey process, the customer is provided with specific whole-house recommendations. The survey process also checks for possible duct leakage. If a problem is identified recommendations will be made for further analysis and repairs. Blower-door testing is required to identify and quantify the duct leakage and will be performed by a contractor. After identifying the leakage sites and quantities, the customer is given a written summary of the test findings and the potential for savings, along with a list of approved repair contractors. As a result, the increase in operating efficiencies provides for a reduction in weather-sensitive peak demand, as well as a reduction in energy consumption.

PROGRAM PROJECTIONS:

For January 2011 through December 2011 the goal for the number of program participants is 250.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses are \$153,839.

PROGRAM SUMMARY:

This program provides participating customers with the information needed to determine which energy saving measures are best suited to their individual needs and requirements. We feel confident that by continuing to advertise the benefits of this program through bill inserts, promotional materials, newspaper, and cable TV we will continue to see a high participation level in this program.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 15 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 5 OF 13**

PROGRAM TITLE:

GoodCents Commercial Building Program/Energy Survey

PROGRAM DESCRIPTION:

The commercial/industrial market is comprised of a wide range of diverse businesses with variable size and operational characteristics. The success of the Commercial/Industrial Good Cents Building program lies in its ability to address this diversity by focusing on the mutual characteristics of commercial buildings. The most common critical areas in commercial buildings that affect summer peak demand are the thermal efficiency of the building and HVAC equipment efficiency. The Commercial/Industrial GoodCents Building Program provides requirements for these areas that, if adhered to, will help reduce peak demand and energy consumption.

The promotion of the GoodCents Commercial Building Program through the years has featured a positive relationship with trade allies, the public and local commercial/industrial customers. The program's design continues to be sufficiently flexible to allow an architect or designer to use initiative and ingenuity to achieve results that are meaningful to both the customer and FPUC.

To provide an accurate quantitative analysis of the kW and kWh savings due to the GoodCents Commercial Building Program, the GoodCents standards for average commercial buildings are compared to the Florida Model Energy Code. The features used to prepare the customer's analysis include: wall and ceiling R-values; glass area; description of glass; and equipment used in determining the kW and kWh differences for the two types of structures.

PROGRAM PROJECTIONS:

For January 2011 through December 2011 the goal for the number of program participants is 50.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses are \$36,108.

PROGRAM SUMMARY:

The GoodCents Building Program is designed to ensure that buildings are constructed with energy efficiency levels above the Florida Model Energy Code standards. These standards include both HVAC efficiency and thermal envelope requirements. This program will continue to be successful as FPUC builds on its efforts in working with builders and architects.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 16 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 6 OF 13**

PROGRAM TITLE:

GoodCents Commercial Technical Assistance Audit Program

PROGRAM DESCRIPTION:

The GoodCents Commercial Technical Assistance Audit Program is an interactive program that provides commercial customers assistance in identifying advanced energy conservation opportunities. It is customized to meet the individual needs of large customers as required; therefore, it is an evolving program.

The Technical Assistance Audit process consists of an on-site review by FPUC Conservation Specialist of the customer's facility operation, equipment and energy usage pattern. The specialist identifies areas of potential reduction in kW demand and kWh consumption as well as identifying end-use technology opportunities. A technical evaluation is then performed to determine the economic payback or life cycle cost for various improvements to the facility. When necessary, FPUC will subcontract the evaluation process to an independent engineering firm and/or contracting consultant.

PROGRAM PROJECTION:

For January 2011 through December 2011: There are no goals set for this program.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses are \$73,288

PROGRAM SUMMARY:

In recent research of commercial/industrial customers, consistent response for areas of improvement from this class of customer include individualized attention and service in helping them improve their cost of operation and efficiency. We have built trusting relationships with many of these customers by offering education on new technologies and by offering expertise in energy conservation. The work we have done in this area will continue to benefit FPUC.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 17 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 7 OF 13**

PROGRAM TITLE:

Low Income Program

PROGRAM DESCRIPTION:

FPUC presently has energy education programs that identify low cost and or no cost conservation measures. In order to better assist low-income customers in managing their energy purchases, the presentation and format of these energy education programs are tailored to the audience. These programs provide basic energy education, as well as inform the customers of other specific services, such as free energy surveys, that FPUC currently offers.

PROGRAM PROJECTION:

For January 2011 through December 2011: There are no goals set for this program.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses for this period are \$17,097

PROGRAM SUMMARY:

This program will benefit Florida Public Utilities Company by providing opportunities to educate low-income customers on the benefits of an energy efficient home.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 18 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 8 OF 13**

PROGRAM TITLE:

Residential Heating and Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION:

This program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps. Two types of rebates are offered, one is for replacing an existing resistance-heating system with a high efficiency heat pump and the second type is for replacing a lower-efficiency heat pump with a high-efficiency heat pump. FPUC will validate engineering analyses of energy and demand savings with billing data and by metering customer equipment.

PROGRAM PROJECTIONS:

For January 2011 through December 2011 the goal for the number of program participants is 150.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses are \$32,648.

PROGRAM SUMMARY:

This program provides an opportunity for FPUC customers' to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program through our GoodCents Energy Survey Program, bill inserts, promotional materials, newspaper ads, and cable TV we will continue to see a high participation level.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 19 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 9 OF 13**

PROGRAM TITLE:

Residential Ceiling Insulation Upgrade Program

PROGRAM DESCRIPTION:

The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by residential air-conditioning and heating equipment. To serve this purpose, this program requires that residential customers add at least R-11 of ceiling insulation. Resulting total R-values achieved will be at least R-30. By doing so, they will qualify for an incentive of \$0.125 per square foot up to \$375 in the form of an Insulation Certificate that may be applied to the total cost of installing the added ceiling insulation.

PROGRAM PROJECTIONS:

For January 2011 through December 2011 the goal for the number of program participants is 30.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses are \$13,415

PROGRAM SUMMARY:

Interested residential customers must request a free ceiling insulation inspection. FPUC will then dispatch an energy efficiency expert to perform that inspection and determine what changes should be made to enhance efficiency. The inspection will also determine the customer's eligibility of the incentive. This program will be promoted through the GoodCents Energy Survey Program as well as bill inserts, newspaper ads and cable TV. We feel confident that by continuing to advertise the benefits of this program we will see participation levels increase.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 20 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 10 OF 13**

PROGRAM TITLE:

Commercial Indoor Efficient Lighting Rebate Program

PROGRAM DESCRIPTION:

The purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented by commercial lighting equipment. To serve this purpose, this program requires that commercial customers achieve at least 1,000 watts of lighting reduction from any lighting source that has been retrofitted with a more efficient fluorescent lighting system (ballasts and lamps). By doing so, they will qualify for an incentive of 10 cents per watt reduced for Tier 1 or a 2.5 cents per watt rebate for Tier 2 participation (\$100 max).

PROGRAM PROJECTION:

For January 2011 through December 2011 the goal for the number of program participants is 12.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses are \$22,517.

PROGRAM SUMMARY:

Interested customers or contractors must contact FPUC before starting a lighting retrofit project. The company will then dispatch a qualified lighting engineer to perform an inspection and determine what lighting changes should be made to enhance efficiency. The inspection will also determine the customer/contractor's eligibility for the incentive. This program will be promoted through the GoodCents Commercial Technical Assistance Audit Program, bill inserts, newspaper ads, and cable TV. We feel confident that by continuing advertising the benefits of this program we will see participation levels increase.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 21 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 11 OF 13**

PROGRAM TITLE:

Conservation Demonstration and Development (CDD) Program

PROGRAM DESCRIPTION:

The primary purpose of the Conservation Demonstration and Development (CDD) Program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by FPUC.

The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

PROGRAM PROJECTION:

For January 2010 through December 2011: There are no goals set for this program.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses for this period are \$15,000

PROGRAM SUMMARY:

This program will enable FPUC to pursue research, development and demonstration projects designed to promote energy efficiency and conservation. CDD projects will enable the collection of actual data from field tests. Engineering estimates and modeling techniques can be tested and validated. Future cost-benefit analyses for the subject CDD projects will be more reliable, thereby enabling better assessments of the expected future peak demand and energy conservation potential.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 22 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 12 OF 13**

PROGRAM TITLE:

Affordable Housing Builders and Providers Program

PROGRAM DESCRIPTION:

FPUC will identify the affordable housing builders within the service area and will encourage them to attend education seminars and workshops related to energy efficient construction, retrofit programs, financing programs, etc., and to participate in the GoodCents Home Program. FPUC will work with the Florida Energy Extension Service and other seminar sponsors to offer a minimum of two seminars and/or workshops per year. FPUC will work with all sponsors to reduce or eliminate attendances fees for affordable housing providers.

PROGRAM PROJECTION:

For January 2011 through December 2011. There is no goal for this program.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses for this period are \$-0-.

PROGRAM SUMMARY:

This program will provide FPUC the opportunity to educate contractors on the benefits of building a home to GoodCents standards as well as introduce new and innovative energy efficient building technology. This program has been removed from FPU's DSM Portfolio.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 23 OF 24**

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 13 OF 13**

PROGRAM TITLE:

GoodCents Loan Program

PROGRAM DESCRIPTION:

FPUC will provide loans to customers to purchase energy efficient appliances for their homes.

PROGRAM PROJECTION:

For January 2011 through December 2011. There is no goal for this program.

PROGRAM FISCAL EXPENDITURES:

For January 2011 through December 2011 the projected expenses for this period are \$-0-.

PROGRAM SUMMARY:

This program will provide FPUC the opportunity to educate consumers on the benefits of energy efficient appliances as well as introduce new and innovative energy efficient technology. This program has been removed from FPU's DSM Portfolio.

**EXHIBIT NO. _____
DOCKET NO. 100002-EG
FLORIDA PUBLIC UTILITIES CO.
(JVH-1)
PAGE 24 OF 24**

INDEX

Schedule Number	Title	Pages
CT-1	Adjusted net True-Up, January 2009 Through December 2009	1
CT-2	Analysis of Energy Conservation Program Costs	2
CT-3	Energy Conservation Adjustment	3 - 7
CT-4	Schedule of Capital Investments, Depreciation and Return	8 - 10
CT-5	Reconciliation and Explanation of Differences Between Filing and Audit	11
CT-6	Program Descriptions and Progress Reports	12 - 30

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG

EXHIBIT 4

PARTY GULF POWER COMPANY (DIRECT)

DESCRIPTION JOHN N. FLOYD (JNF-1)

DATE 11/01/10

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY
ADJUSTED NET TRUE-UP
For the Period: January, 2009 Through December, 2009

	<u>\$</u>	<u>\$</u>
Actual		
1. Principal	1,263,754	
2. Interest	<u>8,815</u>	
3. Actual Over/(Under) Recovery Ending Balance		1,272,569
Estimated/Actual as filed September 11, 2009		
4. Principal	(61,583)	
5. Interest	<u>8,560</u>	
6. Total Estimated/Actual Over/(Under) Recovery		<u>(53,023)</u>
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		<u><u>1,325,593</u></u>

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY
ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL compared to ESTIMATED/ACTUAL
For the Period: January, 2009 Through December, 2009

	<u>Actual</u>	<u>Est/Actual</u>	<u>Difference</u>
	\$	\$	\$
1. Depreciation, Return & Property Tax	1,820,546.48	1,836,273.93	(15,727.45)
2. Payroll & Benefits	3,652,830.01	3,943,981.39	(291,151.38)
3. Materials & Supplies	4,344,963.84	5,230,218.64	(885,254.80)
4. Advertising	1,297,333.37	1,235,508.00	61,825.37
5. Adjustments	0.00	0.00	0.00
6. Other	<u>187,210.00</u>	<u>367,390.71</u>	<u>(180,180.71)</u>
7. Subtotal	11,302,883.70	12,613,372.67	(1,310,488.97)
8. Program Revenues	<u>726,686.54</u>	<u>758,468.37</u>	<u>(31,781.83)</u>
9. Total Program Costs	<u>10,576,197.16</u>	<u>11,854,904.30</u>	<u>(1,278,707.14)</u>
10. Less: Payroll Adjustment	0.00	0.00	0.00
11. Amounts Inc. in Base Rate	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
12. Conservation Adjustment Revenues	<u>8,928,285.58</u>	<u>8,881,655.15</u>	<u>46,630.43</u>
13. Rounding Adjustment	<u>8,928,286.00</u>	<u>8,881,655.00</u>	<u>46,631.00</u>
14. True-up Before Adjustment Over/(Under) Recovery	(1,647,911)	(2,973,249)	1,325,338
15. Interest Provision	8,815	8,560	255
16. Prior Period True-up	2,911,666	2,911,666	0
17. Other	<u>0</u>	<u>0</u>	<u>0</u>
18. End of Period True-up	<u>1,272,569</u>	<u>(53,023)</u>	<u>1,325,593</u>

GULF POWER COMPANY

CONSERVATION COSTS BY PROGRAM
VARIANCE ACTUAL Vs ESTIMATED/ACTUAL
For the Period: January, 2009 Through December, 2009

Program	Depr/Amort & Return	Payroll & Benefits	Materials & Expenses	Advertising	Other	Sub-Total	Program Revenues	Total
1. Residential Energy Surveys	(2,855.93)	44,046.86	(53,658.75)	96,597.47	0.00	84,129.65	0.00	84,129.65
2. Residential Geothermal Heat Pump	0.00	(29,507.93)	1,359.05	(1,387.72)	(30,400.00)	(59,936.60)	0.00	(59,936.60)
3. Energy <i>Select</i>	(12,871.52)	(84,385.45)	(497,742.36)	8,809.07	0.00	(586,190.26)	(31,781.83)	(554,408.43)
4. Commercial / Industrial Energy Analysis	0.00	(61,431.26)	(5,649.47)	(2,036.07)	0.00	(69,116.80)	0.00	(69,116.80)
5. GoodCents Commerical Buildings	0.00	(77,553.94)	(1,164.50)	(405.00)	0.00	(79,123.44)	0.00	(79,123.44)
6. Commercial Geothermal Heat Pump	0.00	10,334.29	2,797.87	(1,000.00)	(69,200.00)	(57,067.84)	0.00	(57,067.84)
7. Energy Services	0.00	0.00	58.62	0.00	(80,580.71)	(80,522.09)	0.00	(80,522.09)
8. Renewable Energy								
a. Solar for Schools	0.00	0.00	(480.47)	0.00	0.00	(480.47)	0.00	(480.47)
b. EarthCents Solar	0.00	(2,293.33)	348.02	0.00	0.00	(1,945.31)	0.00	(1,945.31)
c. Renewable Energy Initiatives	0.00	(18,317.52)	(144,990.11)	0.00	0.00	(163,307.63)	0.00	(163,307.63)
d. Total	0.00	(20,610.85)	(145,122.56)	0.00	0.00	(165,733.41)	0.00	(165,733.41)
9. Conservation Demonstration and Development	0.00	(63,909.01)	(71,148.70)	0.00	0.00	(135,057.71)	0.00	(135,057.71)
10. Solar Thermal Water Heating Pilot Program	0.00	(870.03)	(127,152.19)	(1,338.94)	0.00	(129,361.16)	0.00	(129,361.16)
11. Energy Education Pilot Program	0.00	(7,264.06)	12,168.19	(37,413.44)	0.00	(32,509.31)	0.00	(32,509.31)
12. Total	(15,727.45)	(291,151.38)	(885,254.80)	61,825.37	(180,180.71)	(1,310,488.97)	(31,781.83)	(1,278,707.14)
13. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Total	(15,727.45)	(291,151.38)	(885,254.80)	61,825.37	(180,180.71)	(1,310,488.97)	(31,781.83)	(1,278,707.14)

CONSERVATION COSTS BY PROGRAM
ACTUAL EXPENSES
For the Period: January, 2009 Through December, 2009

Program	Depreciation Property Taxes & Return on Investment	Payroll & Benefits	Materials & Expenses	Advertising	Other	Sub-Total	Program Revenues	Total
1. Residential Energy Surveys	1,871.78	965,817.80	147,894.39	195,008.47	140.00	1,310,732.44	0.00	1,310,732.44
2. Residential Geothermal Heat Pump	0.00	90,031.07	21,853.05	1,112.28	69,200.00	182,196.40	0.00	182,196.40
3. Energy Select	1,818,674.70	1,332,202.55	3,660,106.78	283,809.07	70.00	7,094,863.10	726,686.54	6,368,176.56
4. Commercial / Industrial Energy Analysis	0.00	497,667.74	105,197.53	2,035.93	0.00	604,901.20	0.00	604,901.20
5. GoodCents Commerical Buildings	0.00	489,003.04	62,299.77	1,720.00	0.00	553,022.81	0.00	553,022.81
6. Commercial Geothermal Heat Pump	0.00	54,607.29	7,917.87	0.00	18,800.00	81,325.16	0.00	81,325.16
7. Energy Services	0.00	0.00	449.21	0.00	24,000.00	24,449.21	0.00	24,449.21
8. Renewable Energy								
a. Solar for Schools	0.00	0.00	19.53	0.00	0.00	19.53	0.00	19.53
b. EarthCents Solar	0.00	3,921.01	7,756.68	0.00	0.00	11,677.69	0.00	11,677.69
c. Renewable Energy Initiatives	0.00	130,463.48	119,849.89	2,400.00	0.00	252,713.37	0.00	252,713.37
d. Total	0.00	134,384.49	127,626.10	2,400.00	0.00	264,410.59	0.00	264,410.59
9. Conservation Demonstration and Development								
a. Electrode Boiler	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. McDonald's Geothermal Project	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. UWF BEST House	0.00	10,685.55	34,656.92	0.00	0.00	45,342.47	0.00	45,342.47
d. Variable Speed Pool Pump	0.00	10,685.44	11,543.35	0.00	0.00	22,228.79	0.00	22,228.79
e. Total	0.00	21,370.99	46,200.27	0.00	0.00	67,571.26	0.00	67,571.26
10. Solar Thermal Water Heating Pilot Program	0.00	9.10	18,250.68	48,661.06	75,000.00	141,920.84	0.00	141,920.84
11. Energy Education Pilot Program	0.00	67,735.94	147,168.19	762,586.56	0.00	977,490.69	0.00	977,490.69
10. Total	1,820,546.48	3,652,830.01	4,344,963.84	1,297,333.37	187,210.00	11,302,883.70	726,686.54	10,576,197.16

GULF POWER COMPANY

CONSERVATION COSTS BY PROGRAM
SUMMARY OF ACTUAL EXPENSES BY PROGRAM BY MONTH
For the Period: January, 2009 Through December, 2009

PROGRAMS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Residential Energy Surveys	9,170.54	100,249.96	147,692.28	129,600.13	115,754.85	108,940.75	66,280.87	131,559.66	116,453.36	143,740.35	206,436.47	32,981.44	1,308,860.66
Amortization & Return on Investment	133.41	132.50	131.59	130.68	129.77	128.86	127.96	127.05	128.67	192.92	254.65	253.72	1,871.78
Total	9,303.95	100,382.46	147,823.87	129,730.81	115,884.62	109,069.61	66,408.83	131,686.71	116,582.03	143,933.27	206,691.12	33,235.16	1,310,732.44
2. Residential Geothermal Heat Pump	31,964.00	(3,688.52)	14,527.80	11,996.82	13,458.62	17,111.30	15,423.69	29,864.68	15,295.96	11,340.48	11,913.89	12,987.68	182,196.40
3. Energy Select	474,183.74	332,444.67	346,841.64	491,024.10	478,860.22	372,301.74	518,135.71	480,852.36	347,357.51	464,170.86	388,420.52	581,595.33	5,276,188.40
Amortization & Return on Investment	151,312.87	151,372.27	151,306.46	150,983.99	150,703.13	150,965.38	151,274.36	151,481.68	152,065.12	152,380.35	152,396.28	152,432.81	1,818,674.70
Total	625,496.61	483,816.94	498,148.10	642,008.09	629,563.35	523,267.12	669,410.07	632,334.04	499,422.63	616,551.21	540,816.80	734,028.14	7,094,863.10
4. Commercial / Industrial Energy Analysis	82,756.49	54,490.01	40,762.63	36,066.72	38,963.84	46,227.12	59,695.02	47,416.92	42,265.85	45,444.34	39,892.96	70,919.30	604,901.20
5. GoodCents Commerical Buildings	74,820.87	44,945.47	41,078.87	42,259.17	39,154.35	41,437.89	57,419.29	41,343.00	36,382.83	38,498.63	35,428.33	60,254.11	553,022.81
6. Commercial Geothermal Heat Pump	6,412.88	4,553.01	4,033.26	3,983.87	4,443.22	9,511.65	15,087.29	5,114.44	4,200.29	3,896.28	8,122.73	11,966.24	81,325.16
7. Energy Services	0.00	0.00	0.00	0.00	0.00	390.59	(390.59)	449.21	(334.21)	24,334.21	0.00	0.00	24,449.21
8. Renewable Energy													
a. Solar for Schools	0.00	0.00	0.00	0.00	0.00	16.98	(16.98)	19.53	(14.53)	14.53	0.00	0.00	19.53
b. EarthCents Solar	1,012.17	971.83	909.91	920.87	930.09	921.45	1,068.97	1,202.65	808.42	940.20	939.11	1,052.02	11,677.69
c. Renewable Energy Initiatives	33,134.24	39,712.34	52,127.07	33,650.27	51,658.01	41,791.50	39,198.89	33,980.27	30,836.30	30,345.75	(128,208.62)	(5,512.65)	252,713.37
d. Total	34,146.41	40,684.17	53,036.98	34,571.14	52,588.10	42,729.93	40,250.88	35,202.45	31,630.19	31,300.48	(127,269.51)	(4,460.63)	264,410.59
9. Conservation Demonstration and Development													
a. Electrode Boiler	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. McDonald's Geothermal Project	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. UWF BEST House	26,949.38	1,829.01	1,437.60	1,465.68	1,445.09	1,825.05	2,169.27	1,824.23	1,373.64	1,538.99	1,547.84	1,936.69	45,342.47
d. Variable Speed Pool Pump	1,949.36	1,829.01	1,437.60	1,465.65	1,445.06	1,825.04	2,169.27	1,824.21	1,755.12	3,043.99	1,547.82	1,936.66	22,228.79
e. Total	28,898.74	3,658.02	2,875.20	2,931.33	2,890.15	3,650.09	4,338.54	3,648.44	3,128.76	4,582.98	3,095.66	3,873.35	67,571.26
10. Solar Thermal Water Heating Pilot Program	625.00	4,484.55	5,036.15	10,926.51	27,472.63	9,025.00	16,893.00	5,595.25	9,463.32	3,625.00	20,463.00	28,311.43	141,920.84
11. Energy Education Pilot Program	15,370.70	15,790.40	47,382.19	63,154.53	180,721.42	105,231.55	107,069.96	72,590.85	127,434.66	109,710.92	50,571.60	82,461.91	977,490.69
12. Recoverable Conservation Expenses	909,795.65	749,116.51	854,705.05	977,628.99	1,105,140.30	907,651.85	1,051,605.98 #	1,005,245.99	885,472.31	1,033,217.80	789,726.58	1,033,576.69	11,302,883.70

5

GULF POWER COMPANY
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF OVER/UNDER RECOVERY
For the Period: January, 2009 Through December, 2009

Conservation Revenues	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	SEPTEMBER* ADJUSTMENT	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Energy Select RSVP Fees	54,526.98	56,911.84	54,273.47	51,726.85	53,367.26	63,569.57	72,272.40	70,119.38	68,532.95	0.00	64,505.34	61,276.93	55,603.57	726,686.54
2. Over/(Under) Recovery	681,773.14	608,114.30	609,095.05	626,024.44	747,458.98	957,118.64	907,754.12	878,874.10	802,824.94	0.00	740,086.88	561,033.97	808,127.02	8,928,285.58
3. Total Revenues	736,300.12	665,026.14	663,368.52	677,751.29	800,826.24	1,020,688.21	980,026.52	948,993.48	871,357.89	0.00	804,592.22	622,310.90	863,730.59	9,654,972.12
4. Adjustment not Applicable to Period - Prior True Up	215,791.33	215,791.33	215,791.33	215,791.33	215,791.33	215,791.33	215,791.33	215,791.33	215,791.33	0.00	215,791.33	215,791.33	215,791.37	2,589,496.00
5. Conservation Revenues Applicable to Period	952,091.45	880,817.47	879,159.85	893,542.62	1,016,617.57	1,236,479.54	1,195,817.85	1,164,784.81	1,087,149.22	0.00	1,020,383.55	838,102.23	1,079,521.96	12,244,468.12
6. Conservation Expenses (CT-3, Page 3, Line 10)	909,795.65	749,116.49	854,705.08	977,628.97	1,105,140.30	907,651.85	1,051,605.96	1,005,246.01	885,469.79	0.00	1,033,220.33	789,726.58	1,033,576.69	11,302,883.70
7. True Up this Period (Line 5 - 6)	42,295.80	131,700.98	24,454.77	(84,086.35)	(88,522.73)	328,827.69	144,211.89	159,538.80	201,679.43	0.00	(12,836.78)	48,375.65	45,945.27	941,584.42
8. Interest Provision this Period (CT-3, Page 5, Line 11)	1,565.48	1,731.02	1,387.59	917.34	588.09	520.34	526.10	430.63	361.19	(21.96)	315.94	266.99	226.21	8,814.96
9. True Up & Interest Provision Beginning of Month	2,911,666.06	2,739,736.01	2,657,376.68	2,467,427.71	2,168,467.37	1,864,741.40	1,978,298.10	1,907,244.76	1,851,422.86	1,837,672.15	1,837,650.19	1,609,338.02	1,442,189.33	2,911,666.06
10. Prior True Up Collected or Refunded	(215,791.33)	(215,791.33)	(215,791.33)	(215,791.33)	(215,791.33)	(215,791.33)	(215,791.33)	(215,791.33)	(215,791.33)	0.00	(215,791.33)	(215,791.33)	(215,791.37)	(2,589,496.00)
11. End of Period- Net True Up	2,739,736.01	2,657,376.68	2,467,427.71	2,168,467.37	1,864,741.40	1,978,298.10	1,907,244.76	1,851,422.86	1,837,672.15	1,837,650.19	1,609,338.02	1,442,189.33	1,272,569.44	1,272,569.44

*An interest adjustment was made in September as a result of capitalizing the Residential Energy Survey Displays which were previously booked to O&M.

Florida Public Service Commission
 Docket No. 100002-EG
 GULF POWER COMPANY
 Witness: John N. Floyd
 Exhibit No. _____ (JNF-1)
 Schedule CT-3
 Page 4 of 5

GULF POWER COMPANY
COMPUTATION OF INTEREST EXPENSE
ENERGY CONSERVATION ADJUSTMENT
For the Period: January, 2009 Through December, 2009

Interest Provision	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	SEPTEMBER* ADJUSTMENT	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Beginning True up Amount	2,911,666.06	2,739,736.01	2,657,376.68	2,467,427.71	2,168,467.37	1,864,741.40	1,978,298.10	1,907,244.76	1,851,422.86		1,837,650.19	1,609,338.02	1,442,189.33	
2. Ending True up before Interest	2,738,170.53	2,655,645.66	2,466,040.12	2,167,550.03	1,864,153.31	1,977,777.76	1,906,718.66	1,850,992.23	1,837,310.96		1,609,022.08	1,441,922.34	1,272,343.23	
3. Total beginning & ending	5,649,836.59	5,395,381.67	5,123,416.80	4,634,977.74	4,032,620.68	3,842,519.16	3,885,016.76	3,758,236.99	3,688,733.82		3,446,672.26	3,051,260.35	2,714,532.55	
4. Average True up Amount	2,824,918.30	2,697,690.84	2,561,708.40	2,317,488.87	2,016,310.34	1,921,259.58	1,942,508.38	1,879,118.50	1,844,366.91		1,723,336.13	1,525,630.18	1,357,266.28	
5. Interest Rate First Day Reporting Business Month	0.5400	0.7900	0.7500	0.5500	0.4000	0.3000	0.3500	0.3000	0.2500		0.2200	0.2200	0.2000	
6. Interest Rate First Day Subsequent Business Month	0.7900	0.7500	0.5500	0.4000	0.3000	0.3500	0.3000	0.2500	0.2200		0.2200	0.2000	0.2000	
7. Total of Lines 5 and 6	1.3300	1.5400	1.3000	0.9500	0.7000	0.6500	0.6500	0.5500	0.4700		0.4400	0.4200	0.4000	
8. Average Interest rate (50% of Line 7)	0.6650	0.7700	0.6500	0.4750	0.3500	0.3250	0.3250	0.2750	0.2350		0.2200	0.2100	0.2000	
9. Monthly Average Interest Rate Line 8 \ 12	0.000554	0.000642	0.000542	0.000396	0.000292	0.000271	0.000271	0.000229	0.000196		0.000183	0.000175	0.000167	
10. Interest Adjustment														
11. Interest Provision (Line 4 X 9)	1,565.48	1,731.02	1,387.59	917.34	588.09	520.34	526.10	430.63	361.19	(21.96)	315.94	266.99	226.21	8,814.96

*An interest adjustment was made in September as a result of capitalizing the Residential Energy Survey Displays which were previously booked to O&M.

GULF POWER COMPANY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Energy Select
For the Period: January, 2009 Through December, 2009

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant In Service (Net of Retirements)		(49,867.65)	(19,179.88)	(58,640.95)	(10,641.97)	2,143.15	78,977.20	121,724.77	101,760.98	128,129.88	62,277.23	40,642.56	7,313.91	280,820.24
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	10,099,380.53	10,049,512.88	10,030,333.00	9,971,692.05	9,961,050.08	9,963,193.23	10,042,170.43	10,163,895.20	10,265,656.18	10,393,786.06	10,456,063.29	10,496,705.85	10,504,019.76	
3 Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2)/2 * .0023		23,171.23	23,091.82	23,002.33	22,922.65	22,912.88	23,006.17	23,236.98	23,493.98	23,758.36	23,977.33	24,095.68	24,150.83	
4 Retirements		(109,277.71)	(68,508.93)	(94,912.23)	(74,953.38)	(140,675.89)	(70,944.49)	(36,285.53)	(110,251.58)	(78,614.17)	(161,514.97)	(140,736.90)	(134,219.31)	
5 Cost of Removal and Salvage		66,632.90	32,403.02	33,119.45	39,140.38	84,687.37	47,017.30	0.01	70,803.48	51,416.82	107,960.93	63,713.17	88,522.30	
6 Less: Accum. Depr. COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)		(131,588.13)	(151,061.71)	(164,075.80)	(202,866.25)	(215,756.60)	(248,832.24)	(249,753.26)	(262,801.80)	(278,755.92)	(282,194.91)	(311,771.62)	(364,699.67)	(386,245.85)
7 Net Plant In Service (CM Ln 2 - CM Ln 6)	10,230,968.66	10,200,574.59	10,194,408.80	10,174,558.30	10,176,806.68	10,212,025.47	10,291,923.69	10,426,697.00	10,544,412.10	10,675,980.97	10,767,834.91	10,861,405.52	10,890,265.61	1,414,433.38
8 Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 CWIP Balance (PM Ln 9 + CM Ln 8)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10 Inventory	2,251,305.76	2,302,640.32	2,317,292.24	2,333,677.68	2,283,423.42	2,238,737.65	2,204,126.23	2,040,840.30	1,941,104.76	1,858,996.86	1,738,088.19	1,651,859.93	1,611,710.27	
11 Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	12,482,274.42	12,503,214.91	12,511,701.04	12,508,235.98	12,460,230.10	12,450,763.12	12,496,049.92	12,467,337.30	12,485,516.86	12,534,977.83	12,505,923.10	12,513,265.45	12,501,975.88	
12 Average Net Investment (PM Ln 11 + CM Ln 11)/2	12,733,734.48	12,492,744.67	12,507,457.98	12,509,968.51	12,484,233.04	12,455,496.61	12,473,406.52	12,481,693.61	12,476,427.08	12,510,247.35	12,520,450.47	12,509,594.28	12,507,620.67	123,421.08
13 Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14 Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		117,856.55	117,995.36	118,019.04	117,776.25	117,505.16	117,674.12	117,752.29	117,702.61	118,021.67	118,117.93	118,015.51	117,996.89	
15 Property Tax		10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	10,285.09	
16 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		151,312.87	151,372.27	151,306.46	150,983.99	150,703.13	150,965.38	151,274.36	151,481.68	152,065.12	152,380.35	152,396.28	152,432.81	1,818,674.70

Notes:
(A) Energy Select Property Additions Depreciated at 2.8% per year
(B) Return on Average Net Investment (including income taxes) is 11.3210%

Florida Public Service Commission
 Docket No. 100002-EG
 GULF POWER COMPANY
 Witness: John N. Floyd
 Exhibit No. _____ (JNF-1)
 Schedule CT-4
 Page 1 of 3

GULF POWER COMPANY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Flow Meter
For the Period: January, 2009 Through December, 2009

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Investments Added to Plant In Service (Net of Retirements)														
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
3	Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2)/2 * .011905		96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	1,156.20
4	Retirements														
5	Salvage														
6	Less: Accum. Depr. COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	4,624.83	4,721.18	4,817.53	4,913.88	5,010.23	5,106.58	5,202.93	5,299.28	5,395.63	5,491.98	5,588.33	5,684.68	5,781.03	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	3,468.73	3,372.38	3,276.03	3,179.68	3,083.33	2,986.98	2,890.63	2,794.28	2,697.93	2,601.58	2,505.23	2,408.88	2,312.53	
8	Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	CWIP Balance (PM Ln 9 + CM Ln 8)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	3,468.73	3,372.38	3,276.03	3,179.68	3,083.33	2,986.98	2,890.63	2,794.28	2,697.93	2,601.58	2,505.23	2,408.88	2,312.53	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2	0.00	3,420.56	3,324.21	3,227.86	3,131.51	3,035.16	2,938.81	2,842.46	2,746.11	2,649.76	2,553.41	2,457.06	2,360.71	
13	Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		32.27	31.36	30.45	29.54	28.63	27.72	26.82	25.91	25.00	24.09	23.18	22.27	327.24
15	Property Tax		4.79	4.79	4.79	4.79	4.79	4.79	4.79	4.79	4.79	4.79	4.79	4.77	57.46
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		133.41	132.50	131.59	130.68	129.77	128.86	127.96	127.05	126.14	125.23	124.32	123.39	1,540.90

Notes:
(A) Flow Meter is Seven year Property 14.286% per year
(B) Return on Average Net Investment (including income taxes) is 11.3210%

Florida Public Service Commission
 Docket No. 100002-EG
 GULF POWER COMPANY
 Witness: John N. Floyd
 Exhibit No. _____ (JNF-1)
 Schedule CT-4
 Page 2 of 3

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN
Residential Energy Survey Displays
For the Period: January, 2009 Through December, 2009

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant in Service (Net of Retirements)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,814.79	(0.30)	(0.12)	
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,814.79	13,814.49	13,814.37	
3 Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2)/2 * .011905		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Retirements		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5 Salvage														
6 Less: Accum. Depr. COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7 Net Plant in Service (CM Ln 2 - CM Ln 6)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,814.79	13,814.49	13,814.37	
8 Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	536.32	(536.32)	0.00	0.00	
9 CWIP Balance (PM Ln 9 + CM Ln 8)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	536.32	(0.00)	(0.00)	(0.00)	
10 Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11 Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	536.32	13,814.79	13,814.49	13,814.37	
12 Average Net Investment (PM Ln 11 + CM Ln 11)/2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268.16	7,175.56	13,814.64	13,814.43	
13 Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14 Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	67.69	130.33	130.33	330.88
15 Property Tax		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	67.69	130.33	130.33	330.88

Notes:

- (A) Residential Energy Survey Display is Seven year Property 14.266% per year
(B) Return on Average Net Investment (including income taxes) is 11.3210%

Florida Public Service Commission
Docket No. 100002-EG
Gulf Power Company
Witness: John N. Floyd
Exhibit No. _____ (JNF-1)
Schedule CT-5
Page 1 of 1

GULF POWER COMPANY

Reconciliation and Explanation of
Differences Between Filing and FPSC Audit
Report for Months, January, 2008 through December, 2008

(If no differences exist, please state.)

NO DIFFERENCES

Program Description and Progress

Program Title: Residential Energy Survey

Program Description: This program offers existing residential customers, and individuals and contractors building new homes, energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. Owners of existing homes may choose to have a Gulf Power representative conduct an on-site survey of their home, or they may opt to participate in either a mail-in or on-line interactive version of the survey known as the "Energy Check Up." Qualifying new home owners and contractors may request a pre-construction survey of their final construction plans. Regardless of the options chosen, these surveys provide customers with specific whole-house recommendations.

Program Accomplishments: Overall, 7,710 residential energy surveys were completed compared to 5,600 projected surveys, a difference of 2,110 surveys over projection. There were 1,000 more Walk-Through surveys, 655 more Internet/Mail-in surveys and 455 more Pre-construction surveys than projected.

Program Fiscal Expenditures: Actual expenses were \$1,310,732 with projected expenses of \$1,226,602 resulting in a variance of \$84,130 more than the projection. The additional expenses are due to more labor required for the increased number of surveys and an inaccurate re-projection of advertising expenses. The actual 2009 advertising expenses were \$8,443 less than the amount originally forecast in the September 12, 2008 projection filing. However, due to an inaccurate assumption, a lower amount was re-projected in the September 11, 2009 filing.

Program Progress Summary: Since the approval of this program, Gulf has performed 164,502 residential energy surveys. This is a result of Gulf's promotional campaign to solicit energy surveys as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

Program Description and Progress

Program Title: Residential Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of geothermal heating and cooling systems.

Program Accomplishments: There were 72 units installed compared to 200 units projected by year end, a difference of 128 units under projection.

Program Fiscal Expenditures: Actual expenses for the period were \$182,196. Projected expenses were \$242,133 resulting in a variance of \$59,937 under the projection.

Program Progress Summary: Education and training of HVAC dealers and building contractors continue as vital components of this program. Since the inception, 2,498 geothermal systems have been installed.

Program Description and Progress

Program Title: Energy Select

Program Description: The Energy Select program is designed to increase the efficiency of energy consumption on Gulf Power's system. The program is an interactive energy management system that allows residential customers to program their central heating and cooling system, electric water heater and pool pump to automatically respond to varying prices of electricity depending upon the time of day, day of week and season. These prices are in relation to the Company's cost of producing or purchasing energy. Energy Select consists of three elements - a custom-designed programmable thermostat, a Residential Service Variable Pricing (RSVP) rate featuring four different prices for electricity and a communications gateway that facilitates two-way communication between the utility and the customer's home.

With this program, customers can save money by programming the largest portion of their energy purchases to occur in the lower price periods, while providing peak demand reduction benefits during the high and critical peak price periods.

Program Accomplishments: There was a net increase of 234 units during the reporting period compared to 100 net additions projected by year end for a difference of 134 units over the projection.

Program Fiscal Expenditures: There were actual expenses of \$6,368,177 compared to projected net expenses of \$6,922,585. The lower costs of \$554,408 is primarily due to less materials expense.

Program Progress Summary: As of December, 2009, there are 8,950 participating customers.

Program Description and Progress

Program Title: Commercial/Industrial Energy Analysis

Program Description: This program is designed to provide professional advice to our existing commercial and industrial customers on how to reduce, and make the most efficient use of their energy consumption. This program covers from the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large energy intensive customers. The program is designed to include semi-annual and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Accomplishments: In 2009, 588 commercial energy surveys were completed compared to 550 projected surveys, a difference of 38 surveys over projection.

Program Fiscal Expenditures: Actual expenses were \$604,901 for the period compared to projected expenses of \$674,018. The resulting variance is \$69,117 under projection.

Program Progress Summary: A total of 19,397 E.A./T.A.A.'s have been completed since the program started in 1981. These audits have ranged from the basic walk-through type for some commercial customers to sophisticated technical assistance audits for other commercial and industrial customers.

Program Description and Progress

Program Title: GoodCents Commercial Buildings

Program Description: This program is designed to achieve energy efficient buildings by educating commercial and industrial customers on the most cost-effective methods of designing new and improving existing buildings. The program stresses efficient heating and cooling equipment, improved thermal envelope, operation and maintenance, lighting, cooking and water heating. Field representatives work with architects, engineers, consultants, contractors, equipment suppliers and building owners and occupants to encourage the most efficient use of all energy sources and available technologies.

Program Accomplishments: There were 90 actual buildings certified during the current period compared to 180 projected for a difference of 90 under projection.

Program Fiscal Expenditures: Actual expenses were \$553,023 for the period while projected expenses were \$632,146 resulting in a variance of \$79,123 under the projection.

Program Progress Summary: A total of 9,278 commercial/industrial buildings have qualified for the GoodCents designation since the program was developed in 1977.

Program Description and Progress

Program Title: Commercial Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing commercial/industrial customers through the promotion and installation of geothermal heating and cooling systems.

Program Accomplishments: There were 14 units actually installed compared to 20 units projected by year end, a difference of 6 units under projection.

Program Fiscal Expenditures: Actual expenses were \$81,325 for the recovery period compared to projected expenses of \$138,393 resulting in a difference of \$57,068 under the projection.

Program Progress Summary: To date, 28 units have been installed under this program.

Program Description and Progress

Program Title: Energy Services

Program Description: The Energy Services program is designed to establish the capability and process to offer advanced energy services, and energy efficient end-use equipment that is customized to meet the individual needs of large customers. Potential projects are evaluated on a case by case basis and must be cost effective to qualify for incentives or rebates. The types of projects covered under this program would include demand reduction or efficiency improvement retrofits, such as lighting (fluorescent and incandescent), motor replacements, HVAC retrofit (including geothermal applications), and new electro-technologies.

Program Accomplishments: For the 2009 recovery period, at the meter reductions of 8,018,445 kWh, winter kW of 1,559 and summer kW of 1,561 were achieved. The projected results for this period were at the meter energy reductions of 1,178,470 kWh and at the meter demand reductions of 510 kW winter and 275 kW summer.

Program Fiscal Expenditures: There were actual expenditures of \$24,449, including \$24,000 of incentives, for the 2009 recovery period compared to projected expenses of \$104,971 resulting in a variance of \$80,522 under the projection.

Program Progress Summary: Total reductions at the meter of 22,310,136 kWh, winter kW of 4,685 and summer kW of 6,390 have been achieved since this program was initiated.

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program is designed to encompass a variety of voluntary renewable and green energy programs under development by Gulf Power Company. The voluntary pricing options for customers include, but are not limited to, EarthCents Solar (Photovoltaic Rate Rider) and the Solar for Schools program. Additionally, this program will include expenses necessary to prepare and implement renewable energy initiatives utilizing landfill gas, wind, solar or other renewable energy sources.

Program Accomplishments:

EarthCents Solar (Photovoltaic (PV) Optional Rate Rider):

The PV Rate Rider is an optional rate rider in which customers may purchase photovoltaic energy in 100-watt blocks. The construction of the photovoltaic facility or the purchase of power from photovoltaic facilities will begin upon the attainment of sufficient commitments from all participants across the Southern Company electric system where the option is available and, as necessary, after obtaining PSC approval. As of December, 2009, 53 customers have signed up for 65 100-watt blocks of energy.

Solar for Schools: The principle objective of the Solar for Schools program is to implement solar education and demonstration projects, in conjunction with the Florida Solar Energy Center, at local educational facilities by means of voluntary contributions. The program also seeks to increase renewable energy and energy awareness among students, parents and contributors. Solar for Schools is a program that uses voluntary contributions to fund materials for energy education, permanent demonstration displays, rewards for science contests, and teacher education. Voluntary contributions are solicited from customers interested in renewable energy and/or helping to improve the quality of schools in the Gulf Power Company service area. Funds are collected through a "check-off" mechanism on the utility bill or through a direct contribution and are accumulated in an interest bearing account. When contributions reach an adequate level, they are directed to an educational facility for implementation of various solar educational programs and for the installation of solar equipment. Contributions are not used for administrative costs, program research or for promotion costs.

The Solar for Schools program has enabled Gulf Power to install a 4 kW PV solar system at each of the following institutions: the Junior Museum of Bay County in 2000, Meigs Middle School in Shalimar in 2003, West Florida High School of Advanced Technology in Pensacola in 2003, and Bay County High School in Panama City in 2004.

Renewable Energy Initiative: Gulf continues to evaluate and develop renewable energy sources and offerings. During 2008, Gulf added resources to further evaluate several renewable energy generation options including landfill gas, biomass, municipal solid waste, and solar PV projects. Gulf also continues to evaluate opportunities for demand-side renewable energy programs as part of our renewable initiative.

Program Fiscal Expenditures: Actual expenses for this period were \$264,411 compared to projected expenses of \$430,144 which resulted in a variance of \$165,733 under projection. Actual expenses were as follows: Solar for Schools, \$20; EarthCents Solar, \$11,678; and Renewable Energy initiatives, \$252,713.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

McDonald's Geothermal Project - This is the first full Geothermal HVAC fast food restaurant to be constructed within Gulf Power Company's service area. The objective of this project is to demonstrate the energy and electrical demand benefits of this geothermal restaurant system as compared to other like restaurants operated by the same owner in the same geographic location. Additional benefits of developing a hot water consumption profile for this restaurant will be obtained within this project. Data collection for one year began January, 2008 and a final report should be available by the end of second quarter, 2010.

UWF BEST House - Gulf Power has entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build the BEST (Build Educate Sustain Technology) House. This is a demonstration house that will be used as an educational tool and resource for Northwest Florida.

The BEST House program's intent is to provide a home featuring energy-efficient, sustainable design techniques available to the median homebuilder and buyer of today. The 3,300 square foot, three-bedroom home is a study model featuring passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a geothermal heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products. The most ambitious goal, however, is to make this an off-grid project with photovoltaic panels and a battery array substantial enough

to supply all of the electrical power needed on site with an excess that can be sold.

Gulf Power is acting as the primary Energy Consultant to all end uses and new technologies that will continue to be donated to this project. Gulf Power will pay for the purchase, installation and monitoring of equipment that will provide data on a wide variety of energy and water end uses.

General economic conditions affecting sponsor support and permitting requirements have delayed construction of the BEST House. Construction of the garage/exposition center has been rescheduled to precede the main house to better track the national economic recovery projection. Despite the delays, all participants remain optimistic and enthusiastic about the completion and potential contributions of the BEST House.

Electrode Boiler - This project will measure overall energy performance and verify operation of a new 3.4mW Electrode Boiler and two new 200HP natural gas boilers which produce steam for the Escambia County Jail. The Electrode Boiler is an emerging technology that has the potential, coupled with a time varying rate such as RTP, to produce steam very efficiently.

After a number of delays since its inception in 2005, the Electrode Boiler CDD Project was installed and made ready for operation in 2007. For various reasons, including newness of the technology, relative costs of electricity and natural gas, operator proficiency, etc., the County has not yet operated the boiler for any extended period of time. A final report on this project will be submitted by the end of second quarter, 2010.

Variable-Speed Pool Pump - Two residential pool pumping configurations will be monitored and data gathered to determine and compare the kW and kWh consumption of the existing, conventional pumps, relative to the more technologically advanced and energy-efficient variable-speed pumping technology. This data will be gathered for both pumps under normal, but varied, operational scenarios such as long-term water filtration and short-term pool maintenance.

Monitoring of the conventional pumps began July, 2009, and monitoring of the variable-speed pumps began October, 2009. To date, monitoring results indicate significant kWh reduction potential and even larger kW reduction potential. A final report should be available by the end of first quarter, 2011.

Program Fiscal Expenditures: Actual expenses for this period were \$67,571 compared to projected expenses of \$202,629 which resulted in a difference of \$135,058 under projection. Project expenses were as follows: Electrode Boiler, \$0; McDonald's Geothermal, \$0; UWF BEST House, \$45,342; Variable Speed Pool Pump, \$22,229.

Program Description and Progress

Program Title: Solar Thermal Water Heating Pilot Program

Program Description: Approved in December 2008, Gulf Power's one-year Solar Thermal Water Heating Pilot Program was designed to gauge utility customer interest in, and acceptance of, the technology, as well as determine what economic incentives may be most effective in increasing the public's willingness to install the technology in their homes. Gulf offered a \$1,000 rebate payable to customers after a qualifying system was installed by the customer and inspected by Company personnel. The program also included a demonstration of the solar thermal water heating technology in a low-income multi-family application.

Program Accomplishments:

Program Participation: Through December 2009, 91 Gulf Power Residential customers applied for rebates for installation of qualifying Solar Thermal Water Heating Systems, and over 300 additional customers inquired about the technology but did not participate in the program. Three additional qualifying applications were processed during the first quarter of 2010 for a total of 94 participating customers. Gulf had projected a total of 75 participants would receive the program rebate by the end of the one-year pilot.

System Installation Costs: Several different system types were installed under the program by nine different contractors with system costs ranging from \$3,761 to \$8,940. The average installed system cost was \$5,830.

Monitoring and Evaluation: Through participant surveys, Gulf validated that the incentive program had a direct impact on the deployment of these systems in our area. More than 85% of participating customers would not have installed their systems without the Gulf Power incentive. However, 75% of the participating customers indicated that they would have installed their systems at a slightly lower incentive level. Gulf also conducted a focus group study of non-participating customers. This research indicated that the initial cost of installing a solar thermal system was the primary reason they chose not to install the technology.

To aid in evaluating the potential impact of solar thermal water heating systems on peak demand, Gulf installed load research meters on the homes of customers participating in the solar thermal pilot program. However, there were a very limited number of customers that installed their solar thermal systems prior to the summer peak demand period. Due to the limited number of customers and the time constraint of the pilot program, the results of the analyses were inconclusive. Gulf recommends that future research be done with end-use metering on solar thermal and standard water heating equipment, as well as whole-premise metering.

Additional data collection is ongoing and will be used along with customer billing data over time to aid in validating estimates of energy reductions associated with solar thermal water heating.

Promotion and Advertising: Several forms of media were used to promote the pilot program and raise customer awareness of Solar Water Heating technology. These media forms included internet, bill inserts, National Public Radio ads, and daily newspaper ads in publications across Gulf Power's service area. Program brochures were also developed to aid in promoting the program as well as assist customers with guidelines for successful system installations.

Low-Income Housing Project: Gulf Power proposed to demonstrate solar thermal water heating in a low-income multi-family application at an estimated cost of \$375,000. Gulf Power worked with a low-income housing development to facilitate the installation of solar water heating systems in this type of application. However, due the limited timing of the pilot program, this project could not be demonstrated as originally proposed.

Program Fiscal Expenditures: There were actual expenditures of \$141,921 for the 2009 recovery period compared to projected expenses of \$271,282 resulting in a variance of \$129,361 under the projection.

Program Description and Progress

Program Title: Energy Education Pilot Program

Program Description: The objective of the Energy Education program is to raise awareness of energy efficiency and conservation and to increase participation in conservation opportunities, including Gulf's existing and future energy efficiency and conservation programs. The Program consists of four components:

1. Consumer Awareness
2. School-Based Education
 - a. Science Teacher Training
 - b. Eighth Grade Instructional Assistance
3. Community-Based Education
4. Contractor Education

Program Accomplishments:

Consumer Awareness

The Consumer Awareness Campaign provided general energy efficiency and conservation messages and supplemented existing Gulf advertising for conservation programs by associating all programs and services with a common over-arching energy conservation message in order to maintain high customer awareness of the benefits of energy efficiency efforts, and to increase personal action in regards to efficiency. Overall, traditional media - television, billboard, radio, print, and online - have been used in addition to other venues including customer home energy makeovers in partnership with local TV stations and vendors; energy tip of the day opportunities; and shopping mall energy expos to increase energy efficiency awareness.

Non-traditional consumer awareness strategy included partnerships with local ABC and NBC affiliates, National Public Radio station and National Public Broadcasting Service TV station, as well as shopping malls and community organizations. The objective of these partnerships was to supplement traditional advertising pieces by providing details about energy efficiency and conservation using Gulf Power employees and local well-known broadcast personnel in a wide range of venues. Examples include:

- Through a Gulf Power partnership with the local ABC TV affiliate and several trade allies, a homeowner who had recently participated in the Energy Survey program was selected to receive an Energy Saver Home Makeover.

Based on the recommendations of the energy survey, a number of energy efficiency measures were donated and installed including a new 15 SEER heat pump HVAC, duct work improvements, additional attic insulation, new high efficiency windows and a new water heater. The makeover was documented on-air and on-line where the projected energy savings associated with the improvements were highlighted.

- Featured guest spots (Eco-minutes, Green Tips, Money-Saver Fridays, etc.) during regular programming for about 15 weeks on topics such as proper thermostat settings, phantom energy use, energy efficiency tips for renters, insulating your home, saving energy at work, how to check your energy use. Some of these were live interviews while others were taped sessions that could be aired multiple times.
- Features during prime newscasts on energy saving topics.
- Prominent placement on local media Websites, most often associated with weather pages, for Gulf Power energy saving advice.
- Tie-in with daily weather reports.
- Online blogs with energy advice.
- Educational messages targeted to children during Saturday morning cartoon programming, including promotion of contests.
- Distribution by partners of Gulf Power energy saving information during community events, including live broadcast of tips. Events included Earth Day events, regular weekly festivals, and Homebuilder expos.
- Exhibit for a Green Energy expo at a shopping mall (averaging 25,000 consumers on a summer Saturday) during which Gulf Power employees provided energy saving advice and program information.

Unlike other advertising targeted to specific consumer groups, the Energy Education campaign needed to reach the entire customer base in a short time period. Overall, the

awareness campaign generated approximately 100,366,000 energy education advertising impressions on traditional venues such as online, radio, TV, outdoor billboards and newsprint within the Gulf Power service territory, as well as the exposure through non-traditional efforts. Traditional media placement accounted for about 70 percent of the Consumer Awareness budget, with TV placement accounting for more than two-thirds of those costs.

School-Based Education

The School-based Education component is a training program for middle school science teachers, as well as a resource for support materials to augment the teachers' energy-related lesson plans. Gulf partnered with the non-profit National Energy Education Development (NEED) Project to provide teacher training and student materials customized to specific school and district needs in carrying out the Florida Department of Education's Sunshine State Standards for Science.

Classroom: During the spring of 2009, Gulf Power employees demonstrated hands-on activities and energy concepts to more than 3,300 middle school students at 13 schools throughout Northwest Florida (about one-third of total middle schools served by Gulf Power) during energy "expos" in the spring. As a result of this program exposure, school districts have adopted the materials as part of the energy curriculum for the 2009-2010 school year in almost 50 middle schools served by Gulf Power. Gulf Power provided 116 middle school science teachers with NEED teacher and student guidebooks and activities in more than six different energy-related subjects ranging from energy sources to energy conservation and school energy management. At the same time, 123 energy conservation and 123 solar energy hands-on learning kits were provided for use with the energy curriculum. Gulf Power also has the same kits and curriculum materials available for demonstration and presentations at schools or for use by teachers or student groups such as Scout troops and 4-H clubs.

Teacher: During the summer of 2009, Gulf Power provided two one-day teacher workshops in conjunction with NEED instructors. Almost 50 middle school science teachers and district curriculum coordinators participated to earn continuing education credits. Teacher evaluations of the energy-related curriculum and materials were exceptionally high, and additional teacher workshops have been requested. However, the majority of teachers preferred that Gulf Power provide more classroom materials - both lesson plans and

hands-on science of energy activities - rather than training for teachers, so program funds were shifted, and teacher training was provided through Gulf Power resources in conjunction with the teachers who completed initial training courses.

Summer camp: Gulf Power partnered with universities, community colleges, public schools and workforce development agencies to offer seven intensive energy awareness camps throughout Northwest Florida during the summer of 2009. These camps ranged from five days to half-day sessions and gave in-depth, fun instruction in energy and conservation to more than 130 middle school and high school age children, including two camps for students from low-income families. Students learned about energy sources and created their own renewable energy sources, while learning to weatherize houses and create science projects about energy efficiency and conservation.

Community-Based Education

Gulf Power employees have increased energy awareness exposure in the communities we serve by doubling participation at events and meetings using energy efficiency and conservation educational displays and presentations. An energy conservation display booth as well as presentations and handouts were created that focused on energy use and ways to conserve energy. Examples of exposure include: Building Industry Association Home Show (3,000 attendees); Earth Day events at colleges and military bases (average 400 attendees per day); civic clubs and school presentations, among others. More than 50 Gulf Power employees participated as part of a speaker's bureau trained to share energy efficiency and conservation as well as renewable energy advice.

Contractor Education

Gulf Power provided two one-day workshops for 58 contractors and vendors that covered the five critical aspects of building an energy efficient home - framing, electrical/plumbing, air sealing, insulation, and HVAC. All Gulf Power Marketing representatives also completed the training. The workshops were "sold out", and course materials have been supplied to other contractors throughout the year. Despite the poor economic outlook and record low new-home construction, two builders committed to high energy efficient home construction, and are promoting Gulf Power higher efficiency standards. The first high efficiency performance certified subdivision was announced this year.

Monitoring and Evaluation

Gulf conducted an initial survey of 300 customers in April 2009 to determine a baseline of consumer awareness of energy efficiency and conservation, and followed up with two additional surveys of 300 customers, with the last one conducted in October 2009.

Gulf Power customers surveyed in each wave of the research have high awareness of the benefits of energy efficiency, including helping the environment, decreasing their utility bills and improving the comfort of their homes. However, all groups surveyed were less familiar with specific Gulf Power conservation programs and energy efficiency actions or behaviors with the exception of two programs, Energy Select and In-Home Energy Audits. While overall awareness of energy efficiency actions and programs remained low throughout the year, consumers reported increased awareness of energy-saving tips featured in Gulf Power's Consumer Awareness campaign. In fact, awareness of:

- how to reduce water heating costs tripled;
- how to reduce phantom energy use doubled;
- correct summer thermostat settings almost doubled.

Program Fiscal Expenditures: There were actual expenditures of \$977,491 for the 2009 recovery period compared to projected expenses of \$1,010,000 resulting in a difference of \$32,509 under the projection.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**ENERGY CONSERVATION COST RECOVERY
CLAUSE**

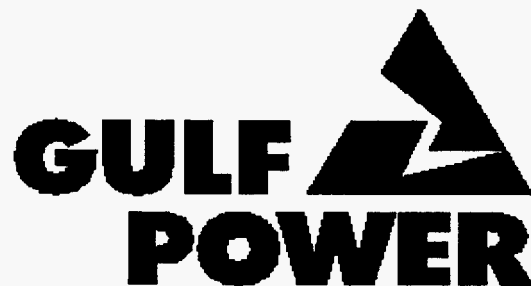
DOCKET NO. 100002-EG

**PREPARED DIRECT TESTIMONY AND
EXHIBIT OF
JENNIFER L. TODD**

**PROJECTION
JANUARY– DECEMBER 2011**

**ESTIMATED/ACTUAL TRUE-UP
JANUARY-DECEMBER 2010**

SEPTEMBER 16, 2010



A SOUTHERN COMPANY

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG **EXHIBIT 5**

PARTY GULF POWER COMPANY (DIRECT)

DESCRIPTION JENNIFER L. TODD (JLT-1)

DATE 11/01/10

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
INDEX OF SCHEDULES

Schedule Number	Title	Pages
<u>Scenario A*</u>		
C-1(A)	Summary of Cost Recovery Clause Calculation	1-3
C-2(A)	Projected Program Costs for January 2011 - December 2011	4-11
C-3(A)	Conservation Program Costs for January 2010 - July 2010 Actual August 2010 - December 2010 Estimated	12-21
C-4(A)	Calculation of Conservation Revenues	22
C-5(A)	Program Descriptions and Progress Reports	23-58
<u>Scenario B**</u>		
C-1(B)	Summary of Cost Recovery Clause Calculation	59-61
C-2(B)	Projected Program Costs for January 2011 - December 2011	62-68
C-3(B)	Conservation Program Costs for January 2010 - July 2010 Actual August 2010 - December 2010 Estimated	69-76
C-4(B)	Calculation of Conservation Revenues	77
C-5(B)	Program Descriptions and Progress Reports	78-93

*Scenario A assumes that Gulf Power will implement programs contained in our DSM Plan (Docket 100154-EG-EG) currently before the Commission for approval.

**Scenario B assumes that Gulf Power will continue to implement programs that exist in our current, approved DSM plan.

GULF POWER COMPANY

ENERGY CONSERVATION CLAUSE

SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION

For the Period: January, 2011 Through December, 2011

		\$
1.	Net Program Costs: Projected for 2011 (Schedule C-2(A) Page 1 of 8, Line 28)	21,714,621
2.	True Up: Estimated 2010 (Jan-Jul Actual; Aug-Dec Est.) (Schedule C-3(A), Page 3 of 8)	(1,512,465)
3.	Total (Line 1 + Line 2)	20,202,156
4.	Cost Subject to Revenue Taxes	20,202,156
5.	Revenue Tax	1.00072
6.	Total Recoverable Cost	20,216,702

Program costs are split in proportion to the current period split of demand-related and energy-related costs, see below. The allocation of projected ECCR costs between demand and energy is shown on schedule C-2(A), page 2 of 8, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

7.	Total Cost	20,216,702
8.	Energy Related Costs	16,954,797
9.	Demand Related Costs (total)	3,261,905
10.	Demand Costs Allocated on 12 CP	3,010,989
11.	Demand Costs Allocated on 1/13 th	250,916

		Demand \$ Half of				Total Recoverable Costs Including Revenue Taxes
	Energy \$	Energy Select	Total	Energy	Demand	
	\$	\$	\$	\$	\$	\$
12. Est/Actual 2010	8,455,931	3,597,714	12,053,645	(1,061,758)	(451,796)	(1,513,554)
13. Percentage	70.15%	29.85%	100.00%			
14. Projected 2011	18,002,685	3,711,937	21,714,621	18,016,555	3,713,701	21,730,256
15. Percentage	82.91%	17.09%	100.00%			
16. Total				16,954,797	3,261,905	20,216,702

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2011 Through December, 2011

Rate Class	A	B	C	D	E	F	G	H	I
	Average 12 CP Load Factor at Meter	Jan - Dec 2011 Projected KWH Sales at Meter	Projected Avg 12 CP KW at Meter	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Jan - Dec 2011 Projected KWH Sales at Generation	Projected Avg 12 CP KW at Generation	Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation
RS, RSVP	57.312955%	5,239,716,000	1,043,640.30	1.00486476	1.00530097	5,267,491,577	1,048,717.36	47.10606%	55.89480%
GS	63.216034%	296,919,000	53,617.51	1.00485887	1.00529775	298,492,003	53,878.03	2.66935%	2.87160%
GSD, GSDT, GSTOU	73.903822%	2,046,139,000	316,056.06	1.00470565	1.00516604	2,056,709,436	317,543.31	18.39271%	16.92450%
LP, LPT	84.021171%	2,365,807,000	321,430.05	0.98422595	0.98911989	2,340,066,760	316,359.80	20.92672%	16.86142%
PX, PXT, RTP, SBS	94.359108%	1,086,020,000	131,386.24	0.97443817	0.98057253	1,064,921,379	128,027.77	9.52337%	6.82366%
OS - I / II	178.491660%	116,194,000	7,431.25	1.00468934	1.00529485	116,809,230	7,466.10	1.04460%	0.39793%
OS-III	101.451511%	37,508,000	4,220.47	1.00511513	1.00526827	37,705,602	4,242.06	0.33719%	0.22609%
TOTAL		<u>11,188,303,000</u>	<u>1,877,781.88</u>			<u>11,182,195,987</u>	<u>1,876,234.43</u>	<u>100.00000%</u>	<u>100.00000%</u>

Notes:

Col A = Average 12 CP load factor based on actual 2009 load research data.
Col C = Col B / (8760 hours x Col A), 8,760 is the number of hours in 12 months.
Col F = Col B x Col E
Col G = Col C x Col D
Col H = Col F / Total Col F
Col I = Col G / Total Col G

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2011 Through December, 2011

Rate Class	A Jan - Dec 2011 Percentage of KWH Sales at Generation	B Percentage of 12 CP KW Demand at Generation	C Demand Allocation 12CP	D 1/13 th	E Energy Allocation	F Total Conservation Costs	G Jan - Dec 2011 Projected KWH Sales at Meter	H Conservation Recovery Factor cents per KWH
RS, RSVP	47.10606%	55.89480%	\$1,682,984	\$118,197	\$7,986,736	\$9,787,917	5,239,716,000	0.187
GS	2.66935%	2.87160%	86,464	6,698	452,583	545,745	296,919,000	0.184
GSD, GSDT, GSTOU	18.39271%	16.92450%	509,595	46,150	3,118,447	3,674,192	2,046,139,000	0.180
LP, LPT	20.92672%	16.86142%	507,696	52,508	3,548,083	4,108,287	2,365,807,000	0.174
PX, PXT, RTP, SBS	9.52337%	6.82366%	205,460	23,896	1,614,668	1,844,024	1,086,020,000	0.170
OS - I / II	1.04460%	0.39793%	11,982	2,621	177,110	191,713	116,194,000	0.165
OS-III	0.33719%	0.22609%	6,808	846	57,170	64,824	37,508,000	0.173
TOTAL	100.00000%	100.00000%	\$3,010,989	\$250,916	\$16,954,797	\$20,216,702	11,188,303,000	

Notes:

- A Obtained from Schedule C-1(A), page 2 of 3, col H
- B Obtained from Schedule C-1(A), page 2 of 3, col I
- C Total from C-1(A), page 1, line 10 * col B
- D Total from C-1(A), page 1, line 11 * col A
- E Total from C-1(A), page 1, line 8 * col A
- F Total Conservation Costs
- G Projected kwh sales for the period January 2011 through December 2011
- H Col F / G

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM NET COSTS
For the Period: January, 2011 Through December, 2011

Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Residential Conservation Programs:									
1. Residential Energy Audit and Education	17,611	2,055,127	1,379,707	0	1,111,071	0	4,563,516	0	4,563,516
2. Community Energy Saver	0	30,998	656,865	0	0	0	687,863	0	687,863
3. Landlord-Renter Custom	0	49,596	69,578	0	0	0	119,174	0	119,174
4. HVAC Efficiency	0	493,515	1,295,482	0	80,000	1,498,900	3,367,897	0	3,367,897
5. Heat Pump Water Heater	0	165,324	65,089	0	20,000	210,000	460,413	0	460,413
6. Ceiling Insulation	0	68,609	27,012	0	10,000	60,000	165,621	0	165,621
7. High Performance Window	0	196,735	77,457	0	10,000	55,200	339,392	0	339,392
8. Reflective Roof	0	81,008	31,894	0	10,000	80,000	202,902	0	202,902
9. Variable Speed Pool Pump	0	53,731	21,154	0	10,000	90,000	174,885	0	174,885
10. Energy Select	2,034,704	1,081,384	4,280,812	0	375,000	0	7,771,900	945,888	6,826,012
11. Energy Select Lite	20,832	127,029	450,000	0	0	0	597,861	0	597,861
12. Self-Install Energy Efficiency	0	70,511	149,784	0	25,000	470,000	715,295	0	715,295
13. Refrigerator Recycling	0	39,264	266,395	0	20,000	105,000	430,659	0	430,659
Subtotal	2,073,147	4,512,831	8,771,229	0	1,671,071	2,569,100	19,597,378	945,888	18,651,490
Commercial / Industrial Conservation Programs:									
14. Commercial / Industrial Audit	0	675,141	250,742	0	123,452	0	1,049,335	0	1,049,335
15. HVAC Retrocommissioning	0	62,162	72,167	0	20,000	120,000	274,329	0	274,329
16. Commercial Building Efficiency	0	100,246	33,973	0	60,000	294,873	489,092	0	489,092
17. HVAC Occupancy Sensor	0	2,612	909	0	10,000	11,250	24,771	0	24,771
18. High Efficiency Motors	0	13,607	5,357	0	10,000	23,450	52,414	0	52,414
19. Food Services	0	16,069	5,351	0	15,000	7,350	43,770	0	43,770
20. Commercial / Industrial Custom Incentive	0	628	247	0	0	100,000	100,875	0	100,875
Subtotal	0	870,465	368,746	0	238,452	556,923	2,034,586	0	2,034,586
Renewable Energy Plan:									
21. Solar for Schools	18,546	25,200	2,800	0	0	0	46,546	0	46,546
22. Solar Thermal Water Heating	0	18,000	2,000	0	0	100,000	120,000	0	120,000
23. Solar PV	0	78,300	8,700	0	0	435,000	522,000	0	522,000
24. Solar Thermal Water Heating for Low-Income	0	13,500	1,500	0	0	75,000	90,000	0	90,000
Subtotal	18,546	135,000	15,000	0	0	610,000	778,546	0	778,546
25. Conservation Demonstration and Development	0	82,885	167,115	0	0	0	250,000	0	250,000
26. Total All Programs	2,091,693	5,601,181	9,322,090	0	1,909,523	3,736,023	22,660,509	945,888	21,714,621
27. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
28. Net Program Costs	2,091,693	5,601,181	9,322,090	0	1,909,523	3,736,023	22,660,509	945,888	21,714,621

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)
For the Period: January, 2011 Through December, 2011

Programs

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	12 MONTH TOTAL	DEMAND COSTS	ENERGY COSTS
Residential Conservation Programs:															
1. Residential Energy Audit and Education	358,484	358,084	363,242	383,557	367,485	364,046	451,648	365,548	363,569	367,288	370,724	449,840	4,563,516		4,563,516
2. Community Energy Saver	57,062	57,062	57,130	57,134	57,134	57,135	58,333	57,135	57,135	57,135	57,135	58,333	687,863		687,863
3. Landlord-Renter Custom	9,515	9,515	9,624	9,630	9,630	9,632	11,549	9,632	9,632	9,632	9,632	11,551	119,174		119,174
4. HVAC Efficiency	276,517	276,517	277,602	277,661	277,661	277,686	296,758	277,686	277,686	277,686	277,686	296,751	3,367,897		3,367,897
5. Heat Pump Water Heater	36,981	36,981	37,344	37,364	37,364	37,372	43,761	37,372	37,372	37,372	37,372	43,758	460,413		460,413
6. Ceiling Insulation	13,226	13,226	13,377	13,385	13,385	13,388	16,040	13,388	13,388	13,388	13,388	16,042	165,621		165,621
7. High Performance Window	26,632	26,632	27,064	27,088	27,088	27,098	34,701	27,098	27,098	27,098	27,098	34,697	339,392		339,392
8. Reflective Roof	16,229	16,229	16,407	16,417	16,417	16,421	19,551	16,421	16,421	16,421	16,421	19,547	202,902		202,902
9. Variable Speed Pool Pump	14,123	14,123	14,241	14,247	14,247	14,250	16,326	14,250	14,250	14,250	14,250	16,328	174,885		174,885
10. Energy Select	535,877	541,700	537,903	538,339	552,151	657,936	601,782	558,975	572,960	537,697	557,482	633,210	6,826,012	3,413,006	3,413,006
11. Energy Select Lite	47,111	47,339	47,844	48,109	48,413	48,780	54,090	49,595	49,985	50,314	50,584	55,697	597,861	298,931	298,931
12. Self-Install Energy Efficiency	59,016	59,016	59,171	59,180	59,180	59,183	61,908	59,183	59,183	59,183	59,183	61,909	715,295		715,295
13. Refrigerator Recycling	35,559	35,559	35,646	35,651	35,651	35,653	37,170	35,653	35,653	35,653	35,653	37,158	430,659		430,659
Subtotal	1,486,332	1,491,983	1,496,595	1,517,762	1,515,806	1,618,580	1,703,617	1,521,936	1,534,332	1,503,117	1,526,608	1,734,821	18,651,490	3,711,937	14,939,553
Commercial / Industrial Conservation Programs:															
14. Commercial / Industrial Audit	76,207	76,038	79,749	78,196	84,432	79,440	105,470	79,202	78,996	80,445	89,413	141,747	1,049,335		1,049,335
15. HVAC Retrocommissioning	22,340	22,340	22,476	22,484	22,484	22,487	24,889	22,487	22,487	22,487	22,487	24,881	274,329		274,329
16. Commercial Building Efficiency	39,917	39,917	40,137	40,149	40,149	40,154	44,028	40,154	40,154	40,154	40,154	44,025	489,092		489,092
17. HVAC Occupancy Sensor	2043	2043	2048	2049	2049	2049	2150	2049	2049	2049	2049	2144	24,771		24,771
18. High Efficiency Motors	4,253	4,253	4,283	4,284	4,284	4,285	4,811	4,285	4,285	4,285	4,285	4,821	52,414		52,414
19. Food Services	3,513	3,513	3,549	3,550	3,550	3,551	4,172	3,551	3,551	3,551	3,551	4,168	43,770		43,770
20. Commercial / Industrial Custom Incentive	8,401	8,401	8,402	8,403	8,403	8,403	8,427	8,403	8,403	8,403	8,403	8,423	100,875		100,875
Subtotal	156,674	156,505	160,644	159,115	165,351	160,369	193,947	160,131	159,925	161,374	170,342	230,209	2,034,586	0	2,034,586
Renewable Energy Plan:															
21. Solar for Schools	2,122	2,122	2,177	2,400	3,392	3,385	4,572	4,581	4,567	4,772	5,749	6,707	46,546		46,546
22. Solar Thermal Water Heating	9,849	9,849	9,889	9,891	9,891	9,892	10,587	9,892	9,892	9,892	9,892	10,584	120,000		120,000
23. Solar PV	42,843	42,843	43,015	43,024	43,024	43,028	46,054	43,028	43,028	43,028	43,028	46,057	522,000		522,000
24. Solar Thermal Water Heating for Low-Income	7,387	7,387	7,416	7,418	7,418	7,419	7,940	7,419	7,419	7,419	7,419	7,939	90,000		90,000
Subtotal	62,201	62,201	62,497	62,733	63,725	63,724	69,153	64,920	64,906	65,111	66,088	71,287	778,546	0	778,546
25. Conservation Demonstration and Development	20,138	20,138	20,320	20,330	20,330	20,334	23,537	20,334	20,334	20,334	20,334	23,537	250,000		250,000
26. Total All Programs	1,725,345	1,730,827	1,740,056	1,759,940	1,765,212	1,863,007	1,990,254	1,787,321	1,779,497	1,749,936	1,783,372	2,059,854	21,714,621	3,711,937	18,002,685
27. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28. Net Program Costs	1,725,345	1,730,827	1,740,056	1,759,940	1,765,212	1,863,007	1,990,254	1,787,321	1,779,497	1,749,936	1,783,372	2,059,854	21,714,621	3,711,937	18,002,685

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Flow Meter
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant in Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	
3.	Depreciation Expense (A)		96	96	96	96	96	96	96	96	96	96	96	96	1,152
4.	Cumulative Plant in Service Additions	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	
5.	Less: Accumulated Depreciation	6,937	7,033	7,129	7,225	7,321	7,417	7,513	7,609	7,705	7,801	7,897	7,993	8,089	
6.	Net Plant in Service (Line 4 - 5)	1,157	1,061	965	869	773	677	581	485	389	293	197	101	5	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	1,157	1,061	965	869	773	677	581	485	389	293	197	101	5	
11.	Average Net Investment		1,109	1,013	917	821	725	629	533	437	341	245	149	53	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		10	10	9	8	7	6	5	4	3	2	1	0	65
14.	Property Taxes		74	74	74	74	74	72	72	72	72	72	72	73	874
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		180	180	179	178	177	174	173	172	171	170	169	169	2,091

Notes:

(A) Flow Meter is Seven year Property 1.1905% per month

(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Display Cases
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	
3.	Depreciation Expense (A)		164	164	164	164	164	164	164	164	164	164	164	164	1,968
4.	Cumulative Plant in Service Additions	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	
5.	Less: Accumulated Depreciation	1,974	2,138	2,302	2,466	2,630	2,794	2,958	3,122	3,286	3,450	3,614	3,778	3,942	
6.	Net Plant in Service (Line 4 - 5)	11,840	11,676	11,512	11,348	11,184	11,020	10,856	10,692	10,528	10,364	10,200	10,036	9,872	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	11,840	11,676	11,512	11,348	11,184	11,020	10,856	10,692	10,528	10,364	10,200	10,036	9,872	
11.	Average Net Investment		11,758	11,594	11,430	11,266	11,102	10,938	10,774	10,610	10,446	10,282	10,118	9,954	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		111	109	108	106	105	103	102	100	99	97	95	94	1,229
14.	Property Taxes		74	74	74	74	74	72	72	72	72	72	72	73	874
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		349	347	346	344	343	339	338	336	335	333	331	331	4,071

Notes:

- (A) Displays are Seven year Property 1.1905% per month
(B) Revenue Requirement Return (Includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Thermal Imaging Tools
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	
3.	Depreciation Expense (A)		543	543	543	543	543	543	543	543	543	543	543	543	6,516
4.	Cumulative Plant in Service Additions	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	
5.	Less: Accumulated Depreciation	6,522	7,065	7,608	8,151	8,694	9,237	9,780	10,323	10,866	11,409	11,952	12,495	13,038	
6.	Net Plant in Service (Line 4 - 5)	39,131	38,588	38,045	37,502	36,959	36,416	35,873	35,330	34,787	34,244	33,701	33,158	32,615	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	39,131	38,588	38,045	37,502	36,959	36,416	35,873	35,330	34,787	34,244	33,701	33,158	32,615	
11.	Average Net Investment		38,859	38,316	37,773	37,230	36,687	36,144	35,601	35,058	34,515	33,972	33,429	32,886	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		367	361	356	351	346	341	336	331	326	320	315	310	4,060
14.	Property Taxes		74	74	74	74	74	72	72	72	72	72	72	73	874
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		984	978	973	968	963	956	951	946	941	935	930	926	11,450

Notes:

(A) Thermal Imaging Tools are Seven year Property 1.1905% per month

(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Energy Select
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant in Service (Net of Retirements)		77,563	77,563	77,563	96,655	115,747	134,840	142,293	142,293	122,145	101,998	81,850	56,665	
2.	Depreciation Base	10,981,139	11,058,702	11,136,265	11,213,827	11,310,482	11,426,230	11,561,070	11,703,363	11,845,656	11,967,801	12,069,799	12,151,649	12,208,314	
3.	Depreciation Expense (A)		25,257	25,435	25,613	25,792	26,014	26,280	26,590	26,918	27,245	27,526	27,761	27,949	318,380
4.	Cumulative Plant in Service Additions	10,981,139	11,058,702	11,136,265	11,213,827	11,310,482	11,426,230	11,561,070	11,703,363	11,845,656	11,967,801	12,069,799	12,151,649	12,208,314	
5.	Less: Accumulated Depreciation	(524,583)	(499,326)	(473,891)	(448,278)	(422,486)	(396,472)	(370,192)	(343,602)	(316,684)	(289,439)	(261,913)	(234,152)	(206,203)	
6.	Net Plant in Service (Line 4 - 5)	11,505,723	11,558,028	11,610,156	11,662,106	11,732,969	11,822,702	11,931,262	12,046,965	12,162,340	12,257,240	12,331,712	12,385,801	12,414,517	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	1,233,594	1,754,261	1,897,292	2,036,203	2,158,850	2,262,657	2,342,710	2,398,529	2,449,156	2,497,180	2,557,937	2,639,479	2,578,601	
10.	Net Investment (Line 6 + 8 + 9)	12,739,317	13,312,289	13,507,448	13,698,309	13,891,819	14,085,359	14,273,971	14,445,494	14,611,496	14,754,420	14,889,649	15,025,279	14,993,118	
11.	Average Net Investment		13,025,803	13,409,868	13,602,878	13,795,064	13,988,589	14,179,665	14,359,733	14,528,495	14,682,958	14,822,034	14,957,464	15,009,199	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		122,885	126,509	128,330	130,143	131,968	133,771	135,470	137,062	138,519	139,831	141,109	141,597	1,607,194
14.	Property Taxes		9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,096	109,130
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		157,236	161,038	163,037	165,029	167,076	169,145	171,154	173,074	174,858	176,451	177,964	178,642	2,034,704

Notes:

(A) *Energy Select* Property Additions Depreciated at 2.8% per year

(B) Revenue Requirement Return is 11.321%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
EnergySelect Lite
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		19,391	19,391	19,391	24,164	28,937	33,710	35,573	35,573	30,536	25,499	20,462	14,186	
2.	Depreciation Base	0	19,391	38,781	58,172	82,336	111,273	144,983	180,556	216,129	246,665	272,165	292,627	306,794	
3.	Depreciation Expense (A)		0	45	89	134	189	256	333	415	497	567	626	673	3,824
4.	Cumulative Plant in Service Additions	0	19,391	38,781	58,172	82,336	111,273	144,983	180,556	216,129	246,665	272,165	292,627	306,794	
5.	Less: Accumulated Depreciation	0	0	45	134	268	457	713	1,046	1,461	1,958	2,525	3,151	3,824	
6.	Net Plant in Service (Line 4 - 5)	0	19,391	38,736	58,038	82,068	110,816	144,270	179,510	214,668	244,707	269,640	289,476	302,970	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0													
10.	Net Investment (Line 6 + 8 + 9)	0	19,391	38,736	58,038	82,068	110,816	144,270	179,510	214,668	244,707	269,640	289,476	302,970	
11.	Average Net Investment		9,695	29,064	48,387	70,053	96,442	127,543	161,890	197,089	229,688	257,174	279,558	296,223	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		91	274	456	661	910	1,203	1,527	1,859	2,167	2,426	2,637	2,795	17,006
14.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	2	2
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		91	319	545	795	1,099	1,459	1,860	2,274	2,664	2,993	3,263	3,470	20,832

Notes:

(A) EnergySelect Lite Property Additions Depreciated at 2.8% per year

(B) Revenue Requirement Return is 11.321%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Solar for Schools
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	46,667			46,667			46,666			
2.	Depreciation Base	0	0	0	0	46,667	46,667	46,667	93,334	93,334	93,334	140,000	140,000	140,000	
3.	Depreciation Expense (A)		0	0	0	0	775	775	775	1,549	1,549	1,549	2,324	2,324	11,620
4.	Cumulative Plant in Service Additions	0	0	0	0	46,667	46,667	46,667	93,334	93,334	93,334	140,000	140,000	140,000	
5.	Less: Accumulated Depreciation	0	0	0	0	0	775	1,550	2,325	3,874	5,423	6,972	9,296	11,620	
6.	Net Plant in Service (Line 4 - 5)	0	0	0	0	46,667	45,892	45,117	91,009	89,460	87,911	133,028	130,704	128,380	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0													
10.	Net Investment (Line 6 + 8 + 9)	0	0	0	0	46,667	45,892	45,117	91,009	89,460	87,911	133,028	130,704	128,380	
11.	Average Net Investment		0	0	0	23,334	46,280	45,505	66,063	90,235	88,696	110,470	131,866	129,542	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		0	0	0	220	437	429	642	851	837	1,042	1,244	1,222	6,924
14.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	2	2
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		0	0	0	220	1,212	1,204	1,417	2,400	2,386	2,591	3,568	3,548	18,546

Notes:

(A) Solar for Schools Depreciated at 20.0% per year

(B) Revenue Requirement Return is 11.321%

Schedule C-3 (A)
Page 1a of 8

<p style="text-align: center;">GULF POWER COMPANY ENERGY CONSERVATION CLAUSE CONSERVATION PROGRAM NET COST January, 2010 Through July, 2010, Actual August, 2010 Through December 2010, Estimated</p>								
Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials Vehicles & Expenses	Advertising	Incentives	Total Costs	Program Fees	Net Costs
1. Residential Energy Surveys								
a. Actual	9,846.36	550,999.60	101,426.71	17,807.15	0.00	680,079.82	0.00	680,079.82
b. Estimated August through October	3,815.07	236,142.69	43,468.59	7,631.64	0.00	291,057.98	0.00	291,057.98
c. Total	13,661.43	787,142.29	144,895.30	25,438.79	0.00	971,137.80	0.00	971,137.80
2. Residential Geothermal Heat Pump								
a. Actual	0.00	53,747.92	10,711.52	454.82	68,000.00	132,914.26	0.00	132,914.26
b. Estimated August through October	0.00	23,034.82	4,590.65	194.92	29,142.86	56,963.25	0.00	56,963.25
c. Total	0.00	76,782.74	15,302.17	649.74	97,142.86	189,877.51	0.00	189,877.51
3. Energy Select								
a. Actual	1,081,145.39	784,792.83	2,139,521.36	188,103.12	0.00	4,193,562.70	439,775.04	3,753,787.66
b. Estimated August through December	778,709.22	560,566.31	1,528,229.54	134,359.37	0.00	3,001,864.44	356,200.00	2,645,664.44
c. Total	1,859,854.61	1,345,359.14	3,667,750.90	322,462.49	0.00	7,195,427.14	795,975.04	6,399,452.10
4. Commercial / Industrial Energy Audits								
a. Actual	0.00	299,110.05	64,351.12	350.00	0.00	363,811.17	0.00	363,811.17
b. Estimated August through December	0.00	213,650.04	45,965.09	250.00	0.00	259,865.12	0.00	259,865.12
c. Total	0.00	512,760.09	110,316.21	600.00	0.00	623,676.29	0.00	623,676.29
5. GoodCents Commercial Buildings								
a. Actual	0.00	261,854.76	31,264.99	(880.00)	0.00	292,239.75	0.00	292,239.75
b. Estimated August through October	0.00	112,223.47	13,399.28	0.00	0.00	125,622.75	0.00	125,622.75
c. Total	0.00	374,078.23	44,664.27	(880.00)	0.00	417,862.50	0.00	417,862.50
6. Commercial Geothermal Heat Pump								
a. Actual	0.00	28,820.96	3,462.55	0.00	7,200.00	39,483.51	0.00	39,483.51
b. Estimated August through October	0.00	12,351.84	1,483.95	0.00	3,085.71	16,921.50	0.00	16,921.50
c. Total	0.00	41,172.80	4,946.50	0.00	10,285.71	56,405.01	0.00	56,405.01
7. Energy Services								
a. Actual	0.00	0.00	0.00	0.00	58,480.00	58,480.00	0.00	58,480.00
b. Estimated August through October	0.00	0.00	0.00	0.00	25,062.86	25,062.86	0.00	25,062.86
c. Total	0.00	0.00	0.00	0.00	83,542.86	83,542.86	0.00	83,542.86
8. Renewable Energy								
a. Solar for Schools								
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated August through October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. EarthCents Solar								
a. Actual	0.00	2,217.27	4,221.21	0.00	0.00	6,438.48	0.00	6,438.48
b. Estimated August through October	0.00	950.26	1,809.09	0.00	0.00	2,759.35	0.00	2,759.35
c. Total	0.00	3,167.53	6,030.30	0.00	0.00	9,197.83	0.00	9,197.83
c. Renewable Energy Initiatives								
a. Actual	0.00	76,133.89	22,932.34	0.00	0.00	99,066.23	0.00	99,066.23
b. Estimated August through October	0.00	32,628.81	9,828.15	0.00	0.00	42,456.96	0.00	42,456.96
c. Total	0.00	108,762.70	32,760.49	0.00	0.00	141,523.19	0.00	141,523.19
9. Conservation Demonstration and Development								
a. Electrode Boiler	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
b. McDonald's Geothermal Project	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
c. UWF Best House	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
d. Variable Speed Pool Pump	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
e. Energy Select Vehicle	0.00	3,055.88	19,218.22	0.00	0.00	22,274.10	0.00	22,274.10
e. Total Actual	0.00	15,279.64	29,107.90	0.00	0.00	44,387.54	0.00	44,387.54
b. Estimated August through December	0.00	10,914.03	20,791.36	0.00	0.00	31,705.39	0.00	31,705.39
g. Total	0.00	26,193.67	49,899.26	0.00	0.00	76,092.93	0.00	76,092.93
10. Solar Thermal Water Heating								
a. Actual	0.00	0.00	0.00	0.00	4,000.00	4,000.00	0.00	4,000.00
b. Estimated August through October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	0.00	0.00	0.00	4,000.00	4,000.00	0.00	4,000.00
11. Energy Education								
a. Actual	0.00	68,765.28	922.67	0.00	0.00	69,687.95	0.00	69,687.95
b. Estimated August through October	0.00	29,470.83	395.43	0.00	0.00	29,866.26	0.00	29,866.26
c. Total	0.00	98,236.11	1,318.10	0.00	0.00	99,554.21	0.00	99,554.21

Schedule C-3 (A)
Page 1b of 8

<p style="text-align: center;">GULF POWER COMPANY ENERGY CONSERVATION CLAUSE CONSERVATION PROGRAM NET COST January, 2010 Through July, 2010, Actual August, 2010 Through December 2010, Estimated</p>								
	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Residential Conservation Programs:								
12. Residential Energy Audit and Education								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	2,699	308,028	220,346	185,178	0	716,251	0	716,251
c. Total	2,699	308,028	220,346	185,178	0	716,251	0	716,251
13. Community Energy Saver								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	4,646	109,478	0	0	114,124	0	114,124
c. Total	0	4,646	109,478	0	0	114,124	0	114,124
14. Landlord-Renter Custom								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	7,434	11,596	0	0	19,030	0	19,030
c. Total	0	7,434	11,596	0	0	19,030	0	19,030
15. HVAC Efficiency								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	73,970	215,914	13,334	249,816	553,034	0	553,034
c. Total	0	73,970	215,914	13,334	249,816	553,034	0	553,034
16. Heat Pump Water Heater								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	24,780	10,848	3,334	35,000	73,962	0	73,962
c. Total	0	24,780	10,848	3,334	35,000	73,962	0	73,962
17. Ceiling Insulation								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	10,284	4,502	1,666	10,000	26,452	0	26,452
c. Total	0	10,284	4,502	1,666	10,000	26,452	0	26,452
18. High Performance Window								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	29,488	12,910	1,666	9,200	53,264	0	53,264
c. Total	0	29,488	12,910	1,666	9,200	53,264	0	53,264
19. Reflective Roof								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	12,142	5,316	1,666	13,334	32,458	0	32,458
c. Total	0	12,142	5,316	1,666	13,334	32,458	0	32,458
20. Variable Speed Pool Pump								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	8,054	3,526	1,666	15,000	28,246	0	28,246
c. Total	0	8,054	3,526	1,666	15,000	28,246	0	28,246
22. Energy Select Lite								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	19,040	75,000	0	0	94,040	0	94,040
c. Total	0	19,040	75,000	0	0	94,040	0	94,040
23. Self-Install Energy Efficiency								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	10,568	24,964	4,166	78,334	118,032	0	118,032
c. Total	0	10,568	24,964	4,166	78,334	118,032	0	118,032
24. Refrigerator Recycling								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	5,884	44,400	3,334	17,500	71,118	0	71,118
c. Total	0	5,884	44,400	3,334	17,500	71,118	0	71,118
Commercial / Industrial Conservation Programs:								
25. HVAC Retrocommissioning								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	9,318	12,028	3,334	20,000	44,680	0	44,680
c. Total	0	9,318	12,028	3,334	20,000	44,680	0	44,680

Schedule C-3 (A)
Page 1c of 8

<p style="text-align: center;">GULF POWER COMPANY ENERGY CONSERVATION CLAUSE CONSERVATION PROGRAM NET COST January, 2010 Through July, 2010, Actual August, 2010 Through December 2010, Estimated</p>								
	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Advertising	Incentives	Total Costs	Program Fees	Net Costs
26. Commercial Building Efficiency								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	15,026	5,662	10,000	49,146	79,834	0	79,834
c. Total	0	15,026	5,662	10,000	49,146	79,834	0	79,834
27. HVAC Occupancy Sensor								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	392	152	1,666	1,876	4,086	0	4,086
c. Total	0	392	152	1,666	1,876	4,086	0	4,086
28. High Efficiency Motors								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	2,040	892	1,666	3,908	8,506	0	8,506
c. Total	0	2,040	892	1,666	3,908	8,506	0	8,506
29. Food Services								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	2,408	892	2,500	1,226	7,026	0	7,026
c. Total	0	2,408	892	2,500	1,226	7,026	0	7,026
30. Commercial / Industrial Custom Incentive								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	94	42	0	16,666	16,802	0	16,802
c. Total	0	94	42	0	16,666	16,802	0	16,802
Renewable Energy Plan:								
31. Solar for Schools								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	3,778	466	0	0	4,244	0	4,244
c. Total	0	3,778	466	0	0	4,244	0	4,244
32. Solar Thermal Water Heating								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	2,698	334	0	16,666	19,698	0	19,698
c. Total	0	2,698	334	0	16,666	19,698	0	19,698
33. Solar PV								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	11,736	1,450	0	72,500	85,686	0	85,686
c. Total	0	11,736	1,450	0	72,500	85,686	0	85,686
34. Solar Thermal Water Heating for Low-Income								
a. Actual	0	0	0	0	0	0	0	0
b. Estimated November and December	0	2,024	250	0	12,500	14,774	0	14,774
c. Total	0	2,024	250	0	12,500	14,774	0	14,774
35. a. Actual	1,090,991.75	2,141,722.20	2,407,922.37	205,835.09	137,680.00	5,984,151.41	439,775.04	5,544,376.37
b. Estimated	785,223.75	1,795,765.09	2,430,829.12	377,611.93	679,963.43	6,069,493.32	356,200.00	5,713,293.32
36. Total All Programs	1,876,215.50	3,937,487.29	4,838,851.49	583,447.02	817,643.43	12,053,644.73	795,975.04	11,257,669.69

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 CONSERVATION PROGRAM COSTS (Exclusive of Program Fees)
 For the Period January, 2010 Through July, 2010, Actual
 August, 2010 Through December 2010, Estimated

	ACTUAL							ESTIMATED							TOTAL ACTUAL & ESTIMATED COSTS
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	TOTAL ACT	AUG	SEP	OCT	NOV	DEC	TOTAL EST	
1. Residential Energy Surveys	123,964.72	99,785.52	137,045.98	133,709.28	(13,494.99)	97,501.88	101,567.63	680,078.82	97,019.00	97,019.00	97,019.98	0.00	0.00	291,057.98	971,137.80
2. Residential Geothermal Heat Pump	14,992.83	10,433.81	15,727.32	25,491.33	17,755.63	18,234.40	30,279.14	132,914.26	18,988.00	18,988.00	18,987.25	0.00	0.00	58,963.25	189,877.51
3. Energy Select	493,549.47	589,178.81	808,507.03	808,986.13	892,263.96	820,807.21	582,490.59	4,193,562.70	800,373.00	800,373.00	800,373.00	800,373.00	800,372.44	3,001,864.44	7,195,427.14
4. Commercial / Industrial Energy Audits	66,678.41	46,821.00	44,572.04	46,308.11	64,039.80	49,372.14	48,021.67	363,811.17	51,973.00	51,973.00	51,973.00	51,973.00	51,973.12	259,966.12	623,878.29
5. GoodCents Commercial Buildings	38,819.52	36,642.39	38,580.67	35,738.41	61,267.93	40,822.19	40,568.64	292,230.75	41,874.00	41,874.00	41,874.75	0.00	0.00	126,622.75	417,862.50
6. Commercial Geothermal Heat Pump	3,419.19	10,989.94	4,302.31	5,381.94	6,061.78	8,495.89	2,842.86	39,483.51	5,841.00	5,841.00	5,839.50	0.00	0.00	16,921.50	56,406.01
7. Energy Services	0.00	58,480.00	0.00	0.00	0.00	0.00	0.00	58,480.00	8,364.00	8,364.00	8,364.86	0.00	0.00	25,062.86	83,542.86
8. Renewable Energy															
a. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Earth Cents Solar	877.47	855.16	863.72	970.06	980.28	942.40	949.40	6,438.48	920.00	920.00	919.36	0.00	0.00	2,759.36	9,197.83
c. Renewable Energy Initiatives	13,537.76	12,215.84	12,273.81	13,718.31	18,689.11	12,570.98	18,080.44	99,086.23	14,152.00	14,152.00	14,152.96	0.00	0.00	42,466.96	141,523.19
9. Conservation Demonstration and Development									8,341.00	8,341.00	8,341.00	8,341.00	8,341.39	31,705.39	78,082.93
a. Electrode Boiler	780.72	926.48	776.44	714.81	997.90	336.71	995.50	5,528.38							
b. McDonald's Geothermal Project	780.72	926.48	776.44	714.81	997.90	336.71	995.50	5,528.38							
c. UNF Base House	780.72	926.48	776.44	714.81	997.90	336.71	995.50	5,528.38							
d. Variable Speed Pool Pump	780.72	926.48	776.44	714.81	997.90	336.71	995.50	5,528.38							
e. EnergySelect Electric Vehicle	1,184.70	17,111.98	776.48	870.82	997.86	336.71	995.48	22,274.10							
10. Solar Thermal Water Heating	1,000.00	(2,000.00)	1,000.00	4,000.00	0.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	4,000.00
11. Energy Education	6,450.51	7,888.33	7,472.46	7,472.46	12,160.83	12,978.36	15,275.01	69,887.95	9,955.00	9,955.00	9,956.26	0.00	0.00	29,896.26	99,564.21
Residential Conservation Programs:															
12. Residential Energy Audit and Education	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	367,834	358,318	716,251.46	716,251.46
13. Community Energy Saver	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57,082	57,082	114,124.00	114,124.00
14. Landford-Renter Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,515	9,515	19,030.00	19,030.00
15. HVAC Efficiency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	278,517	278,517	553,034.00	553,034.00
16. Heat Pump Water Heater	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36,981	36,981	73,962.00	73,962.00
17. Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,226	13,226	26,452.00	26,452.00
18. High Performance Window	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,832	26,832	53,264.00	53,264.00
19. Reflective Roof	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,229	16,229	32,458.00	32,458.00
20. Variable Speed Pool Pump	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,123	14,123	28,246.00	28,246.00
21. Energy Select Like	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47,020	47,020	94,040.00	94,040.00
22. Self-Install Energy Efficiency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58,018	58,018	116,032.00	116,032.00
23. Refrigerator Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36,559	36,559	71,118.00	71,118.00
Commercial / Industrial Conservation Programs:															
24. HVAC Retrocommissioning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22,340	22,340	44,680.00	44,680.00
25. Commercial Building Efficiency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39,917	39,917	79,834.00	79,834.00
26. HVAC Occupancy Sensor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2043	2043	4,086.00	4,086.00
27. High Efficiency Motors	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,253	4,253	8,506.00	8,506.00
28. Food Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,513	3,513	7,026.00	7,026.00
29. Commercial / Industrial Custom Incentive	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,401	8,401	16,802.00	16,802.00
Renewable Energy Plan:															
30. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,122	2,122	4,244.00	4,244.00
31. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,849	9,849	19,698.00	19,698.00
32. Solar PV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42,843	42,843	85,686.00	85,686.00
33. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,387	7,387	14,774.00	14,774.00
34. Total All Programs	787,597.46	892,108.30	874,227.58	883,483.38	884,893.48	861,008.57	841,032.64	5,984,151.41	855,590.00	855,590.00	855,591.91	1,751,188.51	1,751,552.90	6,089,493.33	12,053,644.73
35. Less: Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. Conservation Expenses	787,597.46	892,108.30	874,227.58	883,483.38	884,893.48	861,008.57	841,032.64	5,984,151.41	855,590.00	855,590.00	855,591.91	1,751,188.51	1,751,552.90	6,089,493.33	12,053,644.73

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
ESTIMATED TRUE-UP
For the Period: January, 2010 through December, 2010

<u>Conservation Revenues</u>	<u>ACTUAL JAN</u>	<u>ACTUAL FEB</u>	<u>ACTUAL MARCH</u>	<u>ACTUAL APRIL</u>	<u>ACTUAL MAY</u>	<u>ACTUAL JUNE</u>	<u>ACTUAL JULY</u>	<u>ESTIMATED AUGUST</u>	<u>ESTIMATED SEPTEMBER</u>	<u>ESTIMATED OCTOBER</u>	<u>ESTIMATED NOVEMBER</u>	<u>ESTIMATED DECEMBER</u>	<u>TOTAL</u>
1. Energy Select Program Revenues	61,944.04 0.00 0.00	59,826.13 0.00 0.00	60,536.73 0.00 0.00	55,122.11 0.00 0.00	58,485.41 0.00 0.00	71,125.13 0.00 0.00	72,735.49 0.00 0.00	69,320.00	70,472.00	71,432.00	72,200.00	72,776.00	795,975.04
2. Conservation Revenues	1,000,637.40	913,381.83	781,078.01	743,374.65	1,006,672.31	1,143,298.17	1,237,714.58	1,152,820.72	1,006,303.38	898,283.65	765,558.95	842,610.27	11,491,733.92
3. Total Revenues	1,062,581.44	973,207.96	841,614.74	798,496.76	1,065,157.72	1,214,423.30	1,310,450.07	1,222,140.72	1,076,775.38	969,715.65	837,758.95	915,386.27	12,287,708.96
4. Adjustment not Applicable to Period - Prior True Up	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.62)	(53,023.00)
5. Conservation Revenues Applicable to Period	1,058,162.86	968,789.38	837,196.16	794,078.18	1,060,739.14	1,210,004.72	1,306,031.49	1,217,722.14	1,072,356.80	965,297.07	833,340.37	910,967.65	12,234,685.96
6. Conservation Expenses (Form C-3 (A) Page 2 of 8)	767,597.46	892,108.30	874,227.58	883,483.38	864,693.48	861,008.57	841,032.64	855,590.00	855,590.00	855,591.91	1,751,168.51	1,751,552.90	12,053,644.73
7. True Up this Period (Line 5 minus Line 6)	290,565.40	76,681.08	(37,031.42)	(89,405.20)	196,045.66	348,996.15	464,998.85	362,132.14	216,766.80	109,705.16	(917,828.14)	(840,585.25)	181,041.23
8. Interest Provision this Period (C-3 (A) Page 4 of 8, Line	236.68	274.76	285.75	288.63	387.69	549.04	609.44	639.39	708.11	747.40	654.32	450.36	5,831.57
9. True Up & Interest Provision Beginning of Month	1,272,569.44	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,924,172.12	3,146,065.61	3,260,936.75	2,348,181.51	1,272,569.44
10. Prior True Up Collected or Refunded	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.62	53,023.00
11. End of Period- Net True Up	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,924,172.12	3,146,065.61	3,260,936.75	2,348,181.51	1,512,465.24	1,512,465.24

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
INTEREST CALCULATION
For the Period: January, 2010 through December, 2010

<u>Interest Provision</u>	<u>ACTUAL JAN</u>	<u>ACTUAL FEB</u>	<u>ACTUAL MARCH</u>	<u>ACTUAL APRIL</u>	<u>ACTUAL MAY</u>	<u>ACTUAL JUNE</u>	<u>ACTUAL JULY</u>	<u>ESTIMATED AUGUST</u>	<u>ESTIMATED SEPTEMBER</u>	<u>ESTIMATED OCTOBER</u>	<u>ESTIMATED NOVEMBER</u>	<u>ESTIMATED DECEMBER</u>	<u>TOTAL</u>
1. Beginning True up Amount	1,272,569.44	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,924,172.12	3,146,065.61	3,260,936.75	2,348,181.51	
2. Ending True up before Interest	1,567,553.42	1,648,889.75	1,616,551.68	1,531,850.81	1,732,603.68	2,086,406.10	2,556,372.57	2,923,532.73	3,145,357.50	3,260,189.35	2,347,527.19	1,512,014.88	
3. Total Beginning & Ending Balances	2,840,122.86	3,216,679.85	3,265,716.21	3,148,688.25	3,264,743.13	3,819,397.48	4,643,327.72	5,480,514.75	6,069,529.62	6,406,254.96	5,608,463.94	3,860,196.39	
4. Average True up Amount	1,420,061.43	1,608,339.93	1,632,858.11	1,574,344.12	1,632,371.56	1,909,698.74	2,321,663.86	2,740,257.37	3,034,764.80	3,203,127.47	2,804,231.96	1,930,098.19	
5. Interest Rate First Day Reporting Business Month	0.20	0.20	0.21	0.21	0.23	0.34	0.35	0.28	0.28	0.28	0.28	0.28	
6. Interest Rate First Day Subsequent Business Month	0.20	0.21	0.21	0.23	0.34	0.35	0.28	0.28	0.28	0.28	0.28	0.28	
7. Total of Lines 5 and 6	0.40	0.41	0.42	0.44	0.57	0.69	0.63	0.56	0.56	0.56	0.56	0.56	
8. Average Interest rate (50% of Line 7)	0.2000	0.2050	0.2100	0.2200	0.2850	0.3450	0.3150	0.2800	0.2800	0.2800	0.2800	0.2800	
9. Monthly Average Interest Rate Line 8 / 12 months	0.000167	0.000171	0.000175	0.000183	0.000238	0.000288	0.000263	0.000233	0.000233	0.000233	0.000233	0.000233	
10. Interest Provision (line 4 X 9)	236.68	274.76	285.75	288.63	387.69	549.04	609.44	639.39	708.11	747.40	654.32	450.36	5,831.57

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
RESIDENTIAL ENERGY SURVEYS - FLOW METER
For the Period January, 2010 Through December, 2010

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments Added to Plant in Service		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2. Depreciable Base - Total	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
3. Depreciation Expense (A)		96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	1,156.20
4. Cumulative Plant in Service Additions	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
5. Salvage, Cost of Removal and Retirement														
6. Less: Accumulated Depreciation	5,781.02	5,877.37	5,973.72	6,070.07	6,166.42	6,262.77	6,359.12	6,455.47	6,551.82	6,648.17	6,744.52	6,840.87	6,937.22	
7. Net Plant in Service (Line 4 - 6)	2,312.54	2,216.19	2,119.84	2,023.49	1,927.14	1,830.79	1,734.44	1,638.09	1,541.74	1,445.39	1,349.04	1,252.69	1,156.34	
8. Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11. Net Investment	2,312.54	2,216.19	2,119.84	2,023.49	1,927.14	1,830.79	1,734.44	1,638.09	1,541.74	1,445.39	1,349.04	1,252.69	1,156.34	
12. Average Net Investment		2,264.37	2,168.02	2,071.67	1,975.32	1,878.96	1,782.62	1,686.26	1,589.92	1,493.56	1,397.21	1,300.86	1,204.51	
13. Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14. Return Requirement on Average Net Investment		21.36	20.45	19.54	18.64	17.73	16.82	15.91	15.00	14.09	13.18	12.27	11.36	196.35
15. Property Tax		5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.51	66.23
16. Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		123.23	122.32	121.41	120.51	119.60	118.69	117.78	116.87	115.96	115.05	114.14	113.22	1,418.78

Notes:

- (A) Flow Meter is Seven year Property 1.1905% per month
(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Thermal Imaging Tools
For the Period January, 2010 Through December, 2010

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments Added to Plant In Service		0.00	1.58	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	
2. Depreciable Base	45,651.12	45,651.12	45,652.70	45,652.70	45,652.70	45,652.70	45,652.71	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
3. Depreciation Expense (A)		543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.48	543.48	543.48	543.48	543.48	6,521.69
4. Cumulative Plant in Service Additions	45,651.12	45,651.12	45,652.70	45,652.70	45,652.70	45,652.70	45,652.71	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
5. Salvage, Cost of Removal and Retirement														
6. Less: Accumulated Depreciation	0.00	543.47	1,086.94	1,630.41	2,173.88	2,717.35	3,260.82	3,804.29	4,347.77	4,891.25	5,434.73	5,978.21	6,521.69	
7. Net Plant In Service (Line 4 - 6)	45,651.12	45,107.65	44,565.76	44,022.29	43,478.82	42,935.35	42,391.89	41,848.41	41,304.93	40,761.45	40,217.97	39,674.49	39,131.01	
8. Net Additions/Reductions to CWIP		1.59	(1.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. CWIP Balance	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11. Net Investment	45,651.12	45,109.24	44,565.76	44,022.29	43,478.82	42,935.35	42,391.89	41,848.41	41,304.93	40,761.45	40,217.97	39,674.49	39,131.01	
12. Average Net Investment		45,380.18	44,837.50	44,294.03	43,750.56	43,207.09	42,663.62	42,120.15	41,576.67	41,033.19	40,489.71	39,946.23	39,402.75	
13. Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14. Return Requirement on Average Net Investment		428.12	423.00	417.87	412.74	407.62	402.49	397.36	392.23	387.11	381.98	376.85	371.73	4,799.10
15. Property Tax		31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.15	373.58
16. Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		1,002.72	997.60	992.47	987.34	982.22	977.09	971.96	966.84	961.72	956.59	951.46	946.36	11,694.37

Notes:

- (A) Thermal Imaging Tools are Seven year Property 1.1905% per month
(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Survey Displays
For the Period January, 2010 Through December, 2010

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments Added to Plant in Service		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2. Depreciable Base	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	
3. Depreciation Expense (A)		164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	1,973.52
4. Cumulative Plant in Service Additions	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	
5. Salvage, Cost of Removal and Retirement														
6. Less: Accumulated Depreciation	0.00	164.46	328.92	493.38	657.84	822.30	986.76	1,151.22	1,315.68	1,480.14	1,644.60	1,809.06	1,973.52	
7. Net Plant in Service (Line 4 - 6)	13,814.37	13,649.91	13,485.45	13,320.99	13,156.53	12,992.07	12,827.61	12,663.15	12,498.69	12,334.23	12,169.77	12,005.31	11,840.85	
8. Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11. Net Investment	13,814.37	13,649.91	13,485.45	13,320.99	13,156.53	12,992.07	12,827.61	12,663.15	12,498.69	12,334.23	12,169.77	12,005.31	11,840.85	
12. Average Net Investment		13,732.14	13,567.68	13,403.22	13,238.76	13,074.30	12,909.84	12,745.38	12,580.92	12,416.46	12,252.00	12,087.54	11,923.08	
13. Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14. Return Requirement on Average Net Investment		129.55	128.00	126.45	124.89	123.34	121.79	120.24	118.69	117.14	115.59	114.03	112.48	1,452.19
15. Property Tax		9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.43	113.05
16. Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		303.43	301.88	300.33	298.77	297.22	295.67	294.12	292.57	291.02	289.47	287.91	286.37	3,538.76

Notes:

- (A) Displays are Seven year Property 1.1905% per month
(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
ENERGY SELECT
For the Period January, 2010 Through December, 2010

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments Added to Plant In Service		(11,567.05)	(21,911.15)	(32,324.53)	(126,047.61)	77,179.07	33,017.39	146,991.94	\$116,038.19	\$99,608.00	\$83,177.81	\$66,747.63	\$46,209.90	
2. Depreciable Base	10,504,019.76	10,492,452.71	10,470,541.56	10,438,217.03	10,312,169.42	10,389,348.49	10,422,365.88	10,569,357.82	10,685,396.01	10,785,004.01	10,868,181.82	10,934,929.45	10,981,139.35	
3. Depreciation Expense (A)		24,159.25	24,132.64	24,082.25	24,007.90	23,717.99	23,895.50	23,971.44	24,309.52	24,576.41	24,805.51	24,996.82	25,150.34	291,805.57
4. Cumulative Plant in Service Additions	10,504,019.76	10,492,452.71	10,470,541.56	10,438,217.03	10,312,169.42	10,389,348.49	10,422,365.88	10,569,357.82	10,685,396.01	10,785,004.01	10,868,181.82	10,934,929.45	10,981,139.35	
5. Salvage, Cost of Removal and Retirement		(57,272.11)	(74,867.32)	(85,202.21)	(145,178.60)	0.00	(106,967.23)	39,144.58						
6. Less: Accumulated Depreciation	(386,245.87)	(419,358.73)	(469,893.41)	(531,013.37)	(652,184.07)	(628,466.08)	(711,537.81)	(648,421.79)	(624,112.27)	(599,535.86)	(574,730.35)	(549,733.53)	(524,583.19)	
7. Net Plant In Service (Line 4 - 6)	10,890,265.63	10,911,811.44	10,940,434.97	10,969,230.40	10,964,353.49	11,017,814.57	11,133,903.69	11,217,779.61	11,309,508.28	11,384,539.87	11,442,912.17	11,484,662.98	11,505,722.54	
8. Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Inventory	1,611,710.27	1,609,945.52	1,543,712.38	2,054,030.23	2,045,010.95	2,029,884.13	1,923,094.26	1,844,110.34	1,688,068.69	1,548,979.72	1,426,870.90	1,321,742.23	1,233,593.71	
11. Net Investment	12,501,975.90	12,521,756.96	12,484,147.35	13,023,260.63	13,009,364.44	13,047,698.70	13,056,997.95	13,061,889.95	12,997,576.97	12,933,519.59	12,869,783.07	12,806,405.21	12,739,316.25	
12. Average Net Investment		12,511,866.43	12,502,952.16	12,753,704.00	13,016,312.54	13,028,531.57	13,052,348.33	13,059,443.95	13,029,733.46	12,965,548.28	12,901,651.33	12,838,094.14	12,772,860.73	
13. Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14. Return Requirement on Average Net Investment		118,036.95	117,952.85	120,318.44	122,795.89	122,911.17	123,135.85	123,202.79	122,922.51	122,318.98	121,714.18	121,114.58	120,499.17	1,456,921.36
15. Property Tax		9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	111,127.68
16. Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		151,456.84	151,346.13	153,661.33	156,064.43	155,889.80	156,291.99	156,434.87	156,492.67	156,154.03	155,780.33	155,372.04	154,910.15	1,859,854.61

Notes:

(A) Energy Select Property Additions Depreciated at 2.8% per year

Schedule C-4 (A)
Page 1 of 1

GULF POWER COMPANY
CALCULATION OF CONSERVATION REVENUES
For the Period: August, 2010 Through December, 2010

	<u>Month</u>	<u>Projected MWH Sales</u>	<u>Rate (Avg Cents/KWH)</u>	<u>Clause Revenue Net of Revenue Taxes (\$)</u>
1.	08/2010	1,123,730	0.10258876	1,152,820.72
2.	09/2010	984,276	0.10223793	1,006,303.38
3.	10/2010	886,399	0.10134078	898,283.65
4.	11/2010	760,838	0.10062049	765,558.95
5.	12/2010	829,940	0.10152665	842,610.27

Section 1 - Existing Programs Ending or Being Modified Upon
Approval of Gulf's proposed DSM Plan (Docket 100154-EG-EG)

Program Description and Progress

Program Title: Residential Energy Survey

Program Description: This program offers existing residential customers, and individuals and contractors building new homes, energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. Owners of existing homes may choose to have a Gulf Power representative conduct an on-site survey of their home, or they may opt to participate in either a mail-in or on-line interactive version of the survey known as the "Energy Check Up." Qualifying new home owners and contractors may request a pre-construction survey of their final construction plans. Regardless of the options chosen, these surveys provide customers with specific whole-house recommendations.

Program Projections: N/A - this program will be replaced in Gulf Power's DSM Plan (Docket 100154-EG-EG) currently before the Commission for approval.

Program Accomplishments: During the first seven months of 2010, 4,218 surveys were completed compared to the projection of 2,333 surveys for this period, a difference of 1,885 surveys. There were 1,519 more on-site, 43 more pre-construction and 323 more online/mail-in surveys than projected during this period. The revised projection for 2010 is 5,500 surveys.

Program Fiscal Expenditures: Actual expenses for January through July 2010 were \$680,080 compared to a budget of \$778,268 for the same period. This results in a difference of \$98,188 or 12.6% under budget.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 168,720 residential energy surveys. This is a result of Gulf Power's promotional campaign to solicit energy surveys as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

Schedule C-5(A)
Page 2 of 36

Program Description and Progress

Program Title: Residential Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of geothermal systems.

Program Projections: N/A - this program will be replaced in Gulf Power's DSM Plan (Docket 100154-EG) currently before the Commission for approval.

Program Accomplishments: During the current recovery period, 35 geothermal heat pump units have been installed thus far. The total projection for 2010 is 100 units.

Program Fiscal Expenditures: For the first seven months of the 2010 recovery period, expenses were projected to be \$230,963 compared to actual expenses of \$132,914 for a deviation of \$98,049 or 42.5% below budget.

Program Progress Summary: To date, 2,533 units have been installed.

Program Description and Progress

Program Title: Good Cents Commercial Buildings

Program Description: This program is designed to educate commercial and industrial customers on the most cost-effective methods of designing new buildings and improving existing buildings. The program stresses efficient heating and cooling equipment, improved thermal envelope, operation and maintenance, lighting, cooking and water heating. Field representatives work with architects, engineers, consultants, contractors, equipment suppliers and building owners and occupants to encourage them to make the most efficient use of all energy sources and available technologies.

Program Projections: N/A - this program will be replaced in Gulf Power's DSM Plan (Docket 100154-EG) currently before the Commission for approval.

Program Accomplishments: Certification of 33 buildings has been achieved during January through July 2010. The total projection for 2010 is 180 buildings.

Program Fiscal Expenditures: Forecasted expenses for January through July 2010 were \$340,833 compared to actual expenses of \$292,240 for a deviation of \$48,593 or 14.3% under budget.

Program Progress Summary: A total of 9,311 commercial buildings have qualified for the Good Cents certification since the program was developed in 1977

Schedule C-5(A)
Page 4 of 36

Program Description and Progress

Program Title: Commercial Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing commercial/industrial customers through the promotion and installation of advanced and emerging geothermal systems.

Program Projections: N/A - this program will be replaced in Gulf Power's DSM Plan (Docket 100154-EG) currently before the Commission for approval.

Program Accomplishments: During the January through July 2010 period, there was 1 unit installed. The total projection for 2010 is 20 units.

Program Fiscal Expenditures: Forecasted expenses for January through July, 2010 were \$89,840 compared to actual expenses of \$39,484 for a deviation of \$50,356 or 56.1% under budget.

Program Progress Summary: To date, 29 units have been installed.

Program Description and Progress

Program Title: Energy Services

Program Description: The Energy Services program is designed to establish the capability and process to offer advanced energy services, and energy efficient end-use equipment, that is customized to meet the individual needs of large customers. Potential projects are evaluated on a case-by-case basis and must be cost effective to qualify for incentives or rebates. Types of projects covered under this program would include demand reduction or efficiency improvement retrofits, such as lighting (fluorescent and incandescent), motor replacements, HVAC retrofit (including geothermal applications), and new electro-technologies.

Program Projections: N/A - this program will be replaced in Gulf Power's DSM Plan (Docket 100154-EG) currently before the Commission for approval.

Program Accomplishments: For the period January through July 2010, at the meter reductions of 77,000 kWh, 77 winter kW and 31 summer kW reductions were achieved. The total projection for 2010 includes at the meter energy reductions of 1,178,470 kWh, and at the meter demand reductions of 510 kW winter and 275 kW summer.

Program Fiscal Expenditures: Forecasted expenses for January through July 2010 were \$148,750 with \$58,480 in expenses incurred during this period for a deviation of \$90,270 or 60.7% under budget.

Program Progress Summary: Total reductions at the meter of 22,387,136 kWh, 4,762 kW winter and 6,421 kW summer reductions have been achieved since this program was initiated.

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program is designed to encompass a variety of voluntary renewable and green energy programs under development by Gulf Power Company. The voluntary pricing options for customers will include, but not be limited to, EarthCents Solar (Photovoltaic Rate Rider) and the Solar for Schools program. Additionally, this program will include expenses necessary to prepare and implement a renewable energy pilot program utilizing landfill gas, wind, solar or other renewable energy sources.

Program Accomplishments:

EarthCents Solar (Photovoltaic (PV) Optional Rate Rider):
The PV Rate Rider is an optional rate rider in which customers may purchase photovoltaic energy in 100-watt blocks. The construction of the photovoltaic facility or the purchase of power from photovoltaic facilities will begin upon the attainment of sufficient commitments from all participants across the Southern Company electric system where the option is available and, as necessary, after obtaining PSC approval. As of July 2010, 50 customers have signed up for 62 100-watt blocks of energy.

Solar for Schools: The principle objective of the Solar for Schools program is to implement solar education and demonstration projects, in conjunction with the Florida Solar Energy Center, at local educational facilities by means of voluntary contributions. The program also seeks to increase renewable energy and energy awareness among students, parents and contributors. Solar for Schools is a program that uses voluntary contributions to fund materials for energy education, permanent demonstration displays, rewards for science contests, and teacher education. Voluntary contributions are solicited from customers interested in renewable energy and/or helping to improve the quality of schools in the Gulf Power Company service area. Funds are collected through a "check-off" mechanism on the utility bill or through a direct contribution and accumulated in an interest bearing account. When contributions reach an adequate level, they are directed to an educational facility for implementation of various solar educational programs and for the installation of solar

equipment. Contributions are not used for administrative costs, program research or for promotion costs.

The Solar for Schools program has enabled Gulf Power to install a 4 kW PV solar system at each of the following institutions: the Junior Museum of Bay County in 2000, Meigs Middle School in Shalimar in 2003, West Florida High School of Advanced Technology in Pensacola in 2003, and Bay County High School in Panama City in 2004.

Gulf Power's new Solar for Schools program recently approved as part of the Renewable Programs filed in Gulf Power's 2010 Demand Side Management plan will replace this existing program and will no longer require voluntary customer contributions. Gulf Power is currently evaluating solar education and demonstration projects that will be funded with the existing voluntary customer contributions as we transition between programs.

Renewable Energy Initiative: Gulf continues to evaluate and develop renewable energy sources and offerings. During 2008, Gulf added resources to further evaluate several renewable energy generation options including landfill gas, biomass, municipal solid waste, and solar PV projects and to further evaluate opportunities for demand-side renewable energy programs as part of our renewable initiative. During 2009 and 2010, these resources provided needed support to facilitate the construction of the Perdido Bay Landfill Gas generation facility, which will be operational September 2010, erect a wind meteorological tower on Navarre Beach to collect coastal wind data and support wind energy education at a local school, manage and evaluate Gulf's Solar Thermal Water Heating pilot program, develop the renewable program offerings submitted as part of Gulf Power's 2010 Demand-Side Management Plan, and manage other aspects of Gulf Power's renewable energy initiative and offerings such as Net Metering, customer inquiries related to renewable energy, and renewable energy related data collection and analysis.

Program Fiscal Expenditures: Program expenses were forecasted at \$151,963 for the period January through July 2010 compared to actual expenses of \$105,504 for a deviation of \$46,459 or 30.6% under budget. Actual expenses were as follows: Solar for Schools, \$0; EarthCents Solar, \$6,438; and Renewable Energy Pilot initiatives, \$99,066.

Program Description and Progress

Program Title: Solar Thermal Water Heating Program Pilot

Program Description: Gulf Power's Solar Thermal Water Heating Pilot Program was designed to gauge utility customer interest in, and acceptance of, the technology, as well as determine what economic incentives may be most effective in increasing the public's willingness to install the technology in their homes. During the pilot in 2009, Gulf offered a \$1,000 rebate payable to customers after a qualifying system was installed by the customer and inspected by Company personnel.

Program Fiscal Expenditures: Program expenses were forecasted at \$67,081 for the period January through July 2010 in anticipation of this program continuing as part of Gulf's DSM Plan (Docket 100154-EG) currently before the Commission for approval. Minimal actual expenses of \$4,000 were incurred to close out the 2009 pilot for a deviation of \$63,081 or 94.0% under budget.

Program Description and Progress

Program Title: Energy Education Pilot Program

Program Description: The objective of the Energy Education program is to raise awareness of energy efficiency and conservation and to increase participation in conservation opportunities, including Gulf's existing and future energy efficiency and conservation programs. The Program consists of four components:

1. Consumer Awareness
2. School-Based Education
 - a. Science Teacher Training
 - b. Eighth Grade Instructional Assistance
3. Community-Based Education
4. Contractor Education

Program Projections: The Commission approved this pilot program for the year 2009 in Order No. PSC-08-0802-PAA-EG. During 2010, minimal expenses were incurred to maintain continuity anticipating a transition to the revised program included as part of Gulf's Residential Energy Audit and Education program included in Gulf's DSM Plan (Docket 100154-EG) currently before the Commission for approval.

Program Accomplishments:

School-Based Education

The School-based Education component is a training program for middle school science teachers, as well as a resource for support materials to augment the teachers' energy-related lesson plans. Gulf has partnered with the non-profit National Energy Education Development (NEED) Project to provide training and materials customized to specific school and district needs in carrying out the Florida Department of Education's Sunshine State Standards for Science.

Classroom: For the 2010-11 school year, Gulf supplied curriculum and activities in more than six different energy-related subjects ranging from energy sources to energy conservation and school energy management to 25 elementary, middle and high school classrooms. Each class also received two hands-on experiments kits - one with energy efficiency and conservation projects and one with solar energy projects - to complement the curriculum materials.

Gulf Power employees also support students' energy education through classroom demonstrations and presentations upon request.

Teacher: For the 2010-11 school year, Gulf Power provided a two-day teacher workshop in conjunction with NEED instructors. 25 elementary, middle and high school science teachers and district curriculum coordinators participated in energy efficiency/conservation and solar energy training to earn continuing education credits.

Summer camp: During the summer of 2010, Gulf Power conducted two energy summer camps - one in partnership with a community low-income program and the other with a university - providing energy efficiency and renewable energy activities for almost 50 students.

Community-Based Education

Gulf Power employees continue to provide energy efficiency awareness in the communities we serve through presentations at events and civic meetings on a regular basis.

Program Fiscal Expenditures: Program expenses were forecasted at \$151,665 for the period January through July 2010 compared to actual expenses of \$69,688 for a deviation of \$81,977 or 54.1% under budget.

Section 2 - New Programs Proposed in Gulf's DSM Plan
(Docket 100154-EG)

Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home through energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

Program Projections: Expenses of \$4,563,516 are projected for this program in 2011 as detailed in Schedule C-2(A). This program includes three measurable areas of focus:

- Energy Audit - During the recovery period, 8,220 participants are projected. A Gulf Power representative will conduct an on-site audit of a customer's home or they may opt to participate in either a mail-in or on-line, interactive version of the audit. Regardless of the method, the customer is provided with specific recommendations including available incentives and other alternatives to facilitate implementation.
- Home Energy Reporting - During the recovery period, 35,000 participants are projected. This program combines energy usage data with customer demographic information to develop specific, targeted recommendations that educate and motivate customers to reduce their energy consumption.
- School-based Awareness and Education - This program provides science-based energy-related curricula and training to science teachers which are in Gulf's service area. As a result of these efforts, during the recovery period, approximately 5,000 students will be reached.

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program will assist low-income families with escalating energy costs. Through this program, qualifying customers will not only receive the direct installation of conservation measures at no cost to them; the program will also educate families on energy efficiency techniques and behavioral changes to help control their energy use and reduce their utility operating costs.

Program Projections: For the period January 2011 through December 2011, the Company expects to implement the efficiency measures included in this program for 2,500 eligible residential customers. Expenses of \$687,863 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Landlord/Renter Custom Incentive Program

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program will promote the installation of various energy efficiency measures available through other programs including HVAC, insulation, windows, water heating, lighting, appliances, etc. including additional incentives as appropriate to overcome the split-incentive barrier which exists in a landlord/renter situation. Additionally, this program will promote the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Projections: For the period January 2011 through December 2011, the Company expects 750 program participants. Expenses of \$119,174 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: HVAC Efficiency Improvement Program

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies will be realized through:

- HVAC maintenance
- HVAC early retirement (for inefficient systems)
- HVAC upgrades
- Duct repair
- Retrofit of an electronically commutated motor fan on existing HVAC systems

Incentives will be offered to participants.

Program Projections: Expenses of \$3,367,897 are projected for this program in 2011 as detailed in Schedule C-2 (A). For the period January 2011 through December 2011, the Company expects to implement the efficiency measures included in this program for:

Program	Annual # Projected Participants (2011)
HVAC maintenance	2400
HVAC early retirement (for inefficient systems)	Tier One: 638 Tier Two: 90 Tier Three: 20
HVAC upgrades	Tier One: 510 Tier Two: 72 Tier Three: 18
Duct repair	1000
Retrofit of an electronically commutated motor fan on existing HVAC systems	400

Schedule C-5(A)
Page 15 of 36

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Heat Pump Water Heater Program

Program Description: This program will provide incentives directly to the customer for the installation of high-efficiency Heat Pump Water Heating equipment for domestic hot water production.

Program Projections: For the period January 2011 through December 2011, the Company expects 300 program participants. Expenses of \$460,413 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Ceiling Insulation Program

Program Description: This program will provide incentives to encourage customers to install high efficiency insulation or increase insulation in existing residential single-family and multi-family homes. The objective of this program is to reduce heat loss and heat gain from both conductive and convective means by increased insulation.

Program Projections: For the period January 2011 through December 2011, the Company expects 200 program participants. Expenses of \$165,621 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: High Performance Window Program

Program Description: This program will provide incentives to install high-efficiency windows or window film in existing or new residential applications. The objective of the program is to reduce solar heat gain into a home which, in turn, leads to reduced HVAC loads and operating costs.

Program Projections: For the period January 2011 through December 2011, the Company expects 200 window replacements and 100 window film program participants. Expenses of \$339,392 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Reflective Roof Program

Program Description: This program will provide incentives to install ENERGY STAR qualified cool/reflective roofing products when constructing a new home or replacing the roof on an existing residence. The objective of this program is to significantly decrease the amount of heat that is transferred through roof assemblies and into vented attic spaces which, in turn, decreases the transfer of heat into the home's conditioned living area.

Program Projections: For the period January 2011 through December 2011, the Company expects 200 reflective roof program participants. Expenses of \$202,902 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Variable Speed/Flow Pool Pump Program

Program Description: This program will provide an incentive to encourage the installation of high-efficiency variable speed or variable flow pool pumping and control equipment in both new and existing residential applications. The objective of this program is to reduce the energy, demand, and cost associated with swimming pool operation.

Program Projections: For the period January 2011 through December 2011, the Company expects 150 program participants. Expenses of \$174,885 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Energy Select

Program Description: The program is designed to provide the customer with a means of conveniently and automatically controlling and monitoring their energy purchases in response to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Projections: During the 2011 projection period, Gulf Power projects to have 1,000 installations. The program expenses are expected to be a net total of \$6,826,012 as detailed in Schedule C-2 (A).

Program Accomplishments: From January through July 2010, Energy Select experienced a net reduction of 99 participants. Although installations continue to occur at a steady pace, removals associated with customers dropping their landline phones, and, customers replacing HVAC equipment with systems utilizing variable or multi-speed compressors are occurring at a slightly higher rate. Diligent work continues to develop solutions to these issues. A new version of equipment compatible with variable or multi-speed compressors will be available for installation in January 2011. In addition, work continues with the company's ongoing AMI deployment. This integration will provide an alternative to the current dependence on land line telephone service for equipment communication.

Program Fiscal Expenditures: There were projected expenses of \$3,966,832 for the period January through July 2010 with actual expenses of \$3,753,788. This results in a deviation of \$213,044 or 5.4% under budget.

Program Progress Summary: As of July 2010, there are 8,851 participating customers.

Program Description and Progress

Program Title: Energy Select Lite Program

Program Description: This program will be a separate and complementary program offering to the existing Energy Select program. Energy Select Lite provides for expanded price responsive load management program participation from residential customers who do not meet the participation standards for Energy Select. The Energy Select Lite program does not require land-line telephone service and will be available to multi-family customers. The program is an interactive energy management system which allows residential customers to program their central heating and cooling system to automatically respond to varying prices of electricity depending upon the time of day, day of week and season, in relation to the Company's cost of producing or purchasing energy.

Program Projections: For the period January 2011 through December 2011, the Company expects 600 program participants. Expenses of \$597,861 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Self-Install Energy Efficiency Program

Program Description: This program promotes the purchase and installation of ENERGY STAR rated appliances, lighting and other self-installed energy saving measures for residential customers. The program focuses on increasing customer awareness of the benefits of energy efficient technologies and products through customer education, retail partnerships, promotional distribution of compact fluorescent light bulbs (CFLs), on-line store, energy audits and seasonal promotional campaigns.

Program Projections: Expenses of \$715,295 are projected for this program in 2011 as detailed in Schedule C-2 (A). For the period January 2011 through December 2011, the Company expects to implement the efficiency measures included in this program for:

Program	Annual # Projected Participants (2011)
ENERGY STAR Refrigerator	2,000
ENERGY STAR Freezer	400
ENERGY STAR Window A/C	300
ENERGY STAR Clothes Washer	1,500
CFL	150,000

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Refrigerator Recycling Program

Program Description: This program is intended to eliminate inefficient or extraneous refrigerators in an environmentally safe manner and produce cost-effective long-term energy and peak demand savings in the residential sector. The objective of the program is to increase customer awareness of the economic and environmental costs associated with running in-efficient, older appliances in a household, and to provide eligible customers with free refrigerator and freezer pick-up services in addition to a cash incentive.

Program Projections: For the period January 2011 through December 2011, the Company expects 1,750 program participants. Expenses of \$430,659 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to our existing commercial and industrial customers on how to reduce, and make the most efficient use of, energy. This program covers from the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large energy intensive customers. The program is designed to include semi-annual and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Projections: For the period January 2011 through December 2011, the Company expects to conduct 600 audits and incur expenses totaling \$1,049,335.

Program Accomplishments: During the January through July 2010 period, actual results were 318 audits. The total projection for 2010 is 500 audits.

Program Fiscal Expenditures: Forecasted expenses were \$393,705 for the first seven months of 2010 compared to actual expenses of \$363,811 for a deviation of \$29,894 or 7.6% under budget.

Program Progress Summary: A total of 19,715 audits have been completed since the program's inception.

Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and make improvements to the system to bring its full efficiency. This program includes air cooled and water cooled equipment - identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Projections: For the period January 2011 through December 2011, the Company expects 400 program participants. Expenses of \$274,329 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Commercial Building Efficiency Program

Program Description: This program is designed as an umbrella efficiency program for existing commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goal of the program is to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals will be accomplished through multiple options including HVAC efficiency upgrades, heat pump water heater installations, ceiling/roof insulation improvements, window film installation, interior lighting improvements, commercial occupancy sensors and commercial reflective roof installations.

Program Projections: Expenses of \$489,092 are projected for this program in 2011 as detailed in Schedule C-2(A). For the period January 2011 through December 2011, the Company expects to implement the efficiency measures included in this program for:

Program	Annual Projections (2011)
Commercial HVAC	300 tons of installed HVAC
Commercial Geothermal Heat Pump	175 tons of installed Geothermal HVAC
Heat Pump Water Heater	1 installation
Ceiling/Roof Insulation	55,130 square feet of installed insulation
Window Film	16,353 square feet of installed window film
Commercial Interior Lighting	75 kW of lighting reduction
Commercial Interior Lighting (LED)	30 kW of lighting reduction
Commercial	500 installed

Schedule C-5(A)
Page 28 of 36

Occupancy Sensor	sensors
Commercial Reflective Roof	200,000 square feet of installed reflective roof

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: HVAC Occupancy Sensor

Program Description: This program is intended to help manage energy consumption and reduce energy waste in hotel rooms by providing hotel owners in Gulf Power's service area the opportunity to automatically control temperature settings in hotel rooms when the rooms are unoccupied.

Program Projections: For the period January 2011 through December 2011, the Company projects installation of 150 sensors. Expenses of \$24,771 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: High Efficiency Motor Program

Program Description: This program is designed to encourage commercial and industrial customers to install premium-efficiency motors in new or existing facilities. The objective is to reduce demand and energy associated with electric motors by encouraging the replacement of worn out, inefficient motors with high efficiency motors.

Program Projections: Expenses of \$52,414 are projected for this program in 2011 as detailed in Schedule C-2(A). For the period January 2011 through December 2011, the Company projects installation of 4,325 HP of energy efficient motors.

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Food Service Efficiency Program

Program Description: This program encourages the installation of ENERGY STAR qualified or equivalent energy efficient commercial and industrial food service equipment. The objective of the program is to reduce energy consumption and demand as well as operating costs for the customer through the use of qualified food service equipment including convection ovens, fryers, griddles, steamers, holding cabinets and ice machines.

Program Projections: Expenses of \$43,770 are projected for this program in 2011 as detailed in Schedule C-2(A). For the period January 2011 through December 2011, the Company expects to implement the efficiency measures included in this program for:

Program	Annual Projections (2011)
Convection Oven	3
Fryer	3
Griddle	1
Steamer	0
Holding Cabinet	6
Ice Machine	12

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

Program Projections: For the period January 2011 through December 2011, the Company expects at the meter reductions of 1,200,000 kWh, 391 winter kW and 391 summer kW resulting from this program. Expenses of \$100,875 are projected for this program in 2011 as detailed in Schedule C-2(A).

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program promotes the deployment of demand-side renewable technologies through a portfolio of four programs. These programs include providing capital to supplement deployment of PV systems up to 10 kW in public education facilities (Solar for Schools), offering PV rebates and solar thermal water heating (STWH) rebates structured similarly to the state's current program administered by the Florida Energy Climate Commission (FECC) and facilitating the installation of STWH systems in low-income housing units.

Program Projections: Expenses of \$778,546 are projected for this program in 2011 as detailed in Schedule C-2(A). For the period January 2011 through December 2011, the Company expects the following results:

- Solar for Schools - PV equipment to support one school in a county served by Gulf Power
- Solar PV (residential and commercial) - 46 participants projected
- Solar Thermal Water Heating - 115 participants projected
- Solar Thermal Water Heating for Low Income - 15 installations projected

Program Accomplishments: N/A - New

Program Fiscal Expenditures: N/A - New

Program Progress Summary: N/A - New

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

McDonald's Geothermal Project - This is the first full Geothermal HVAC fast food restaurant to be constructed within Gulf Power Company's service area. The objective of this project is to demonstrate the energy and electrical demand benefits of this geothermal restaurant system as compared to other like restaurants operated by the same owner in the same geographic location. Additional benefits of developing a hot water consumption profile for this restaurant will be obtained within this project. Data collection for one year began January, 2008 and a final report was submitted September 10, 2010.

UWF BEST House - Gulf Power has entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build the BEST (Build Educate Sustain Technology) House. This is a demonstration house that will be used as an educational tool and resource for Northwest Florida.

The BEST House program's intent is to provide a home featuring energy-efficient, sustainable design techniques available to the median homebuilder and buyer of today. The 3,300 square foot, three-bedroom home is a study model featuring passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a geothermal heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products. The most ambitious goal, however, is to make this an *off-grid* project with photovoltaic panels and a battery array substantial enough to supply all of the electrical power needed on site with an excess that can be sold.

Gulf Power is acting as the primary Energy Consultant to all end uses and new technologies that will continue to be donated to this project. Gulf Power will pay for the purchase, installation and monitoring of equipment that will provide data on a wide variety of energy and water end uses.

General economic conditions affecting sponsor support and permitting problems have delayed construction of the BEST House. Construction of the garage/exposition center has been rescheduled to precede the main house to better track the national economic recovery projection. Despite the delays, all participants remain optimistic and enthusiastic about the completion and potential contributions of the BEST House.

Latest projections are for construction on the garage to be underway by October, 2010, with the main house under construction during first quarter 2011.

Electrode Boiler - This project will measure overall energy performance and verify operation of a new 3.4MW Electrode Boiler and two new 200HP natural gas boilers which produce steam for the Escambia County Jail. The Electrode Boiler is an emerging technology that has the potential, coupled with a time varying rate such as RTP, to produce steam very efficiently.

After a number of delays since its inception in 2005, the Electrode Boiler CDD Project was installed and made ready for operation in 2007. For various reasons, including newness of the technology, relative costs of electricity and natural gas, operator proficiency, etc., the County has not yet operated the boiler for any extended period of time. A final report on this project was submitted September 10, 2010.

Variable-Speed Pool Pump - Two residential pool pumping configurations will be monitored and data gathered to determine and compare the kW and kWh consumption of the existing, conventional pumps, relative to the more technologically advanced and energy-efficient variable-speed pumping technology. This data will be gathered for both pumps under normal, but varied, operational scenarios such as long-term water filtration and short-term pool maintenance.

Monitoring of the conventional pumps began July, 2009, and monitoring of the variable-speed pumps began October, 2009. To date, monitoring results indicate significant kWh reduction potential and even larger kW reduction potential. A final report should be available by the end of first quarter, 2011.

Energy Select Electric Vehicle Project - In 2010, Gulf Power began conducting a demonstration project to obtain experience and collect data on a Plug-In Electric Hybrid Vehicle (PHEV). Of particular interest are the effects on the grid when charged at the premise of a customer on the Energy Select (CPP) rate schedule. The data collected is intended to include energy flows, operational characteristics and costs. The vehicle being used in the demonstration project is a Toyota Prius.

This project should continue through 2010, with a final report to be submitted in 2011.

Program Fiscal Expenditures: Program expenses were forecasted at \$107,502 for the period January through July 2010 compared to actual expenses of \$44,388 for a deviation of \$63,114 or 58.7% under budget. Project expenses were as follows: Electrode Boiler, \$5,528; McDonald's Geothermal, \$5,528; UWF BEST House, \$5,528; Variable-Speed Pool Pump, \$5,528; Energy Select Vehicle, \$22,276.

Schedule C-1 (B)
Page 1 of 3

GULF POWER COMPANY

ENERGY CONSERVATION CLAUSE
SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION

For the Period: January, 2011 Through December, 2011

	<u>\$</u>
1. Net Program Costs: Projected for 2011 (Schedule C-2(B) Page 1 of 7, Line 12)	11,639,775
2. True Up: Estimated 2010 (Jan-Jul Actual; Aug-Dec Est.) (Schedule C-3(B), Page 3 of 8)	<u>(3,210,111)</u>
3. Total (Line 1 + Line 2)	<u>8,429,664</u>
4. Cost Subject to Revenue Taxes	8,429,664
5. Revenue Tax	<u>1.00072</u>
6. Total Recoverable Cost	<u>8,435,734</u>

Program costs are split in proportion to the current period split of demand-related and energy-related costs, see below. The allocation of projected ECCR costs between demand and energy is shown on Schedule C-2(B), page 2 of 7, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

7. Total Cost	8,435,734
8. Energy Related Costs	6,030,491
9. Demand Related Costs (total)	2,405,243
10. Demand Costs Allocated on 12 CP	2,220,224
11. Demand Costs Allocated on 1/13 th	185,019

	Energy \$	Demand \$ Half of Energy Select	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes
	\$	\$	\$	\$	\$	\$
12. Est/Actual 2010	6,758,691	3,597,714	10,356,405	(2,096,427)	(1,115,995)	(3,212,422)
13. Percentage	65.26%	34.74%	100.00%			
14. Projected 2011	8,120,770	3,519,005	11,639,775	8,126,918	3,521,238	11,648,156
15. Percentage	69.77%	30.23%	100.00%			
16. Total				<u>6,030,491</u>	<u>2,405,243</u>	<u>8,435,734</u>

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2011 Through December, 2011

Rate Class	A	B	C	D	E	F	G	H	I
	Average 12 CP Load Factor at Meter	Jan - Dec 2011 Projected KWH Sales at Meter	Projected Avg 12 CP KW at Meter	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Jan - Dec 2011 Projected KWH Sales at Generation	Projected Avg 12 CP KW at Generation	Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation
RS, RSVP	57.312955%	5,239,716,000	1,043,640.30	1.00486476	1.00530097	5,267,491,577	1,048,717.36	47.10606%	55.89480%
GS	63.216034%	296,919,000	53,617.51	1.00485887	1.00529775	298,492,003	53,878.03	2.66935%	2.87160%
GSD, GSDT, GSTOU	73.903822%	2,046,139,000	316,056.06	1.00470565	1.00516604	2,056,709,436	317,543.31	18.39271%	16.92450%
LP, LPT	84.021171%	2,365,807,000	321,430.05	0.98422595	0.98911989	2,340,066,760	316,359.80	20.92672%	16.86142%
PX, PXT, RTP, SBS	94.359108%	1,086,020,000	131,386.24	0.97443817	0.98057253	1,064,921,379	128,027.77	9.52337%	6.82366%
OS - I / II	178.491660%	116,194,000	7,431.25	1.00468934	1.00529485	116,809,230	7,466.10	1.04460%	0.39793%
OS-III	101.451511%	37,508,000	4,220.47	1.00511513	1.00526827	37,705,602	4,242.06	0.33719%	0.22609%
TOTAL		<u>11,188,303,000</u>	<u>1,877,781.88</u>			<u>11,182,195,987</u>	<u>1,876,234.43</u>	<u>100.00000%</u>	<u>100.00000%</u>

Notes:

Col A = Average 12 CP load factor based on actual 2009 load research data.
Col C = Col B / (8760 hours x Col A), 8,760 is the number of hours in 12 months.
Col F = Col B x Col E
Col G = Col C x Col D
Col H = Col F / Total Col F
Col I = Col G / Total Col G

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2011 Through December, 2011

Rate Class	A Jan - Dec 2011 Percentage of KWH Sales at Generation	B Percentage of 12 CP KW Demand at Generation	C Demand Allocation 12CP	D 1/13 th	E Energy Allocation	F Total Conservation Costs	G Jan - Dec 2011 Projected KWH Sales at Meter	H Conservation Recovery Factor cents per KWH
RS, RSVP	47.10606%	55.89480%	\$1,240,989	\$87,155	\$2,840,726	\$4,168,870	5,239,716,000	0.080
GS	2.66935%	2.87160%	63,756	4,939	160,975	229,670	296,919,000	0.077
GSD, GSDT, GSTOU	18.39271%	16.92450%	375,762	34,030	1,109,171	1,518,963	2,046,139,000	0.074
LP, LPT	20.92672%	16.86142%	374,361	38,718	1,261,984	1,675,063	2,365,807,000	0.071
PX, PXT, RTP, SBS	9.52337%	6.82366%	151,501	17,620	574,306	743,427	1,086,020,000	0.068
OS - I / II	1.04460%	0.39793%	8,835	1,933	62,995	73,763	116,194,000	0.063
OS-III	0.33719%	0.22609%	5,020	624	20,334	25,978	37,508,000	0.069
TOTAL	100.00000%	100.00000%	\$2,220,224	\$185,019	\$6,030,491	\$8,435,734	11,188,303,000	

Notes:

- A Obtained from Schedule C-1(B), page 2 of 3, col H
- B Obtained from Schedule C-1(B), page 2 of 3, col I
- C Total from C-1(B), page 1, line 10 * col B
- D Total from C-1(B), page 1, line 11 * col A
- E Total from C-1(B), page 1, line 8 * col A
- F Total Conservation Costs
- G Projected kwh sales for the period January 2011 through December 2011
- H Col F / G

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM NET COSTS
For the Period: January, 2011 Through December, 2011

Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
1. Residential Energy Surveys	17,611	1,076,310	260,153	0	203,451	0	1,557,525	0	1,557,525
2. Residential Geothermal Heat Pump	0	119,120	32,375	0	2,500	280,000	433,995	0	433,995
3. Energy Select	2,034,704	1,339,033	4,235,162	0	375,000	0	7,983,899	945,888	7,038,011
4. Commercial / Industrial Energy Analysis	0	538,126	145,846	0	4,072	0	688,044	0	688,044
5. GoodCents Commercial Buildings	0	522,954	71,351	0	17,125	0	611,430	0	611,430
6. Commercial Geothermal Heat Pump	0	66,463	5,120	0	1,000	88,000	160,583	0	160,583
7. Energy Services	0	0	0	0	0	150,000	150,000	0	150,000
8. Renewable Energy									
a. Solar for Schools	18,546	25,200	2,800	0	0	0	46,546	0	46,546
b. Solar Thermal Water Heating	0	18,000	2,000	0	0	100,000	120,000	0	120,000
c. Solar PV	0	78,300	8,700	0	0	435,000	522,000	0	522,000
d. Solar Thermal Water Heating for Low-Income	0	13,500	1,500	0	0	75,000	90,000	0	90,000
9. Conservation Demonstration and Development	0	87,230	134,411	0	0	0	221,641	0	221,641
10. Total All Programs	2,070,861	3,884,236	4,899,418	0	603,148	1,128,000	12,585,663	945,888	11,639,775
11. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
12. Net Program Costs	2,070,861	3,884,236	4,899,418	0	603,148	1,128,000	12,585,663	945,888	11,639,775

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)
For the Period: January, 2011 Through December, 2011

Programs

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	12 MONTH	DEMAND	ENERGY
1. Residential Energy Surveys	98,730	98,193	101,687	163,113	106,389	161,202	217,605	103,925	101,377	153,641	110,067	141,595	1,557,525	0	1,557,525
2. Residential Geothermal Heat Pump	14,954	15,680	18,139	19,476	21,439	43,448	48,885	46,600	48,821	50,201	50,413	55,940	433,995	0	433,995
3. Energy Select	550,160	551,780	538,119	558,986	579,689	564,227	638,260	586,881	579,256	559,472	731,983	599,218	7,038,011	3,519,005	3,519,006
4. Commercial / Industrial Energy Analysis	73,328	47,597	51,273	49,507	55,676	50,825	73,156	50,363	50,001	51,552	62,903	71,863	688,044	0	688,044
5. GoodCents Commercial Buildings	45,289	45,410	46,990	46,849	46,881	47,597	69,078	47,402	47,956	50,269	49,142	68,567	611,430	0	611,430
6. Commercial Geothermal Heat Pump	12,494	12,494	12,642	12,642	12,642	12,656	15,187	12,656	12,656	14,676	13,666	16,174	160,583	0	160,583
7. Energy Services	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	150,000	0	150,000
8. Renewable Energy															
a. Solar for Schools	2,122	2,122	2,177	2,400	3,392	3,385	4,572	4,581	4,567	4,772	5,749	6,707	46,546	0	46,546
b. Solar Thermal Water Heating	9,849	9,849	9,889	9,891	9,891	9,892	10,587	9,892	9,892	9,892	9,892	10,584	120,000	0	120,000
c. Solar PV	42,843	42,843	43,015	43,024	43,024	43,028	46,054	43,028	43,028	43,028	43,028	46,057	522,000	0	522,000
d. Solar Thermal Water Heating for Low-Income	7,387	7,387	7,416	7,418	7,418	7,419	7,940	7,419	7,419	7,419	7,419	7,939	90,000	0	90,000
9. Conservation Demonstration and Development	12,669	12,287	14,775	13,541	16,137	17,406	21,530	18,741	19,706	20,775	23,955	29,919	221,641	0	221,641
10. Total All Programs	882,524	858,142	858,622	939,327	915,078	973,585	1,165,354	943,987	937,179	978,197	1,120,717	1,067,063	11,639,775	3,519,005	8,120,770
11. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Recoverable Conservation Expenses	882,524	858,142	858,622	939,327	915,078	973,585	1,165,354	943,987	937,179	978,197	1,120,717	1,067,063	11,639,775	3,519,005	8,120,770

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Flow Meter
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant in Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	
3.	Depreciation Expense (A)		96	96	96	96	96	96	96	96	96	96	96	96	1,152
4.	Cumulative Plant in Service Additions	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	8,094	
5.	Less: Accumulated Depreciation	6,937	7,033	7,129	7,225	7,321	7,417	7,513	7,609	7,705	7,801	7,897	7,993	8,089	
6.	Net Plant in Service (Line 4 - 5)	1,157	1,061	965	869	773	677	581	485	389	293	197	101	5	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	1,157	1,061	965	869	773	677	581	485	389	293	197	101	5	
11.	Average Net Investment		1,109	1,013	917	821	725	629	533	437	341	245	149	53	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		10	10	9	8	7	6	5	4	3	2	1	0	65
14.	Property Taxes		74	74	74	74	74	72	72	72	72	72	72	73	874
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		180	180	179	178	177	174	173	172	171	170	169	169	2,091

Notes:

(A) Flow Meter is Seven year Property 1.1905% per month

(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Display Cases
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	
3.	Depreciation Expense (A)		164	164	164	164	164	164	164	164	164	164	164	164	1,968
4.	Cumulative Plant in Service Additions	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	
5.	Less: Accumulated Depreciation	1,974	2,138	2,302	2,466	2,630	2,794	2,958	3,122	3,286	3,450	3,614	3,778	3,942	
6.	Net Plant in Service (Line 4 - 5)	11,840	11,676	11,512	11,348	11,184	11,020	10,856	10,692	10,528	10,364	10,200	10,036	9,872	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	11,840	11,676	11,512	11,348	11,184	11,020	10,856	10,692	10,528	10,364	10,200	10,036	9,872	
11.	Average Net Investment		11,758	11,594	11,430	11,266	11,102	10,938	10,774	10,610	10,446	10,282	10,118	9,954	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		111	109	108	106	105	103	102	100	99	97	95	94	1,229
14.	Property Taxes		74	74	74	74	74	72	72	72	72	72	72	73	874
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		349	347	346	344	343	339	338	336	335	333	331	331	4,071

Notes:

- (A) Displays are Seven year Property 1.1905% per month
(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Thermal Imaging Tools
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	
3.	Depreciation Expense (A)		543	543	543	543	543	543	543	543	543	543	543	543	6,516
4.	Cumulative Plant in Service Additions	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	
5.	Less: Accumulated Depreciation	6,522	7,065	7,608	8,151	8,694	9,237	9,780	10,323	10,866	11,409	11,952	12,495	13,038	
6.	Net Plant in Service (Line 4 - 5)	39,131	38,588	38,045	37,502	36,959	36,416	35,873	35,330	34,787	34,244	33,701	33,158	32,615	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	39,131	38,588	38,045	37,502	36,959	36,416	35,873	35,330	34,787	34,244	33,701	33,158	32,615	
11.	Average Net Investment		38,859	38,316	37,773	37,230	36,687	36,144	35,601	35,058	34,515	33,972	33,429	32,886	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		367	361	356	351	346	341	336	331	326	320	315	310	4,060
14.	Property Taxes		74	74	74	74	74	72	72	72	72	72	72	73	874
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		984	978	973	968	963	956	951	946	941	935	930	926	11,450

Notes:

(A) Thermal Imaging Tools are Seven year Property 1.1905% per month

(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Energy Select
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant in Service (Net of Retirements)		77,563	77,563	77,563	96,655	115,747	134,840	142,293	142,293	122,145	101,998	81,850	56,665	
2.	Depreciation Base	10,981,139	11,058,702	11,136,265	11,213,827	11,310,482	11,426,230	11,561,070	11,703,363	11,845,656	11,967,801	12,069,799	12,151,649	12,208,314	
3.	Depreciation Expense (A)		25,257	25,435	25,613	25,792	26,014	26,280	26,590	26,918	27,245	27,526	27,761	27,949	318,380
4.	Cumulative Plant in Service Additions	10,981,139	11,058,702	11,136,265	11,213,827	11,310,482	11,426,230	11,561,070	11,703,363	11,845,656	11,967,801	12,069,799	12,151,649	12,208,314	
5.	Less: Accumulated Depreciation	(524,583)	(499,326)	(473,891)	(448,278)	(422,486)	(396,472)	(370,192)	(343,602)	(316,684)	(289,439)	(261,913)	(234,152)	(206,203)	
6.	Net Plant in Service (Line 4 - 5)	11,505,723	11,558,028	11,610,156	11,662,106	11,732,969	11,822,702	11,931,262	12,046,965	12,162,340	12,257,240	12,331,712	12,385,801	12,414,517	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	1,233,594	1,754,261	1,897,292	2,036,203	2,158,850	2,262,657	2,342,710	2,398,529	2,449,156	2,497,180	2,557,937	2,639,479	2,578,601	
10.	Net Investment (Line 6 + 8 + 9)	12,739,317	13,312,289	13,507,448	13,698,309	13,891,819	14,085,359	14,273,971	14,445,494	14,611,496	14,754,420	14,889,649	15,025,279	14,993,118	
11.	Average Net Investment		13,025,803	13,409,868	13,802,878	13,795,064	13,988,589	14,179,665	14,359,733	14,528,495	14,682,958	14,822,034	14,957,464	15,009,199	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		122,885	126,509	128,330	130,143	131,968	133,771	135,470	137,062	138,519	139,831	141,109	141,597	1,607,194
14.	Property Taxes		9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,094	9,096	109,130
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		157,236	161,038	163,037	165,029	167,076	169,145	171,154	173,074	174,858	176,451	177,964	178,642	2,034,704

Notes:
(A) Energy Select Property Additions Depreciated at 2.8% per year
(B) Revenue Requirement Return is 11.321%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Solar for Schools
For the Period: January, 2011 Through December, 2011

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	46,667			46,667			46,666			
2.	Depreciation Base	0	0	0	0	46,667	46,667	46,667	93,334	93,334	93,334	140,000	140,000	140,000	
3.	Depreciation Expense (A)		0	0	0	0	775	775	775	1,549	1,549	1,549	2,324	2,324	11,620
4.	Cumulative Plant in Service Additions	0	0	0	0	46,667	46,667	46,667	93,334	93,334	93,334	140,000	140,000	140,000	
5.	Less: Accumulated Depreciation	0	0	0	0	0	775	1,550	2,325	3,874	5,423	6,972	9,296	11,620	
6.	Net Plant in Service (Line 4 - 5)	0	0	0	0	46,667	45,892	45,117	91,009	89,460	87,911	133,028	130,704	128,380	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0													
10.	Net Investment (Line 6 + 8 + 9)	0	0	0	0	46,667	45,892	45,117	91,009	89,460	87,911	133,028	130,704	128,380	
11.	Average Net Investment		0	0	0	23,334	46,280	45,505	68,063	90,235	88,686	110,470	131,866	129,542	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
13.	Return Requirement on Average Net Investment		0	0	0	220	437	429	642	851	837	1,042	1,244	1,222	6,924
14.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	2	2
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		0	0	0	220	1,212	1,204	1,417	2,400	2,386	2,591	3,568	3,548	18,546

Notes:

- (A) Solar for Schools Depreciated at 20.0% per year
(B) Revenue Requirement Return is 11.321%

Schedule C-3 (B)
Page 1 of 8

<p style="text-align: center;">GULF POWER COMPANY ENERGY CONSERVATION CLAUSE CONSERVATION PROGRAM NET COST January, 2010 Through July, 2010, Actual August, 2010 Through December 2010, Estimated</p>								
Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials Vehicles & Expenses	Advertising	Incentives	Total Costs	Program Fees	Net Costs
1. Residential Energy Surveys								
a. Actual	9,846.36	550,999.60	101,426.71	17,807.15	0.00	680,079.82	0.00	680,079.82
b. Estimated August through December	6,401.31	393,571.14	72,447.65	12,719.39	0.00	485,139.50	0.00	485,139.50
c. Total	16,247.67	944,570.74	173,874.36	30,526.54	0.00	1,165,219.32	0.00	1,165,219.32
2. Residential Geothermal Heat Pump								
a. Actual	0.00	53,747.92	10,711.52	454.82	68,000.00	132,914.26	0.00	132,914.26
b. Estimated August through December	0.00	38,391.37	7,851.09	324.87	48,571.43	94,938.76	0.00	94,938.76
c. Total	0.00	92,139.29	18,562.61	779.69	116,571.43	227,853.02	0.00	227,853.02
3. Energy Select								
a. Actual	1,081,145.39	784,792.83	2,139,521.36	188,103.12	0.00	4,193,562.70	439,775.04	3,753,787.66
b. Estimated August through December	778,709.22	560,566.31	1,528,229.54	134,359.37	0.00	3,001,864.44	356,200.00	2,645,664.44
c. Total	1,859,854.61	1,345,359.14	3,667,750.90	322,462.49	0.00	7,195,427.14	795,975.04	6,399,452.10
4. Commercial / Industrial Energy Analysis								
a. Actual	0.00	299,110.05	64,351.12	350.00	0.00	363,811.17	0.00	363,811.17
b. Estimated August through December	0.00	213,650.04	45,965.09	250.00	0.00	259,865.12	0.00	259,865.12
c. Total	0.00	512,760.09	110,316.21	600.00	0.00	623,676.29	0.00	623,676.29
5. GoodCents Commercial Buildings								
a. Actual	0.00	261,854.76	31,264.99	(880.00)	0.00	292,239.75	0.00	292,239.75
b. Estimated August through December	0.00	187,039.11	22,332.14	0.00	0.00	209,371.25	0.00	209,371.25
c. Total	0.00	448,893.87	53,597.13	(880.00)	0.00	501,611.00	0.00	501,611.00
6. Commercial Geothermal Heat Pump								
a. Actual	0.00	28,820.96	3,482.55	0.00	7,200.00	39,483.51	0.00	39,483.51
b. Estimated August through December	0.00	20,586.40	2,473.25	0.00	5,142.86	28,202.51	0.00	28,202.51
c. Total	0.00	49,407.36	5,955.80	0.00	12,342.86	67,686.02	0.00	67,686.02
7. Energy Services								
a. Actual	0.00	0.00	0.00	0.00	58,480.00	58,480.00	0.00	58,480.00
b. Estimated August through December	0.00	0.00	0.00	0.00	41,771.43	41,771.43	0.00	41,771.43
c. Total	0.00	0.00	0.00	0.00	100,251.43	100,251.43	0.00	100,251.43
8. Renewable Energy								
a. Solar for Schools								
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated August through October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. EarthCents Solar								
a. Actual	0.00	2,217.27	4,221.21	0.00	0.00	6,438.48	0.00	6,438.48
b. Estimated August through October	0.00	950.26	1,809.09	0.00	0.00	2,759.35	0.00	2,759.35
c. Total	0.00	3,167.53	6,030.30	0.00	0.00	9,197.83	0.00	9,197.83
c. Renewable Energy Initiatives								
a. Actual	0.00	76,133.89	22,932.34	0.00	0.00	99,066.23	0.00	99,066.23
b. Estimated August through October	0.00	32,628.81	9,828.15	0.00	0.00	42,456.96	0.00	42,456.96
c. Total	0.00	108,762.70	32,760.49	0.00	0.00	141,523.19	0.00	141,523.19
9. Renewable Energy (NEW)								
a. Solar for Schools								
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated November through December	0.00	3,778.00	466.00	0.00	0.00	4,244.00	0.00	4,244.00
c. Total	0.00	3,778.00	466.00	0.00	0.00	4,244.00	0.00	4,244.00
b. Solar Thermal Water Heating								
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated November through December	0.00	2,698.00	334.00	0.00	16,666.00	19,698.00	0.00	19,698.00
c. Total	0.00	2,698.00	334.00	0.00	16,666.00	19,698.00	0.00	19,698.00
c. Solar PV								
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated November through December	0.00	11,736.00	1,450.00	0.00	72,500.00	85,686.00	0.00	85,686.00
c. Total	0.00	11,736.00	1,450.00	0.00	72,500.00	85,686.00	0.00	85,686.00
d. Solar Thermal Water Heating for Low-Income								
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated November through December	0.00	2,024.00	250.00	0.00	12,500.00	14,774.00	0.00	14,774.00
c. Total	0.00	2,024.00	250.00	0.00	12,500.00	14,774.00	0.00	14,774.00
10. Conservation Demonstration and Development								
a. Electrode Boiler	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
b. McDonald's Geothermal Project	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
c. UWF Best House	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
d. Variable Speed Pool Pump	0.00	3,055.94	2,472.42	0.00	0.00	5,528.36	0.00	5,528.36
e. Energy Select Vehicle	0.00	3,055.88	19,218.22	0.00	0.00	22,274.10	0.00	22,274.10
f. Total Actual	0.00	15,279.64	29,107.90	0.00	0.00	44,387.54	0.00	44,387.54
b. Estimated August through December	0.00	10,914.03	20,791.36	0.00	0.00	31,705.39	0.00	31,705.39
g. Total	0.00	26,193.67	49,899.26	0.00	0.00	76,092.93	0.00	76,092.93
11. Solar Thermal Water Heating								
a. Actual	0.00	0.00	0.00	0.00	4,000.00	4,000.00	0.00	4,000.00
b. Estimated August through December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	0.00	0.00	0.00	4,000.00	4,000.00	0.00	4,000.00
12. Energy Education								
a. Actual	0.00	68,765.28	922.87	0.00	0.00	69,687.95	0.00	69,687.95
b. Estimated August through December	0.00	49,118.06	659.05	0.00	0.00	49,777.11	0.00	49,777.11
c. Total	0.00	117,883.34	1,581.72	0.00	0.00	119,465.06	0.00	119,465.06
13. a. Actual	1,090,991.75	2,141,722.20	2,407,922.37	205,835.09	137,680.00	5,984,151.41	439,775.04	5,544,376.37
b. Estimated	785,110.53	1,527,651.53	1,714,686.39	147,653.64	197,151.71	4,372,253.80	356,200.00	4,016,053.80
14. Total All Programs	1,876,102.28	3,669,373.73	4,122,608.76	353,488.73	334,831.71	10,356,405.21	795,975.04	9,560,430.17

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM COSTS (Exclusive of Program Fees)
For the Period January, 2010 Through July, 2010, Actual
August, 2010 Through December 2010, Estimated

	ACTUAL							ESTIMATED							TOTAL ACTUAL & ESTIMATED COSTS
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	TOTAL ACT	AUG	SEP	OCT	NOV	DEC	TOTAL EST	
1. Residential Energy Surveys	123,964.72	99,785.52	137,045.98	133,709.28	(13,494.99)	97,501.68	101,567.63	680,079.82	97,028.00	97,028.00	97,028.00	97,028.00	97,027.50	485,139.50	1,165,219.32
2. Residential Geothermal Heat Pump	14,992.83	10,433.61	15,727.32	25,491.33	17,755.63	18,234.40	30,279.14	132,914.26	18,988.00	18,988.00	18,988.00	18,988.00	18,986.76	94,938.76	227,853.02
3. Energy Select	493,549.47	589,178.61	608,507.03	606,966.13	692,263.66	620,607.21	582,490.59	4,193,562.70	600,373.00	600,373.00	600,373.00	600,373.00	600,372.44	3,001,864.44	7,195,427.14
4. Commercial / Industrial Energy Analysis	66,678.41	46,821.00	44,572.04	46,306.11	64,039.80	49,372.14	46,021.67	363,811.17	51,973.00	51,973.00	51,973.00	51,973.00	51,973.12	259,865.12	623,676.29
5. GoodCents Commercial Buildings	38,819.52	36,642.39	38,580.67	35,738.41	61,267.93	40,622.19	40,568.64	292,239.75	41,874.00	41,874.00	41,874.00	41,874.00	41,875.25	209,371.25	501,611.00
6. Commercial Geothermal Heat Pump	3,419.19	10,989.94	4,302.31	5,381.94	6,051.78	6,495.69	2,842.66	39,483.51	5,641.00	5,641.00	5,641.00	5,641.00	5,638.51	28,202.51	67,686.02
7. Energy Services	0.00	58,480.00	0.00	0.00	0.00	0.00	0.00	58,480.00	8,354.00	8,354.00	8,354.00	8,354.00	8,355.43	41,771.43	100,251.43
8. Renewable Energy															
a. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Earth Cents Solar	877.47	855.16	863.72	970.05	980.28	942.40	949.40	6,438.48	552.00	552.00	552.00	552.00	551.35	2,759.35	9,197.83
c. Renewable Energy Initiatives	13,537.76	12,215.84	12,273.81	13,718.31	18,889.11	12,570.96	16,060.44	99,066.23	8,491.00	8,491.00	8,491.00	8,491.00	8,492.96	42,456.96	141,523.19
9. Renewable Energy (NEW)															
a. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,122.00	2,122.00	4,244.00	4,244.00
b. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,849.00	9,849.00	19,698.00	19,698.00
c. Solar PV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42,843.00	42,843.00	85,686.00	85,686.00
d. Solar Thermal Water Heating for Low-income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,387.00	7,387.00	14,774.00	14,774.00
10. Conservation Demonstration and Development									6,341.00	6,341.00	6,341.00	6,341.00	6,341.39	31,705.39	76,092.93
a. Electrode Boiler	780.72	926.48	776.44	714.61	997.90	336.71	995.50	5,528.36							
b. McDonald's Geothermal Project	780.72	926.48	776.44	714.61	997.90	336.71	995.50	5,528.36							
c. UWF Best House	780.72	926.48	776.44	714.61	997.90	336.71	995.50	5,528.36							
d. Variable Speed Pool Pump	780.72	926.48	776.44	714.61	997.90	336.71	995.50	5,528.36							
e. EnergySelect Electric Vehicle	1,184.70	17,111.98	776.48	870.92	997.85	336.71	995.46	22,274.10							
11. Solar Thermal Water Heating	1,000.00	(2,000.00)	1,000.00	4,000.00	0.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	4,000.00
12. Energy Education	6,450.51	7,888.33	7,472.46	7,472.46	12,150.83	12,978.35	15,275.01	69,687.95	9,955.00	9,955.00	9,955.00	9,955.00	9,957.11	49,777.11	119,465.06
12. Total All Programs	767,597.46	892,108.30	874,227.58	883,483.38	864,693.48	861,008.57	841,032.64	5,984,151.41	849,570.00	849,570.00	849,570.00	911,771.00	911,772.82	4,372,253.82	10,356,405.21
13. Less: Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Conservation Expenses	767,597.46	892,108.30	874,227.58	883,483.38	864,693.48	861,008.57	841,032.64	5,984,151.41	849,570.00	849,570.00	849,570.00	911,771.00	911,772.82	4,372,253.82	10,356,405.21

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
ESTIMATED TRUE-UP
For the Period: January, 2010 through December, 2010

<u>Conservation Revenues</u>	<u>ACTUAL JAN</u>	<u>ACTUAL FEB</u>	<u>ACTUAL MARCH</u>	<u>ACTUAL APRIL</u>	<u>ACTUAL MAY</u>	<u>ACTUAL JUNE</u>	<u>ACTUAL JULY</u>	<u>ESTIMATED AUGUST</u>	<u>ESTIMATED SEPTEMBER</u>	<u>ESTIMATED OCTOBER</u>	<u>ESTIMATED NOVEMBER</u>	<u>ESTIMATED DECEMBER</u>	<u>TOTAL</u>
1. <i>Energy Select Program Revenues</i>	61,944.04	59,826.13	60,536.73	55,122.11	58,485.41	71,125.13	72,735.49	69,320.00	70,472.00	71,432.00	72,200.00	72,776.00	795,975.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
2. Conservation Revenues	1,000,637.40	913,381.83	781,078.01	743,374.65	1,006,672.31	1,143,298.17	1,237,714.58	1,152,820.72	1,006,303.38	898,283.65	765,558.95	842,610.27	11,491,733.92
3. Total Revenues	1,062,581.44	973,207.96	841,614.74	798,496.76	1,065,157.72	1,214,423.30	1,310,450.07	1,222,140.72	1,076,775.38	969,715.65	837,758.95	915,386.27	12,287,708.96
4. Adjustment not Applicable to Period - Prior True Up	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.62)	(53,023.00)
5. Conservation Revenues Applicable to Period	1,058,162.86	968,789.38	837,196.16	794,078.18	1,060,739.14	1,210,004.72	1,306,031.49	1,217,722.14	1,072,356.80	965,297.07	833,340.37	910,967.65	12,234,685.96
6. Conservation Expenses (Form C-3 (B) Page 2 of 8)	767,597.46	892,108.30	874,227.58	883,483.38	864,693.48	861,008.57	841,032.64	849,570.00	849,570.00	849,570.00	911,771.00	911,772.82	10,356,405.23
7. True Up this Period (Line 5 minus Line 6)	290,565.40	76,681.08	(37,031.42)	(89,405.20)	196,045.66	348,996.15	464,998.85	368,152.14	222,786.80	115,727.07	(78,430.63)	(805.17)	1,878,280.73
8. Interest Provision this Period (C-3 (B) Page 4 of 8, Line	236.68	274.76	285.75	288.63	387.69	549.04	609.44	640.10	710.22	750.91	756.47	748.43	6,238.12
9. True Up & Interest Provision Beginning of Month	1,272,569.44	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,930,192.83	3,158,108.43	3,279,004.99	3,205,749.41	1,272,569.44
10. Prior True Up Collected or Refunded	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.62	53,023.00
11. End of Period- Net True Up	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,930,192.83	3,158,108.43	3,279,004.99	3,205,749.41	3,210,111.29	3,210,111.29

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
INTEREST CALCULATION
For the Period: January, 2010 through December, 2010

Interest Provision	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Beginning True up Amount	1,272,569.44	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,930,192.83	3,158,108.43	3,279,004.99	3,205,749.41	
2. Ending True up before Interest	1,567,553.42	1,648,889.75	1,616,551.68	1,531,850.81	1,732,603.68	2,086,406.10	2,556,372.57	2,929,552.73	3,157,398.21	3,278,254.08	3,204,992.94	3,209,362.86	
3. Total Beginning & Ending Balances	2,840,122.86	3,216,679.85	3,265,716.21	3,148,688.25	3,264,743.13	3,819,397.48	4,643,327.72	5,486,534.75	6,087,591.04	6,436,362.51	6,483,997.93	6,415,112.27	
4. Average True up Amount	1,420,061.43	1,608,339.93	1,632,858.11	1,574,344.12	1,632,371.56	1,909,698.74	2,321,663.86	2,743,267.37	3,043,795.51	3,218,181.25	3,241,998.96	3,207,556.13	
5. Interest Rate First Day Reporting Business Month	0.20	0.20	0.21	0.21	0.23	0.34	0.35	0.28	0.28	0.28	0.28	0.28	
6. Interest Rate First Day Subsequent Business Month	0.20	0.21	0.21	0.23	0.34	0.35	0.28	0.28	0.28	0.28	0.28	0.28	
7. Total of Lines 5 and 6	0.40	0.41	0.42	0.44	0.57	0.69	0.63	0.56	0.56	0.56	0.56	0.56	
8. Average Interest rate (50% of Line 7)	0.2000	0.2050	0.2100	0.2200	0.2850	0.3450	0.3150	0.2800	0.2800	0.2800	0.2800	0.2800	
9. Monthly Average Interest Rate Line 8 / 12 months	0.000167	0.000171	0.000175	0.000183	0.000238	0.000288	0.000263	0.000233	0.000233	0.000233	0.000233	0.000233	
10. Interest Provision (line 4 X 9)	236.68	274.76	285.75	288.63	387.69	549.04	609.44	640.10	710.22	750.91	756.47	748.43	6,238.12

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
RESIDENTIAL ENERGY SURVEYS - FLOW METER
For the Period January, 2010 Through December, 2010

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments Added to Plant in Service		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2. Depreciable Base - Total	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
3. Depreciation Expense (A)		96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	1,156.20
4. Cumulative Plant in Service Additions	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
5. Salvage, Cost of Removal and Retirement														
6. Less: Accumulated Depreciation	5,781.02	5,877.37	5,973.72	6,070.07	6,166.42	6,262.77	6,359.12	6,455.47	6,551.82	6,648.17	6,744.52	6,840.87	6,937.22	
7. Net Plant in Service (Line 4 - 6)	2,312.54	2,216.19	2,119.84	2,023.49	1,927.14	1,830.79	1,734.44	1,638.09	1,541.74	1,445.39	1,349.04	1,252.69	1,156.34	
8. Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11. Net Investment	2,312.54	2,216.19	2,119.84	2,023.49	1,927.14	1,830.79	1,734.44	1,638.09	1,541.74	1,445.39	1,349.04	1,252.69	1,156.34	
12. Average Net Investment		2,264.37	2,168.02	2,071.67	1,975.32	1,878.96	1,782.62	1,686.26	1,589.92	1,493.56	1,397.21	1,300.86	1,204.51	
13. Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14. Return Requirement on Average Net Investment		21.36	20.45	19.54	18.64	17.73	16.82	15.91	15.00	14.09	13.18	12.27	11.36	196.35
15. Property Tax		5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.51	66.23
16. Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		123.23	122.32	121.41	120.51	119.60	118.69	117.78	116.87	115.96	115.05	114.14	113.22	1,418.78

Notes:

- (A) Flow Meter is Seven year Property 1.1905% per month
(B) Revenue Requirement Return (Includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Thermal Imaging Tools
For the Period January, 2010 Through December, 2010

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments Added to Plant In Service		0.00	1.58	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	
2. Depreciable Base	45,651.12	45,651.12	45,652.70	45,652.70	45,652.70	45,652.70	45,652.71	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
3. Depreciation Expense (A)		543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.48	543.48	543.48	543.48	543.48	6,521.69
4. Cumulative Plant in Service Additions	45,651.12	45,651.12	45,652.70	45,652.70	45,652.70	45,652.70	45,652.71	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
5. Salvage, Cost of Removal and Retirement														
6. Less: Accumulated Depreciation	0.00	543.47	1,086.94	1,630.41	2,173.88	2,717.35	3,260.82	3,804.29	4,347.77	4,891.25	5,434.73	5,978.21	6,521.69	
7. Net Plant In Service (Line 4 - 6)	45,651.12	45,107.65	44,565.76	44,022.29	43,478.82	42,935.35	42,391.89	41,848.41	41,304.93	40,761.45	40,217.97	39,674.49	39,131.01	
8. Net Additions/Reductions to CWIP		1.59	(1.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. CWIP Balance	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11. Net Investment	45,651.12	45,109.24	44,565.76	44,022.29	43,478.82	42,935.35	42,391.89	41,848.41	41,304.93	40,761.45	40,217.97	39,674.49	39,131.01	
12. Average Net Investment		45,380.18	44,837.50	44,294.03	43,750.56	43,207.09	42,663.62	42,120.15	41,576.67	41,033.19	40,489.71	39,946.23	39,402.75	
13. Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14. Return Requirement on Average Net Investment		428.12	423.00	417.87	412.74	407.62	402.49	397.36	392.23	387.11	381.98	376.85	371.73	4,799.10
15. Property Tax		31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.15	373.58
16. Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		1,002.72	997.60	992.47	987.34	982.22	977.09	971.96	966.84	961.72	956.59	951.46	946.36	11,694.37

Notes:

(A) Thermal Imaging Tools are Seven year Property 1.1905% per month

(B) Revenue Requirement Return (includes Income Taxes) is 11.3210%

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
ENERGY SELECT
For the Period January, 2010 Through December, 2010

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments Added to Plant in Service		(11,567.05)	(21,911.15)	(32,324.53)	(126,047.61)	77,179.07	33,017.39	146,991.94	\$116,038.19	\$99,608.00	\$83,177.81	\$66,747.63	\$46,209.90	
2. Depreciable Base	10,504,019.76	10,492,452.71	10,470,541.56	10,438,217.03	10,312,169.42	10,389,348.49	10,422,365.88	10,569,357.82	10,685,396.01	10,785,004.01	10,868,181.82	10,934,929.45	10,981,139.35	
3. Depreciation Expense (A)		24,159.25	24,132.64	24,082.25	24,007.90	23,717.99	23,895.50	23,971.44	24,309.52	24,576.41	24,805.51	24,996.82	25,150.34	291,805.57
4. Cumulative Plant in Service Additions	10,504,019.76	10,492,452.71	10,470,541.56	10,438,217.03	10,312,169.42	10,389,348.49	10,422,365.88	10,569,357.82	10,685,396.01	10,785,004.01	10,868,181.82	10,934,929.45	10,981,139.35	
5. Salvage, Cost of Removal and Retirement		(57,272.11)	(74,667.32)	(85,202.21)	(145,178.60)	0.00	(106,987.23)	39,144.58						
6. Less: Accumulated Depreciation	(386,245.87)	(419,358.73)	(469,893.41)	(531,013.37)	(652,184.07)	(628,466.08)	(711,537.81)	(648,421.79)	(624,112.27)	(599,535.86)	(574,730.35)	(549,733.53)	(524,583.19)	
7. Net Plant in Service (Line 4 - 6)	10,890,265.63	10,911,811.44	10,940,434.97	10,969,230.40	10,964,353.49	11,017,814.57	11,133,903.69	11,217,779.61	11,309,508.28	11,384,539.87	11,442,912.17	11,484,662.98	11,505,722.54	
8. Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Inventory	1,611,710.27	1,609,945.52	1,543,712.38	2,054,030.23	2,045,010.95	2,029,684.13	1,923,094.26	1,844,110.34	1,688,068.69	1,548,979.72	1,426,870.90	1,321,742.23	1,233,593.71	
11. Net Investment	12,501,975.90	12,521,756.96	12,484,147.35	13,023,260.63	13,009,364.44	13,047,698.70	13,056,997.95	13,061,889.95	12,997,576.97	12,933,519.59	12,869,783.07	12,806,405.21	12,739,316.25	
12. Average Net Investment		12,511,866.43	12,502,952.16	12,753,704.00	13,016,312.54	13,028,531.57	13,052,348.33	13,059,443.95	13,029,733.46	12,965,548.28	12,901,651.33	12,838,094.14	12,772,860.73	
13. Rate of Return / 12 (B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14. Return Requirement on Average Net Investment		118,036.95	117,952.85	120,318.44	122,795.89	122,911.17	123,135.85	123,202.79	122,922.51	122,316.98	121,714.18	121,114.58	120,499.17	1,456,921.36
15. Property Tax		9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	111,127.68
16. Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		151,456.84	151,346.13	153,661.33	156,064.43	155,889.80	156,291.99	156,434.87	156,492.67	156,154.03	155,780.33	155,372.04	154,910.15	1,859,854.61

Notes:
(A) Energy Select Property Additions Depreciated at 2.8% per year

Schedule C-4 (B)

Page 1 of 1

GULF POWER COMPANY
CALCULATION OF CONSERVATION REVENUES
For the Period: August, 2010 Through December, 2010

	Month	Projected MWH Sales	Rate (Avg Cents/KWH)	Clause Revenue Net of Revenue Taxes (\$)
1.	08/2010	1,123,730	0.10258876	1,152,820.72
2.	09/2010	984,276	0.10223793	1,006,303.38
3.	10/2010	886,399	0.10134078	898,283.65
4.	11/2010	760,838	0.10062049	765,558.95
5.	12/2010	829,940	0.10152665	842,610.27

Program Description and Progress

Program Title: Residential Energy Survey

Program Description: This program offers existing residential customers, and individuals and contractors building new homes, energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. Owners of existing homes may choose to have a Gulf Power representative conduct an on-site survey of their home, or they may opt to participate in either a mail-in or on-line interactive version of the survey known as the "Energy Check Up." Qualifying new home owners and contractors may request a pre-construction survey of their final construction plans. Regardless of the options chosen, these surveys provide customers with specific whole-house recommendations.

Program Projections: For the period January 2011 through December 2011, the Company expects to conduct 6,702 surveys and incur expenses totaling \$1,557,525.

Program Accomplishments: During the first seven months of 2010, 4,218 surveys were completed compared to the projection of 2,333 surveys for this period, a difference of 1,885 surveys. There were 1,519 more on-site, 43 more pre-construction and 323 more online/mail-in surveys than projected during this period. The revised projection for 2010 is 5,500 surveys.

Program Fiscal Expenditures: Actual expenses for January through July 2010 were \$680,080 compared to a budget of \$778,268 for the same period. This results in a difference of \$98,188 or 12.6% under budget.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 168,720 residential energy surveys. This is a result of Gulf Power's promotional campaign to solicit energy surveys as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

Program Description and Progress

Program Title: Residential Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of geothermal systems.

Program Projections: Gulf estimates the installation of 200 units during the 2011 period and expenses of \$433,995. Gulf Power Company's program includes promotion, rebates, education, training, and estimated heating and cooling savings for new and existing home customers.

Program Accomplishments: During the current recovery period, 35 geothermal heat pump units have been installed thus far. The total projection for 2010 is 100 units.

Program Fiscal Expenditures: For the first seven months of the 2010 recovery period, expenses were projected to be \$230,963 compared to actual expenses of \$132,914 for a deviation of \$98,049 or 42.5% below budget.

Program Progress Summary: To date, 2,533 units have been installed.

Program Description and Progress

Program Title: Energy Select

Program Description: The program is designed to provide the customer with a means of conveniently and automatically controlling and monitoring their energy purchases in response to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Projections: During the 2011 projection period, Gulf Power plans to have 1,000 installations. The program expenses are expected to be a net total of \$7,038,011 as detailed in Schedule C-2(B).

Program Accomplishments: From January through July 2010, Energy Select experienced a net reduction of 99 participants. Although installations continue to occur at a steady pace, removals associated with customers dropping their landline phones, and, customers replacing HVAC equipment with systems utilizing variable or multi-speed compressors are occurring at a slightly higher rate. Diligent work continues to develop solutions to these issues. A new version of equipment compatible with variable or multi-speed compressors will be available for installation in January 2011. In addition, work continues with the company's ongoing AMI deployment. This integration will provide an alternative to the current dependence on land line telephone service for equipment communication.

Program Fiscal Expenditures: There were projected expenses of \$3,966,832 for the period January through July 2010 with actual expenses of \$3,753,788. This results in a deviation of \$213,044 or 5.4% under budget.

Program Progress Summary: As of July 2010, there are 8,851 participating customers.

Program Description and Progress

Program Title: Commercial/Industrial Energy Analysis

Program Description: This program is designed to provide professional advice to our existing commercial and industrial customers on how to reduce, and make the most efficient use of, energy. This program covers from the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large energy intensive customers. The program is designed to include semi-annual and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Projections: For the period January 2011 through December 2011, the Company expects to conduct 300 audits and incur expenses totaling \$688,044.

Program Accomplishments: During the January through July 2010 period, actual results were 318 audits. The total projection for 2010 is 500 audits.

Program Fiscal Expenditures: Forecasted expenses were \$393,705 for the first seven months of 2010 compared to actual expenses of \$363,811 for a deviation of \$29,894 or 7.6% under budget.

Program Progress Summary: A total of 19,715 audits have been completed since the program's inception.

Program Description and Progress

Program Title: Good Cents Commercial Buildings

Program Description: This program is designed to educate commercial and industrial customers on the most cost-effective methods of designing new buildings and improving existing buildings. The program stresses efficient heating and cooling equipment, improved thermal envelope, operation and maintenance, lighting, cooking and water heating. Field representatives work with architects, engineers, consultants, contractors, equipment suppliers and building owners and occupants to encourage them to make the most efficient use of all energy sources and available technologies.

Program Projections: For the 2011 recovery period, Gulf expects to certify 180 Good Cents Buildings and incur expenses totaling \$611,430.

Program Accomplishments: Certification of 33 buildings has been achieved during January through July 2010. The total projection for 2010 is 180 buildings.

Program Fiscal Expenditures: Forecasted expenses for January through July 2010 were \$340,833 compared to actual expenses of \$292,240 for a deviation of \$48,593 or 14.3% under budget.

Program Progress Summary: A total of 9,311 commercial buildings have qualified for the Good Cents certification since the program was developed in 1977

Program Description and Progress

Program Title: Commercial Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing commercial/industrial customers through the promotion and installation of advanced and emerging geothermal systems.

Program Projections: Gulf estimates the installation of 20 units during the 2011 period and expenses of \$160,583. Gulf Power Company will promote these systems by providing: estimates of heating and cooling operating costs to commercial customers installing geothermal heat pumps in commercial facilities; \$400/ton incentive for commercial, full closed loop projects or \$200/ton for hybrid closed loop projects.

Program Accomplishments: During the January through July 2010 period, there was 1 unit installed. The total projection for 2010 is 20 units.

Program Fiscal Expenditures: Forecasted expenses for January through July, 2010 were \$89,840 compared to actual expenses of \$39,484 for a deviation of \$50,356 or 56.1% under budget.

Program Progress Summary: To date, 29 units have been installed.

Program Description and Progress

Program Title: Energy Services

Program Description: The Energy Services program is designed to establish the capability and process to offer advanced energy services, and energy efficient end-use equipment, that is customized to meet the individual needs of large customers. Potential projects are evaluated on a case-by-case basis and must be cost effective to qualify for incentives or rebates. Types of projects covered under this program would include demand reduction or efficiency improvement retrofits, such as lighting (fluorescent and incandescent), motor replacements, HVAC retrofit (including geothermal applications), and new electro-technologies.

Program Projections: For the 2011 recovery period, Gulf projects at the meter energy reductions of 1,178,470 kWh, and at the meter demand reductions of 510 kW winter and 275 kW summer. Expenses are expected to total \$150,000.

Program Accomplishments: For the period January through July 2010, at the meter reductions of 77,000 kWh, 77 winter kW and 31 summer kW reductions were achieved. The total projection for 2010 includes at the meter energy reductions of 1,178,470 kWh, and at the meter demand reductions of 510 kW winter and 275 kW summer.

Program Fiscal Expenditures: Forecasted expenses for January through July 2010 were \$148,750 with \$58,480 in expenses incurred during this period for a deviation of \$90,270 or 60.7% under budget.

Program Progress Summary: Total reductions at the meter of 22,387,136 kWh, 4,762 kW winter and 6,421 kW summer reductions have been achieved since this program was initiated.

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program is designed to encompass a variety of voluntary renewable and green energy programs under development by Gulf Power Company. The voluntary pricing options for customers will include, but not be limited to, EarthCents Solar (Photovoltaic Rate Rider) and the Solar for Schools program. Additionally, this program will include expenses necessary to prepare and implement a renewable energy pilot program utilizing landfill gas, wind, solar or other renewable energy sources.

Program Accomplishments:

EarthCents Solar (Photovoltaic (PV) Optional Rate Rider):

The PV Rate Rider is an optional rate rider in which customers may purchase photovoltaic energy in 100-watt blocks. The construction of the photovoltaic facility or the purchase of power from photovoltaic facilities will begin upon the attainment of sufficient commitments from all participants across the Southern Company electric system where the option is available and, as necessary, after obtaining PSC approval. As of July 2010, 50 customers have signed up for 62 100-watt blocks of energy.

Solar for Schools: The principle objective of the Solar for Schools program is to implement solar education and demonstration projects, in conjunction with the Florida Solar Energy Center, at local educational facilities by means of voluntary contributions. The program also seeks to increase renewable energy and energy awareness among students, parents and contributors. Solar for Schools is a program that uses voluntary contributions to fund materials for energy education, permanent demonstration displays, rewards for science contests, and teacher education. Voluntary contributions are solicited from customers interested in renewable energy and/or helping to improve the quality of schools in the Gulf Power Company service area. Funds are collected through a "check-off" mechanism on the utility bill or through a direct contribution and accumulated in an interest bearing account. When contributions reach an adequate level, they are directed to an educational facility for implementation of various solar educational programs and for the installation of solar

equipment. Contributions are not used for administrative costs, program research or for promotion costs.

The Solar for Schools program has enabled Gulf Power to install a 4 kW PV solar system at each of the following institutions: the Junior Museum of Bay County in 2000, Meigs Middle School in Shalimar in 2003, West Florida High School of Advanced Technology in Pensacola in 2003, and Bay County High School in Panama City in 2004.

Gulf Power's new Solar for Schools program recently approved as part of the Renewable Programs filed in Gulf Power's 2010 Demand Side Management plan will replace this existing program and will no longer require voluntary customer contributions. Gulf Power is currently evaluating solar education and demonstration projects that will be funded with the existing voluntary customer contributions as we transition between programs.

Renewable Energy Initiative: Gulf continues to evaluate and develop renewable energy sources and offerings. During 2008, Gulf added resources to further evaluate several renewable energy generation options including landfill gas, biomass, municipal solid waste, and solar PV projects and to further evaluate opportunities for demand-side renewable energy programs as part of our renewable initiative. During 2009 and 2010, these resources provided needed support to facilitate the construction of the Perdido Bay Landfill Gas generation facility, which will be operational September 2010, erect a wind meteorological tower on Navarre Beach to collect coastal wind data and support wind energy education at a local school, manage and evaluate Gulf's Solar Thermal Water Heating pilot program, develop the renewable program offerings submitted as part of Gulf Power's 2010 Demand-Side Management Plan, and manage other aspects of Gulf Power's renewable energy initiative and offerings such as Net Metering, customer inquiries related to renewable energy, and renewable energy related data collection and analysis.

Program Fiscal Expenditures: Program expenses were forecasted at \$151,963 for the period January through July 2010 compared to actual expenses of \$105,504 for a deviation of \$46,459 or 30.6% under budget. Actual expenses were as follows: Solar for Schools, \$0; EarthCents Solar, \$6,438; and Renewable Energy Pilot initiatives, \$99,066.

Program Description and Progress

Program Title: Solar Thermal Water Heating Program Pilot

Program Description: Gulf Power's Solar Thermal Water Heating Pilot Program was designed to gauge utility customer interest in, and acceptance of, the technology, as well as determine what economic incentives may be most effective in increasing the public's willingness to install the technology in their homes. During the pilot in 2009, Gulf offered a \$1,000 rebate payable to customers after a qualifying system was installed by the customer and inspected by Company personnel.

Program Fiscal Expenditures: Program expenses were forecasted at \$67,081 for the period January through July 2010 in anticipation of this program continuing as part of Gulf's DSM Plan (Docket 100154-EG) currently before the Commission for approval. Minimal actual expenses of \$4,000 were incurred to close out the 2009 pilot for a deviation of \$63,081 or 94.0% under budget.

Program Description and Progress

Program Title: Energy Education Pilot Program

Program Description: The objective of the Energy Education program is to raise awareness of energy efficiency and conservation and to increase participation in conservation opportunities, including Gulf's existing and future energy efficiency and conservation programs. The Program consists of four components:

1. Consumer Awareness
2. School-Based Education
 - a. Science Teacher Training
 - b. Eighth Grade Instructional Assistance
3. Community-Based Education
4. Contractor Education

Program Projections: The Commission approved this pilot program for the year 2009 in Order No. PSC-08-0802-PAA-EG. During 2010, minimal expenses were incurred to maintain continuity anticipating a transition to the revised program included as part of Gulf's Residential Energy Audit and Education program included in our DSM plan (Docket 100154-EG) currently before the Commission for approval.

Program Accomplishments:

School-Based Education

The School-based Education component is a training program for middle school science teachers, as well as a resource for support materials to augment the teachers' energy-related lesson plans. Gulf has partnered with the non-profit National Energy Education Development (NEED) Project to provide training and materials customized to specific school and district needs in carrying out the Florida Department of Education's Sunshine State Standards for Science.

Classroom: For the 2010-11 school year, Gulf supplied curriculum and activities in more than six different energy-related subjects ranging from energy sources to energy conservation and school energy management to 25 elementary, middle and high school classrooms. Each class also received two hands-on experiments kits - one with energy efficiency and conservation projects and one with solar energy projects - to complement the curriculum materials.

Gulf Power employees also support students' energy education through classroom demonstrations and presentations upon request.

Teacher: For the 2010-11 school year, Gulf Power provided a two-day teacher workshop in conjunction with NEED instructors. 25 elementary, middle and high school science teachers and district curriculum coordinators participated in energy efficiency/conservation and solar energy training to earn continuing education credits.

Summer camp: During the summer of 2010, Gulf Power conducted two energy summer camps - one in partnership with a community low-income program and the other with a university - providing energy efficiency and renewable energy activities for almost 50 students.

Community-Based Education

Gulf Power employees continue to provide energy efficiency awareness in the communities we serve through presentations at events and civic meetings on a regular basis.

Program Fiscal Expenditures: Program expenses were forecasted at \$151,665 for the period January through July 2010 compared to actual expenses of \$69,688 for a deviation of \$81,977 or 54.1% under budget.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

McDonald's Geothermal Project - This is the first full Geothermal HVAC fast food restaurant to be constructed within Gulf Power Company's service area. The objective of this project is to demonstrate the energy and electrical demand benefits of this geothermal restaurant system as compared to other like restaurants operated by the same owner in the same geographic location. Additional benefits of developing a hot water consumption profile for this restaurant will be obtained within this project. Data collection for one year began January, 2008 and a final report was submitted September 10, 2010.

UWF BEST House - Gulf Power has entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build the BEST (Build Educate Sustain Technology) House. This is a demonstration house that will be used as an educational tool and resource for Northwest Florida.

The BEST House program's intent is to provide a home featuring energy-efficient, sustainable design techniques available to the median homebuilder and buyer of today. The 3,300 square foot, three-bedroom home is a study model featuring passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a geothermal heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products. The most ambitious goal, however, is to make this an *off-grid* project with photovoltaic panels and a battery array substantial enough to supply all of the electrical power needed on site with an excess that can be sold.

Gulf Power is acting as the primary Energy Consultant to all end uses and new technologies that will continue to be donated to this project. Gulf Power will pay for the purchase, installation and monitoring of equipment that will provide data on a wide variety of energy and water end uses.

General economic conditions affecting sponsor support and permitting problems have delayed construction of the BEST House. Construction of the garage/exposition center has been rescheduled to precede the main house to better track the national economic recovery projection. Despite the delays, all participants remain optimistic and enthusiastic about the completion and potential contributions of the BEST House.

Latest projections are for construction on the garage to be underway by October, 2010, with the main house under construction during first quarter 2011.

Electrode Boiler - This project will measure overall energy performance and verify operation of a new 3.4MW Electrode Boiler and two new 200HP natural gas boilers which produce steam for the Escambia County Jail. The Electrode Boiler is an emerging technology that has the potential, coupled with a time varying rate such as RTP, to produce steam very efficiently.

After a number of delays since its inception in 2005, the Electrode Boiler CDD Project was installed and made ready for operation in 2007. For various reasons, including newness of the technology, relative costs of electricity and natural gas, operator proficiency, etc., the County has not yet operated the boiler for any extended period of time. A final report on this project was submitted September 10, 2010.

Variable-Speed Pool Pump - Two residential pool pumping configurations will be monitored and data gathered to determine and compare the kW and kWh consumption of the existing, conventional pumps, relative to the more technologically advanced and energy-efficient variable-speed pumping technology. This data will be gathered for both pumps under normal, but varied, operational scenarios such as long-term water filtration and short-term pool maintenance.

Monitoring of the conventional pumps began July, 2009, and monitoring of the variable-speed pumps began October, 2009. To date, monitoring results indicate significant kWh reduction potential and even larger kW reduction potential. A final report should be available by the end of first quarter, 2011.

Energy Select Electric Vehicle Project - In 2010, Gulf Power began conducting a demonstration project to obtain experience and collect data on a Plug-In Electric Hybrid Vehicle (PHEV). Of particular interest are the effects on the grid when charged at the premise of a customer on the Energy Select (CPP) rate schedule. The data collected is intended to include energy flows, operational characteristics and costs. The vehicle being used in the demonstration project is a Toyota Prius.

This project should continue through 2010, with a final report to be submitted in 2011.

Program Fiscal Expenditures: Program expenses were forecasted at \$107,502 for the period January through July 2010 compared to actual expenses of \$44,388 for a deviation of \$63,114 or 58.7% under budget. Project expenses were as follows: Electrode Boiler, \$5,528; McDonald's Geothermal, \$5,528; UWF BEST House, \$5,528; Variable-Speed Pool Pump, \$5,528; Energy Select Vehicle, \$22,276.

FPSC DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
WITNESS: Gary R. Freeman
EXHIBIT NO. 1 (GRF - 1T)
SCHEDULE CT-1
PAGE 1 OF 1
May 3, 2010

PROGRESS ENERGY FLORIDA

ENERGY CONSERVATION ADJUSTED NET TRUE-UP
FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE
NO.

1	ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY		
2	BEGINNING BALANCE	(\$6,511,304)	
3	PRINCIPAL (CT 3, PAGE 2 of 3)	(1,932,673)	
4	INTEREST (CT 3, PAGE 2 of 3)	(20,081)	
5	PRIOR TRUE-UP REFUND	6,511,304	
6	ADJUSTMENTS	<u>0</u>	(\$1,952,754)
7	LESS: ESTIMATED TRUE-UP FROM SEPTEMBER 2009		
8	PROJECTION FILING (OVER) / UNDER RECOVERY		
9	BEGINNING BALANCE	(\$6,510,464)	
10	PRINCIPAL	(486,937)	
11	INTEREST	(18,792)	
12	PRIOR TRUE-UP REFUND	0	
13	ADJUSTMENTS	<u>6,510,464</u>	<u>(\$505,728)</u>
14	VARIANCE TO PROJECTION		<u><u>(\$1,447,026)</u></u>

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG EXHIBIT 6
PARTY PROGRESS ENERGY FLORIDA, INC. (DIRECT)
DESCRIPTION GARY R. FREEMAN (GRF-1T)
DATE 11/01/10

PROGRESS ENERGY FLORIDA

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
 ACTUAL VS. ESTIMATED
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	4,682,601	4,679,473	3,128
2	PAYROLL AND BENEFITS	14,445,790	14,678,732	(232,943)
3	MATERIALS AND SUPPLIES	634,449	951,012	(316,563)
4	OUTSIDE SERVICES	4,369,697	4,958,081	(588,384)
5	ADVERTISING	5,696,056	6,588,159	(892,103)
6	INCENTIVES	49,091,188	46,625,714	2,465,474
7	VEHICLES			
8	OTHER	2,034,291	3,051,896	(1,017,605)
9	PROGRAM REVENUES			
10	TOTAL PROGRAM COSTS	80,954,071	81,533,067	(578,996)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	76,375,440	75,509,539	865,901
13	PRIOR TRUE-UP	6,511,304	6,510,464	840
14	TRUE-UP BEFORE INTEREST	(1,932,673)	(486,936)	(1,445,737)
15	AUDIT ADJUSTMENT			
16	INTEREST PROVISION	(20,081)	(18,792)	(1,289)
17	END OF PERIOD TRUE-UP	(1,952,754)	(505,728)	(1,447,026)

() REFLECTS OVERRECOVERY

PROGRESS ENERGY FLORIDA

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	TOTAL
1	BETTER BUSINESS	0	127,097	12	817	229,633	1,836,293	0	9,585	2,203,437
2	RESIDENTIAL NEW CONSTRUCTION	0	756,940	3,716	69,297	214,890	769,375	0	82,020	1,896,238
3	HOME ENERGY IMPROVEMENT	15,009	812,156	2,107	10,009	1,635,818	4,809,694	0	80,954	7,365,747
4	COMM / IND NEW CONSTRUCTION	0	68,617	252	0	12,126	532,777	0	1,673	615,445
5	HOME ENERGY CHECK	746	3,109,272	236,162	615,300	2,401,942	0	0	247,908	6,611,330
6	LOW INCOME WEATHERIZATION ASST	0	48,840	0	617	16,500	32,092	0	4,651	102,701
7	RENEWABLE ENERGY	0	82,887	(8,952)	(8,000)	46,479	719,467	0	(24,082)	807,798
8	NEIGHBORHOOD ENERGY SAVER	0	144,659	663	101,320	24,902	683,536	0	35,044	990,124
9	BUSINESS ENERGY CHECK	0	1,264,984	50,850	752,148	272,404	0	0	137,075	2,477,462
10	QUALIFYING FACILITY	0	643,756	1,035	0	0	0	0	17,571	662,362
11	INNOVATION INCENTIVE	0	19,450	0	709	0	0	0	1,780	21,939
12	TECHNOLOGY DEVELOPMENT	1,823	343,223	(32,134)	286,891	1,758	0	0	20,610	622,171
13	STANDBY GENERATION	117,622	172,321	9,764	118,143	0	2,127,485	0	19,655	2,564,990
14	INTERRUPTIBLE SERVICE	16,185	80,049	6,263	1,850	0	17,542,477	0	15,054	17,661,877
15	CURTAILABLE SERVICE	0	0	0	0	0	746,656	0	97	746,753
16	ENERGY MANAGEMENT - RESIDENTIAL	4,512,037	1,266,571	43,768	1,156,751	357,504	18,666,283	0	54,076	26,056,989
17	ENERGY MANAGEMENT - COMMERCIAL	0	1,506	0	0	0	625,053	0	0	626,559
18	CONSERVATION PROGRAM ADMIN	19,179	5,503,461	320,942	1,263,845	482,101	0	0	1,330,619	8,920,148
19	TOTAL ALL PROGRAMS	4,682,601	14,445,790	634,449	4,369,697	5,696,056	49,091,188	0	2,034,291	80,954,071

PROGRESS ENERGY FLORIDA

VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS
 12 MONTHS ACTUAL VERSUS 12 MONTHS ESTIMATED

FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	TOTAL
1	BETTER BUSINESS	0	(21,911)	(208)	(19,132)	(149,828)	695,770	0	(1,549)	503,142
2	RESIDENTIAL NEW CONSTRUCTION	0	(52,775)	(2,387)	(43,262)	(44,993)	(54,576)	0	(44,614)	(242,607)
3	HOME ENERGY IMPROVEMENT	0	57,511	1,002	10,009	53,624	1,199,382	0	(4,775)	1,316,754
4	COMM / IND NEW CONSTRUCTION	0	(22,406)	252	0	(11,316)	(115,555)	0	563	(148,462)
5	HOME ENERGY CHECK	0	172,123	(173,731)	(128,559)	(115,686)	0	0	(136,448)	(382,301)
6	LOW INCOME WEATHERIZATION ASST	0	(3,806)	0	(162)	(7,500)	(2,908)	0	(1,916)	(16,291)
7	RENEWABLE ENERGY	0	18,759	(10,990)	0	(13,867)	179,467	0	2,144	175,512
8	NEIGHBORHOOD ENERGY SAVER	0	17,030	(1,121)	1,688	(721)	(116,464)	0	10,607	(88,981)
9	BUSINESS ENERGY CHECK	(3,897)	(288,012)	(1,021)	(149,911)	38,500	0	0	26,163	(378,177)
10	QUALIFYING FACILITY	0	17,662	(3,033)	(50,000)	0	0	0	(15,163)	(50,534)
11	INNOVATION INCENTIVE	0	2,767	0	709	0	(34,500)	0	(1,424)	(32,448)
12	TECHNOLOGY DEVELOPMENT	0	87,711	(38,815)	99,969	(868)	0	0	(9,703)	138,294
13	STANDBY GENERATION	117,622	73	(8,346)	(81,133)	(2,000)	27,485	0	562	54,263
14	INTERRUPTIBLE SERVICE	1,207	14,563	(5,433)	(1,641)	0	(857,523)	0	(1,137)	(849,965)
15	CURTAILABLE SERVICE	0	(550)	0	0	0	(3,344)	0	97	(3,797)
16	ENERGY MANAGEMENT-RESIDENTIAL	(110,593)	356,149	20,830	5,900	(306,246)	1,553,187	0	(586,406)	932,821
17	ENERGY MANAGEMENT-COMMERCIAL	0	1,506	0	0	0	(4,947)	0	0	(3,441)
18	CONSERVATION PROGRAM ADMIN	(1,211)	(589,337)	(93,563)	(232,859)	(331,201)	0	0	(254,609)	(1,502,779)
19	TOTAL ALL PROGRAMS	3,128	(232,942)	(316,563)	(588,384)	(892,103)	2,465,474	0	(1,017,605)	(578,996)

PROGRESS ENERGY FLORIDA

ESTIMATED CONSERVATION PROGRAM COSTS
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	TOTAL
1	BETTER BUSINESS	0	149,008	220	19,949	379,461	1,140,523	0	11,134	1,700,295
2	RESIDENTIAL NEW CONSTRUCTION	0	809,715	6,103	112,559	259,883	823,951	0	126,634	2,138,845
3	HOME ENERGY IMPROVEMENT	15,009	754,645	1,105	0	1,582,194	3,610,312	0	85,728	6,048,993
4	COMM / IND NEW CONSTRUCTION	0	91,023	0	0	23,442	648,332	0	1,110	763,907
5	HOME ENERGY CHECK	746	2,937,149	409,893	743,859	2,517,628	0	0	384,356	6,993,631
6	LOW INCOME WEATHERIZATION ASST	0	52,646	0	779	24,000	35,000	0	6,567	118,992
7	RENEWABLE ENERGY	0	64,128	2,038	(8,000)	60,346	540,000	0	(26,226)	632,286
8	NEIGHBORHOOD ENERGY SAVER	0	127,629	1,784	99,632	25,623	800,000	0	24,437	1,079,105
9	BUSINESS ENERGY CHECK	3,897	1,552,996	51,871	902,059	233,904	0	0	110,912	2,855,639
10	QUALIFYING FACILITY	0	626,094	4,068	50,000	0	0	0	32,734	712,896
11	INNOVATION INCENTIVE	0	16,683	0	0	0	34,500	0	3,204	54,387
12	TECHNOLOGY DEVELOPMENT	1,823	255,512	6,681	186,922	2,626	0	0	30,313	483,877
13	STANDBY GENERATION	0	172,248	18,110	199,276	2,000	2,100,000	0	19,093	2,510,727
14	INTERRUPTIBLE SERVICE	14,978	65,486	11,696	3,491	0	18,400,000	0	16,191	18,511,842
15	CURTAILABLE SERVICE	0	550	0	0	0	750,000	0	0	750,550
16	ENERGY MANAGEMENT-RESIDENTIAL	4,622,630	910,422	22,938	1,150,851	663,750	17,113,096	0	640,481	25,124,168
17	ENERGY MANAGEMENT-COMMERCIAL	0	0	0	0	0	630,000	0	0	630,000
18	CONSERVATION PROGRAM ADMIN	20,390	6,092,798	414,505	1,496,704	813,302	0	0	1,585,228	10,422,927
19	TOTAL ALL PROGRAMS	4,679,473	14,678,732	951,012	4,958,081	6,588,159	46,625,714	0	3,051,896	81,533,067

PROGRESS ENERGY FLORIDA
 ACTUAL CONSERVATION PROGRAM COSTS BY MONTH
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	PROGRAM TITLE	JAN 09	FEB 09	MAR 09	APR 09	MAY 09	JUN 09	JUL 09	AUG 09	SEP 09	OCT 09	NOV 09	DEC 09	TOTAL
1	BETTER BUSINESS	106,661	104,649	84,288	120,344	176,886	129,005	215,722	223,262	222,145	219,613	198,193	402,869	2,203,437
2	RESIDENTIAL NEW CONSTRUCTION	134,492	100,314	118,502	191,094	192,630	278,899	115,720	188,591	115,249	205,664	111,260	143,823	1,896,238
3	HOME ENERGY IMPROVEMENT	302,959	583,673	570,604	371,621	540,807	724,815	591,284	473,019	885,503	754,950	600,611	985,921	7,365,747
4	COMM / IND NEW CONSTRUCTION	58,137	108,813	93	46,766	29,762	150,156	71,580	(26,157)	40,021	25,742	26,915	83,617	615,445
5	HOME ENERGY CHECK	239,195	563,800	607,966	385,474	537,954	532,834	454,701	353,142	627,419	946,466	449,321	913,058	6,611,330
6	LOW INCOME WEATHERIZATION ASST	3,951	7,803	10,088	5,633	9,408	24,306	5,592	10,874	10,520	6,416	3,316	4,794	102,701
7	RENEWABLE ENERGY	42,130	36,556	33,119	58,995	60,499	43,542	68,335	69,708	70,992	122,420	116,786	86,717	807,798
8	NEIGHBORHOOD ENERGY SAVER	38,744	17,725	65,510	9,713	174,401	80,695	65,578	109,058	20,698	23,752	153,833	230,416	990,124
9	BUSINESS ENERGY CHECK	127,596	177,464	205,580	182,815	269,247	182,164	225,997	184,031	241,080	255,049	207,601	218,838	2,477,462
10	QUALIFYING FACILITY	35,755	58,395	40,212	50,108	77,804	55,438	47,043	58,667	48,373	86,791	53,353	50,423	662,362
11	INNOVATION INCENTIVE	1,574	909	1,374	3,869	948	664	845	4,052	2,021	1,592	2,653	1,438	21,939
12	TECHNOLOGY DEVELOPMENT	(70,305)	26,092	75,542	51,836	73,952	(30,707)	122,921	145,249	29,689	76,208	40,707	80,987	622,171
13	STANDBY GENERATION	181,377	192,961	190,879	229,924	44,368	402,321	210,898	196,093	249,575	237,080	219,305	210,209	2,564,990
14	INTERRUPTIBLE SERVICE	1,592,155	1,397,519	1,464,299	1,488,956	1,492,782	1,486,206	1,520,597	1,409,082	1,541,373	880,512	1,908,467	1,479,930	17,661,877
15	CURTAILABLE SERVICE	58,071	56,883	58,472	62,290	64,394	62,128	67,456	67,152	57,715	51,266	73,517	67,407	746,753
16	ENERGY MANAGEMENT-RESIDENTIAL	2,220,815	2,798,773	2,124,368	1,448,052	1,706,502	2,041,380	2,183,803	2,070,522	2,214,175	2,233,345	2,773,520	2,241,735	26,056,989
17	ENERGY MANAGEMENT-COMMERCIAL	46,823	56,990	52,988	45,709	223,440	(118,168)	60,472	77,876	31,344	52,568	49,764	46,753	626,559
18	CONSERVATION PROGRAM ADMIN	534,548	658,011	752,147	627,477	829,128	629,250	796,183	868,516	696,141	898,592	878,141	752,014	8,920,148
19	TOTAL ALL PROGRAMS	5,654,680	6,947,329	6,456,032	5,378,676	6,504,713	6,674,927	6,824,706	6,482,739	7,084,034	7,078,025	7,867,264	8,000,948	80,954,071
20														
21	LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0	0	0	0
22														
23	NET RECOVERABLE (CT-3,PAGE 2)	5,654,680	6,947,329	6,456,032	5,378,676	6,504,713	6,674,927	6,824,706	6,482,739	7,084,034	7,078,025	7,867,264	8,000,948	80,954,071

* GROSS EXPENDITURES ONLY. AUDIT PROGRAM REVENUES (IF APPLICABLE) ARE ACCOUNTED FOR IN CALCULATION OF TRUE-UP SCHEDULE CT-3, PAGE 2 OF 3.

PROGRESS ENERGY FLORIDA
 ENERGY CONSERVATION ADJUSTMENT
 CALCULATION OF TRUE-UP
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	JAN 09	FEB 09	MAR 09	APR 09	MAY 09	JUN 09	JUL 09	AUG 09	SEP 09	OCT 09	NOV 09	DEC 09	TOTAL FOR THE PERIOD
1A BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
1C HOME ENERGY CHECK	0	0	0	0	0	0	0	0	0	0	0	0	0
1D SUBTOTAL - FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CONSERVATION CLAUSE REVENUES	5,577,390	5,978,517	5,291,044	5,333,656	5,959,573	6,974,115	7,686,163	7,204,736	7,510,049	6,978,530	6,533,964	5,347,703	76,375,440
2A CURRENT PERIOD GRT REFUND	0.00	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	5,577,390	5,978,517	5,291,044	5,333,656	5,959,573	6,974,115	7,686,163	7,204,736	7,510,049	6,978,530	6,533,964	5,347,703	76,375,440
4 PRIOR PERIOD TRUE-UP OVER/(UND (6,511,304)	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,605	6,511,304
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	6,119,999	6,521,126	5,833,653	5,876,265	6,502,182	7,516,724	8,228,772	7,747,345	8,052,658	7,521,139	7,076,573	5,890,308	82,886,744
6 CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 23)	5,654,680	6,947,329	6,456,032	5,378,676	6,504,713	6,674,927	6,824,706	6,482,739	7,084,034	7,078,025	7,867,264	8,000,948	80,954,071
7 TRUE-UP THIS PERIOD (O)/U	(465,319)	426,203	622,379	(497,589)	2,531	(841,797)	(1,404,066)	(1,264,606)	(968,624)	(443,114)	790,691	2,110,640	(1,932,673)
8 CURRENT PERIOD INTEREST	(3,587)	(3,820)	(2,649)	(1,697)	(1,165)	(1,049)	(1,206)	(1,202)	(1,140)	(1,098)	(922)	(546)	(20,081)
9 ADJUSTMENTS PER AUDIT \ RDC Order		0	0	0	0	0	0	0	0	0	0	0	0
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (O)/U	(6,511,304)	(6,437,601)	(5,472,609)	(4,310,269)	(4,266,947)	(3,722,972)	(4,023,210)	(4,885,873)	(5,609,072)	(6,036,228)	(5,937,831)	(4,605,453)	(6,511,304)
10 A CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PRIOR TRUE-UP REFUNDED/ (COLLECTED)	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,609	542,605	6,511,304
12 END OF PERIOD NET TRUE-UP	(6,437,601)	(5,472,609)	(4,310,269)	(4,266,947)	(3,722,972)	(4,023,210)	(4,885,873)	(5,609,072)	(6,036,228)	(5,937,831)	(4,605,453)	(1,952,754)	(1,952,754)

PROGRESS ENERGY FLORIDA
 CALCULATION OF INTEREST PROVISION
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	JAN 09	FEB 09	MAR 09	APR 09	MAY 09	JUN 09	JUL 09	AUG 09	SEP 09	OCT 09	NOV 09	DEC 09	TOTAL FOR THE PERIOD
1 BEGINNING TRUE-UP AMOUNT (CT-3, PAGE 2, LINE 9 & 10)	(6,511,304)	(6,437,601)	(5,472,609)	(4,310,269)	(4,266,947)	(3,722,972)	(4,023,210)	(4,885,873)	(5,609,072)	(6,036,228)	(5,937,831)	(4,605,453)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	0	0	0	0	0	0	0	0	0	0	0	0	
	(6,434,014)	(5,468,789)	(4,307,620)	(4,265,250)	(3,721,807)	(4,022,161)	(4,884,667)	(5,607,870)	(6,035,068)	(5,936,733)	(4,604,531)	(1,952,208)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(12,945,318)	(11,906,389)	(9,780,229)	(8,575,519)	(7,988,754)	(7,745,133)	(8,907,877)	(10,493,743)	(11,644,160)	(11,972,961)	(10,542,361)	(6,557,660)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(6,472,659)	(5,953,195)	(4,890,114)	(4,287,760)	(3,994,377)	(3,872,566)	(4,453,938)	(5,246,872)	(5,822,080)	(5,986,480)	(5,271,181)	(3,278,830)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.54%	0.79%	0.75%	0.55%	0.40%	0.30%	0.35%	0.30%	0.25%	0.22%	0.22%	0.20%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.79%	0.75%	0.55%	0.40%	0.30%	0.35%	0.30%	0.25%	0.22%	0.22%	0.20%	0.20%	
7 TOTAL (LINE 5 AND LINE 6)	1.33%	1.54%	1.30%	0.95%	0.70%	0.65%	0.65%	0.55%	0.47%	0.44%	0.42%	0.40%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	0.665%	0.770%	0.650%	0.475%	0.350%	0.325%	0.325%	0.275%	0.235%	0.220%	0.210%	0.200%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(3,587)	(3,820)	(2,649)	(1,697)	(1,165)	(1,049)	(1,206)	(1,202)	(1,140)	(1,098)	(922)	(546)	(20,081)

PROGRSSS ENERGY FLORIDA
 CONSERVATION ACCOUNT NUMBERS
 FOR THE PERIODS JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	ACCOUNT NO.	SUB ACCOUNT PROJECT NO.	PROGRAM TITLE
1	9080100	20015937	BETTER BUSINESS
2	9080100	20015933	RESIDENTIAL NEW CONSTRUCTION
2	9090100	20015933	RESIDENTIAL NEW CONSTRUCTION advertising
3	9080100	20015934	HOME ENERGY IMPROVEMENT
3	9090100	20015934	HOME ENERGY IMPROVEMENT advertising
3	4044000	20015934	HOME ENERGY IMPROVEMENT equipment depreciation
4	9080100	20015938	COMM / IND NEW CONSTRUCTION
5	9080100	20015932	HOME ENERGY CHECK
5	9090100	20015932	HOME ENERGY CHECK advertising
5	4044000	20015932	HOME ENERGY CHECK equipment depreciation
6	9080100	20021329	LOW INCOME WEATHERIZATION ASST
7	9080100	20060744	RENEWABLE ENERGY
7	9090100	20060744	RENEWABLE ENERGY advertising
8	9080100	20060745	NEIGHBORHOOD ENERGY SAVER
8	9090100	20060745	NEIGHBORHOOD ENERGY SAVER advertising
9	9080100	20015936	BUSINESS ENERGY CHECK
9	9090100	20015936	BUSINESS ENERGY CHECK advertising
10	9080100	20025062	QUALIFYING FACILITY
11	9080100	20015940	INNOVATION INCENTIVE
12	9080100	20015939	TECHNOLOGY DEVELOPMENT
12	4044000	20015939	TECHNOLOGY DEVELOPMENT equipment depreciation
13	9080100	20021332	STANDBY GENERATION
13	4044000	20021332	STANDBY GENERATION equipment depreciation
14	9080100	20015941	INTERRUPTIBLE SERVICE
14	4044000	20015941	INTERRUPTIBLE SERVICE equipment depreciation
15	9080100	20015942	CURTAILABLE SERVICE
16	9080100	20015943	ENERGY MANAGEMENT-RESIDENTIAL
16	9080120	20015943	ENERGY MANAGEMENT-RESIDENTIAL amortization of load mgmt switches
16	9090100	20015943	ENERGY MANAGEMENT-RESIDENTIAL advertising
16	4044000	20015943	ENERGY MANAGEMENT-RESIDENTIAL equipment depreciation
17	9080100	20015944	ENERGY MANAGEMENT-COMMERCIAL
17	9090100	20015944	ENERGY MANAGEMENT-COMMERCIAL advertising
18	9080100	20015935	CONSERVATION PROGRAM ADMIN
18	9090100	20015935	CONSERVATION PROGRAM ADMIN advertising
18	4044000	20015935	CONSERVATION PROGRAM ADMIN equipment depreciation
18	9080100	20078152	Other accounts included with Conservation Program Admin
18	9080100	20078851	Other accounts included with Conservation Program Admin
18	9080100	20078837	Other accounts included with Conservation Program Admin
18	9080100	20078993	Other accounts included with Conservation Program Admin
18	9080100	20078552	Other accounts included with Conservation Program Admin
18	9080100	20078995	Other accounts included with Conservation Program Admin
18	9080100	20079002	Other accounts included with Conservation Program Admin
18	9080100	20078285	Other accounts included with Conservation Program Admin
18	9080100	20076853	Other accounts included with Conservation Program Admin
18	9080100	20075745	Other accounts included with Conservation Program Admin
18	9080100	20074455	Other accounts included with Conservation Program Admin
18	9080100	20074611	Other accounts included with Conservation Program Admin
18	9080100	20076822	Other accounts included with Conservation Program Admin
18	9080100	20076847	Other accounts included with Conservation Program Admin
18	9080100	20074711	Other accounts included with Conservation Program Admin

PROGRESS ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	BEGINNING BALANCE	JAN 09	FEB 09	MAR 09	APR 09	MAY 09	JUN 09	JUL 09	AUG 09	SEP 09	OCT 09	NOV 09	DEC 09	TOTAL
1 ENERGY CONSERVATION ADMIN														
2 INVESTMENTS		0	0	0	2,394	0	0	0	0	0	0	0	0	2,394
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		70,490	70,490	70,490	71,687	72,884	72,884	72,884	72,884	72,884	72,884	72,884	72,884	
5														
6 DEPRECIATION EXPENSE		1,175	1,175	1,175	1,195	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	14,440
7														
8 CUMM. NET INVEST	70,490	70,490	70,490	70,490	72,884	72,884	72,884	72,884	72,884	72,884	72,884	72,884	72,884	72,884
9 LESS: ACC. NET DEPR	29,085	30,260	31,435	32,610	33,805	35,020	36,235	37,450	38,665	39,880	41,095	42,310	43,525	43,525
10 NET INVESTMENT	41,405	40,230	39,055	37,880	39,079	37,864	36,649	35,434	34,219	33,004	31,789	30,574	29,359	29,359
11 AVERAGE INVESTMENT		40,817	39,642	38,467	38,479	38,471	37,256	36,041	34,826	33,611	32,396	31,181	29,966	
12 RETURN ON AVG INVEST		302	293	285	285	285	276	267	258	249	240	231	222	3,193
13														
14 RETURN REQUIREMENTS		448	435	423	423	423	410	396	383	370	356	343	329	4,739
15														
16 PROGRAM TOTAL		1,623	1,610	1,598	1,618	1,638	1,625	1,611	1,598	1,585	1,571	1,558	1,544	19,179
17														
18 TECHNOLOGY DEVELOPMENT														
19 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
20 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21 DEPRECIATION BASE		6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	
22														
23 DEPRECIATION EXPENSE		104	104	104	104	104	104	104	104	104	104	104	104	1,248
24														
25 CUMM. NET INVEST	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224
26 LESS: ACC. NET DEPR	1,248	1,352	1,456	1,560	1,664	1,768	1,872	1,976	2,080	2,184	2,288	2,392	2,496	2,496
27 NET INVESTMENT	4,976	4,872	4,768	4,664	4,560	4,456	4,352	4,248	4,144	4,040	3,936	3,832	3,728	3,728
28 AVERAGE INVESTMENT		4,924	4,820	4,716	4,612	4,508	4,404	4,300	4,196	4,092	3,988	3,884	3,780	
29 RETURN ON AVG INVEST		36	36	35	34	34	32	32	31	30	30	29	28	387
30														
31 RETURN REQUIREMENTS		54	54	52	50	50	48	48	46	44	44	43	42	575
32														
33 PROGRAM TOTAL		158	158	156	154	154	152	152	150	148	148	147	146	1,823
34														
35 ENERGY MANAGEMENT ASSETS														
36 INVESTMENTS		0	0	0	257,943	14,513	48,356	9,292	0	497	0	0	0	330,600
37 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38 DEPRECIATION BASE		330,598	330,598	330,598	459,570	595,797	627,232	656,055	660,701	660,950	661,198	661,198	661,198	
39														
40 DEPRECIATION EXPENSE		5,510	5,510	5,510	7,660	9,930	10,454	10,934	11,012	11,016	11,020	11,020	11,020	110,596
41														
42 CUMM. NET INVEST	330,598	330,598	330,598	330,598	588,541	603,054	651,410	660,701	660,701	661,198	661,198	661,198	661,198	661,198
43 LESS: ACC. NET DEPR	63,924	69,434	74,944	80,454	88,114	98,044	108,498	119,432	130,444	141,460	152,480	163,500	174,520	174,520
44 NET INVESTMENT	266,674	261,164	255,654	250,144	500,427	505,010	542,912	541,269	530,257	519,738	508,718	497,698	486,678	486,678
45 AVERAGE INVESTMENT		263,919	258,409	252,899	375,286	502,718	523,961	542,090	535,763	524,998	514,228	503,208	492,188	
46 RETURN ON AVG INVEST		3,104	1,914	1,874	2,780	3,725	3,882	4,016	3,969	3,889	3,809	3,727	3,647	40,336
47														
48 RETURN REQUIREMENTS		4,606	2,840	2,781	4,125	5,527	5,760	5,959	5,889	5,771	5,852	5,531	5,412	59,853
49														
50 PROGRAM TOTAL		10,116	8,350	8,291	11,785	15,457	16,214	16,893	16,901	16,787	16,672	16,551	16,432	170,449

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY. RETURN ON AVERAGE INVESTMENT IS CALCULATED USING A MONTHLY RATE OF .0074083 (8.89% ANNUALLY-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 050078-E). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

PROGRESS ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	BEGINNING BALANCE	JAN 09	FEB 09	MAR 09	APR 09	MAY 09	JUN 09	JUL 09	AUG 09	SEP 09	OCT 09	NOV 09	DEC 09	TOTAL
1 HOME ENERGY CHECK														
2 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	
5														
6 DEPRECIATION EXPENSE		43	43	43	43	43	43	43	43	43	43	43	43	516
7														
8 CUMM. NET INVEST	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560
9 LESS: ACC. NET DEPR	572	615	658	701	744	787	830	873	916	959	1,002	1,045	1,088	1,088
10 NET INVESTMENT	1,988	1,945	1,902	1,859	1,816	1,773	1,730	1,687	1,644	1,601	1,558	1,515	1,472	1,472
11 AVERAGE INVESTMENT		1,967	1,924	1,881	1,838	1,795	1,752	1,709	1,666	1,623	1,580	1,537	1,494	
12 RETURN ON AVG INVEST		14	14	14	13	13	13	13	13	12	12	12	12	155
13														
14 RETURN REQUIREMENTS		21	21	21	19	19	19	19	19	18	18	18	18	230
15														
16 PROGRAM TOTAL		64	64	64	62	62	62	62	62	61	61	61	61	746
17														
18 HOME ENERGY IMPROVEMENT														
19 INVESTMENTS		0	0	0	12,614	12,227	0	0	0	0	0	0	0	24,841
20 RETIREMENTS		0	0	0	0	0	0	4,912	0	0	0	0	0	0
21 DEPRECIATION BASE		37,740	37,740	37,740	44,047	56,467	62,581	60,125	57,669	57,669	57,669	57,669	57,669	
22														
23 DEPRECIATION EXPENSE		629	629	629	734	941	1,043	1,002	961	961	961	961	961	10,412
24														
25 CUMM. NET INVEST	37,740	37,740	37,740	37,740	50,354	62,581	62,581	57,669	57,669	57,669	57,669	57,669	57,669	57,669
26 LESS: ACC. NET DEPR	14,699	15,328	15,957	16,586	17,320	18,261	19,304	15,395	16,356	17,317	18,278	19,239	20,200	20,200
27 NET INVESTMENT	23,041	22,412	21,783	21,154	33,034	44,320	43,277	42,275	41,314	40,353	39,392	38,431	37,470	37,470
28 AVERAGE INVESTMENT		22,726	22,097	21,468	27,094	38,677	43,798	42,776	41,794	40,833	39,872	38,911	37,950	
29 RETURN ON AVG INVEST		169	164	159	201	287	324	317	310	302	296	288	282	3,099
30														
31 RETURN REQUIREMENTS		251	243	236	298	426	481	470	460	448	439	427	418	4,597
32														
33 PROGRAM TOTAL		880	872	865	1,032	1,367	1,524	1,472	1,421	1,409	1,400	1,388	1,379	15,009
34														
35 ENERGY MANAGEMENT SWITCHES														
36 INVESTMENTS		585,774	451,377	839,558	314,397	813,877	547,467	517,896	432,254	317,015	276,226	101,901	117,345	5,315,090
37 RETIREMENTS		7,053	18,510	77,911	103,529	27,702	40,662	25,131	21,748	27,856	18,025	13,421	381,515	763,064
38 DEPRECIATION BASE		12,131,700	12,637,494	13,234,751	13,721,009	14,219,530	14,866,020	15,365,805	15,817,441	16,167,273	16,440,954	16,614,295	16,526,450	
39														
40 AMORTIZATION EXPENSE		202,195	210,625	220,580	228,684	236,993	247,767	256,097	263,625	269,455	274,016	276,905	275,441	2,962,383
41														
42 CUMM. NET INVEST	11,842,339	12,421,061	12,853,928	13,615,574	13,826,443	14,612,618	15,119,422	15,612,187	16,022,694	16,311,853	16,570,054	16,658,535	16,394,365	16,394,365
43 LESS: ACC. NET DEPR	3,208,272	3,403,414	3,595,528	3,738,197	3,863,352	4,072,643	4,279,748	4,510,714	4,752,591	4,994,190	5,250,181	5,513,665	5,407,590	5,407,590
44 NET INVESTMENT	8,634,068	9,017,647	9,258,399	9,877,377	9,963,091	10,539,975	10,839,675	11,101,474	11,270,103	11,317,663	11,319,874	11,144,870	10,986,774	10,986,774
45 AVERAGE INVESTMENT		8,825,857	9,138,023	9,567,888	9,920,234	10,251,533	10,689,825	10,970,574	11,185,789	11,293,883	11,318,769	11,232,372	11,065,822	11,065,822
46 RETURN ON AVG INVEST		65,385	67,698	70,881	73,492	75,947	79,194	81,273	82,868	83,669	83,853	83,213	81,979	929,452
47														
48 RETURN REQUIREMENTS		97,024	100,456	105,180	109,054	112,697	117,515	120,600	122,967	124,156	124,429	123,479	121,648	1,379,205
49														
50 PROGRAM TOTAL		299,219	311,081	325,760	337,738	349,690	365,282	376,697	386,592	393,611	398,445	400,384	397,089	4,341,588

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY. RETURN ON AVERAGE INVESTMENT IS CALCULATED USING A MONTHLY RATE OF .0074083 (8.89% ANNUALLY-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 050078-E). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

PROGRESS ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
 FOR THE PERIOD JANUARY 2009 THROUGH DECEMBER 2009

LINE NO.	BEGINNING BALANCE	JAN 09	FEB 09	MAR 09	APR 09	MAY 09	JUN 09	JUL 09	AUG 09	SEP 09	OCT 09	NOV 09	DEC 09	TOTAL
1 INTERRUPTIBLE SERVICE														
2 INVESTMENTS		0	0	0	67,559	0	496	0	0	6,008	0	0	6,629	80,692
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		0	0	0	33,780	67,559	67,807	68,055	68,055	71,059	74,063	74,063	77,378	0
5		0	0	0	0	0	0	0	0	0	0	0	0	0
6 DEPRECIATION EXPENSE		0	0	0	563	1,126	1,130	1,134	1,134	1,184	1,234	1,234	1,290	10,029
7		0	0	0	0	0	0	0	0	0	0	0	0	0
8 CUMM. NET INVEST	0	0	0	0	67,559	67,559	68,055	68,055	68,055	74,063	74,063	74,063	80,692	80,692
9 LESS: ACC. NET DEPR	0	0	0	0	563	1,689	2,819	3,953	5,087	6,271	7,505	8,739	10,029	10,029
10 NET INVESTMENT	0	0	0	0	66,996	65,870	65,236	64,102	62,968	67,792	66,558	65,324	70,663	70,663
11 AVERAGE INVESTMENT		0	0	0	33,498	66,433	66,553	64,669	63,535	65,380	67,175	65,941	67,994	0
12 RETURN ON AVG INVEST		0	0	0	248	492	485	479	471	484	497	488	504	4,148
13		0	0	0	0	0	0	0	0	0	0	0	0	0
14 RETURN REQUIREMENTS		0	0	0	368	730	720	711	699	718	738	724	748	6,156
15		0	0	0	0	0	0	0	0	0	0	0	0	0
16 PROGRAM TOTAL		0	0	0	931	1,856	1,850	1,845	1,833	1,902	1,972	1,958	2,038	16,185
17														
18 STANDBY GENERATION														
19 INVESTMENTS		0	0	0	0	0	0	0	0	88,691	28,123	910	0	117,723
20 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21 DEPRECIATION BASE		354,715	354,715	354,715	354,715	354,715	354,715	354,715	354,715	399,061	457,467	471,983	472,438	0
22		0	0	0	0	0	0	0	0	0	0	0	0	0
23 DEPRECIATION EXPENSE		5,912	5,912	5,912	5,912	5,912	5,912	5,912	5,912	6,651	7,624	7,866	7,874	77,311
24		0	0	0	0	0	0	0	0	0	0	0	0	0
25 CUMM. NET INVEST	354,715	354,715	354,715	354,715	354,715	354,715	354,715	354,715	354,715	443,406	471,529	472,438	472,438	472,438
26 LESS: ACC. NET DEPR	44,607	50,519	56,431	62,343	68,255	74,167	80,079	85,991	91,903	98,554	106,178	114,044	121,918	121,918
27 NET INVESTMENT	310,109	304,197	298,285	292,373	286,461	280,549	274,637	268,725	262,813	344,852	365,351	358,395	350,521	350,521
28 AVERAGE INVESTMENT		307,153	301,241	295,329	289,417	283,505	277,593	271,681	265,769	303,832	355,102	361,873	354,458	0
29 RETURN ON AVG INVEST		2,275	2,232	2,188	2,144	2,100	2,057	2,013	1,969	2,251	2,631	2,681	2,626	27,167
30		0	0	0	0	0	0	0	0	0	0	0	0	0
31 RETURN REQUIREMENTS		3,376	3,312	3,247	3,181	3,116	3,052	2,987	2,922	3,340	3,904	3,978	3,896	40,311
32		0	0	0	0	0	0	0	0	0	0	0	0	0
33 PROGRAM TOTAL		9,288	9,224	9,159	9,093	9,028	8,964	8,899	8,834	9,991	11,528	11,844	11,770	117,622

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY. RETURN ON AVERAGE INVESTMENT IS CALCULATED USING A MONTHLY RATE OF .0074083 (8.89% ANNUALLY-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 050078-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check program is a comprehensive residential energy evaluation (audit) program. The program provides Progress Energy Florida, Inc.'s (PEF) residential customers with an analysis of energy consumption and recommendations on energy efficiency improvements. It acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures. It also serves as the foundation of the residential Home Energy Improvement program and is a program requirement for participation. The Home Energy Check program allows customers to choose from seven types of energy audits: the free walk-thru, the paid walk-thru (\$15 charge), the energy rating (Energy Gauge), the mail-in audit, an internet option, a phone assisted audit, and a student audit.

Program Accomplishments for January 2009 through December 2009:
56,987 customers participated in Home Energy Checks.

Program Fiscal Expenditures for January 2009 through December 2009:
Expenses for this program were \$6,611,330.

Program Progress Summary: The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Home Energy Improvement

Program Description: Home Energy Improvement is an umbrella program for residential customers with existing homes. This program combines thermal envelope efficiency improvements with upgraded equipment and appliances. The Home Energy Improvement program includes incentives for measures such as duct testing, duct leakage repair, attic insulation, injected wall insulation, replacement windows, window film, reflective roofing, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, high efficiency A/C replacing A/C with non-electric heat, HVAC commissioning, plenum sealing, proper sizing and supplemental bonuses.

Program Accomplishments for January 2009 through December 2009: There were 44,491 implementations under this program.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$7,365,747.

Program Progress Summary: This program will continue to be offered to residential customers through the Home Energy Check to provide opportunities for improving the energy efficiency of existing homes.

Program Description and Progress

Program Title: Residential New Construction

Program Description: The Home Advantage Program promotes energy-efficient construction which exceeds residential building codes. Information, education, and consultation are provided to homebuilders, contractors, realtors and home buyers on energy-related issues and efficiency measures. This program is designed to encourage single, multi, and manufactured home builders to build energy efficient homes by encouraging a whole house performance view including the installation of climate effective windows, reflective roof materials, upgraded insulation, conditioned space air handler placement, energy recovery ventilation, and highly efficient HVAC equipment. Incentives are awarded to the builder based on the level of efficiency they choose.

Program Accomplishments for January 2009 through December 2009: There were 9,502 measures implemented through this program.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$1,896,238.

Program Progress Summary: This program is tied to the building industry. Economic forces will influence the number of homes built during this period. Participation in new construction efficiency measures has declined due to the weakening of the economy and building industry.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The program goal is to integrate PEF's DSM program measures with the Department of Community Affairs (DCA) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership, Progress Energy Florida will assist local weatherization agencies by providing energy educational materials and financial incentives to weatherize the homes of low-income families.

Program Accomplishments for January 2009 through December 2009: There were 983 measure implementations in the 2009 program.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$102,701.

Program Progress Summary: To promote the delivery of this efficiency program, PEF participated in state-wide agency meetings held for all participating weatherization assistance program agencies. PEF also conducts individual meetings with weatherization providers and other low income providers throughout PEF's territory to encourage participation in LIWAP and energy efficiency.

Program Description and Progress

Program Title: Energy Management (Residential & Commercial)

Program Description: The Load Management (Energy Wise) Program is a voluntary program that incorporates direct radio control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Customers have a choice of interruptible appliance options and receive a credit on their monthly electric bills depending on the options selected and their monthly kWh usage.

Program Accomplishments for January 2009 through December 2009: During this period 8,009 customers were added to the program.

Program Fiscal Expenditures for January 2009 through December 2009: Program expenditures during this period were \$26,683,548.

Program Progress Summary: As of December 31, 2009 there were 367,615 customers participating in the Load Management (Energy Wise) program.

Program Description and Progress

Program Title: Business Energy Check

Program Description: The Business Energy Check is an audit for non-residential customers. Several audit options are available. The free audit provides a no-cost energy audit for non-residential facilities and can be completed at the facility by an auditor or online by the business customer. The paid audit provides a more thorough energy analysis for non-residential facilities. This program acts as a motivational tool to identify, evaluate, and inform consumers on cost-effective energy saving measures for their facility. It serves as the foundation of, and is a requirement for participation in the Better Business Program.

Program Accomplishments for January 2009 through December 2009: There were 3,109 customers who participated in this program.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$2,477,462.

Program Progress Summary: The Business Energy Check continues to inform and motivate business customers on cost-effective energy efficiency improvements which result in implementation of energy efficiency measures. The program is required for participation in most of the company's other DSM Business incentive programs.

Program Description and Progress

Program Title: Better Business

Program Description: This umbrella efficiency program provides incentives to existing commercial and industrial customers for energy-efficient products and applications such as heating, air conditioning, motors, roof insulation upgrade, duct leakage and repair, window film, demand-control ventilation, lighting, occupancy sensors, green roof, cool roof, high efficiency energy recovery ventilation, compressed air, and HVAC optimization.

Program Accomplishments for January 2009 through December 2009: There were 1,800 implementations under this program.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$2,203,437.

Program Progress Summary: This program will continue to be offered to commercial customers through the Business Energy Check to provide opportunities for improving the energy efficiency of existing facilities.

Program Description and Progress

Program Title: Commercial/Industrial New Construction

Program Description: This is an umbrella efficiency program for new commercial and industrial facilities. This program provides information, education, and advice on energy-related issues and efficiency measures by involvement early in the building's design process. With the exception of ceiling insulation upgrade, duct test and leakage repair, HVAC steam cleaning and roof top HVAC unit recommissioning, the Commercial and Industrial New Construction program provides incentives for the same efficiency measures listed in the Better Business program for existing buildings.

Program Accomplishments for January 2009 through December 2009: There were 191 program completions in 2009.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$615,445.

Program Progress Summary: This program is tied to the building industry. Economic forces will affect the number of new commercial facilities built during this period and the resulting success of this program.

Program Description and Progress

Program Title: Innovation Incentive

Program Description: Significant conservation efforts that are not supported by other Progress Energy programs can be encouraged through the Innovation Incentive program. Major equipment replacement or other actions that substantially reduce PEF peak demand requirements are evaluated to determine their impact on Progress Energy's system. Incentives are provided for customer-specific demand and energy conservation projects on a case-by-case basis, where cost-effective to all PEF customers. To be eligible for incentives, projects must reduce or shift a minimum of 10 kW of peak demand.

Program Accomplishments for January 2009 through December 2009: There were a total of three projects initiated in 2009. Each of these projects are currently being evaluated to determine incentive eligibility.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$21,939.

Program Progress Summary: This program continues to target specialized, customer specific energy efficiency measures not covered through the company's other DSM programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: Progress Energy Florida provides an opportunity for commercial customers to voluntarily operate their on-site generators during times of system peak. Participants receive an incentive per kW available, as well as a kWh supplement for runtime during times of system peak.

Program Accomplishments for January 2009 through December 2009: There were 32 new accounts added to the program during this period.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$2,564,990.

Program Progress Summary: A total of 215 accounts are currently participating in this incentive program.

Program Description and Progress

Program Title: Interruptible Service Program

Program Description: The Interruptible Service program is a rate tariff which allows PEF to switch off electrical service to customers during times of capacity shortages. The signal to operate the automatic switch on the customer's service is activated by the Energy Control Center. In return for this electric interruption, customers receive a monthly rebate on their kW demand charge.

Program Accomplishments for January 2009 through December 2009: There were 3 new participants added to the program under the IS-2 tariff during this period.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$17,661,877.

Program Progress Summary: The program currently has 149 active participants including 126 IS-1 participants, 21 IS-2 accounts, and 2 SECI- IS participants. The original program (filed as the IS-1 tariff) is no longer cost-effective under the Commission approved test and was closed to new participants on April 16, 1996. Existing participants were grandfathered into the program. New participants are placed on the IS-2 tariff.

Program Description and Progress

Program Title: Curtailable Service Program

Program Description: Curtailable Service is a dispatchable DSM program in which customers contract to curtail or shut down a portion of their load during times of capacity shortages. The curtailment is done voluntarily by the customer when notified by PEF. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

Program Accomplishments for January 2009 through December 2009: There were no new participants added to this program in 2009.

Program Fiscal Expenditures for January 2009 through December 2009: Expenses for this program were \$746,753.

Program Progress Summary: The program currently has 6 participants including 4 CS-1 customers and 2 CS-2 customers. The original program (filed as the CS-1 tariff) is no longer cost-effective under the Commission approved test and was closed to new participants on April 16, 1996. Existing participants were grandfathered into the program. New participants are placed on the CS-2 tariff.

Program Description and Progress

Program Title: Technology Development

Program Description: This program allows PEF to undertake certain development and demonstration projects which have promise to become cost-effective conservation and energy efficiency programs.

Program Accomplishments for January 2009 through December 2009:

Several research and development projects continued and/or launched in 2009.

- Installed the first small-scale wind turbine associated with a FECC grant
- Advanced DSM-Smart Grid vision through research on customer behavior modification and awareness
- Installed DSM controlled charging infrastructure to support the Plug-in Hybrid Electric Vehicle (PHEV) smart charging research initiative
- Continued battery storage technology analysis by installing two Li-Ion batteries associated with the Renewable SEEDS project
- Partnered with the University of South Florida to design an automated controls and web management pilot to evaluate energy saving potential associated with a facility on campus
- Partnered with Stetson University to begin initial monitoring of a geothermal HVAC system
- Enhanced commercial solar water heating research to include restaurants, firehouse, and vocational school
- Partnered with EPRI and other research organizations to evaluate energy efficiency, energy storage, and alternative energy / innovative technologies

Program Fiscal Expenditures for January 2009 through December 2009:

Expenses for this program were \$ 622,171.

Program Progress Summary:

In 2009 PEF continued the mission of helping our customers use energy responsibly, expand the use of renewable resources, and aggressively pursue energy technologies. Research managed under the Technology Development program provided significant input in the development of programs associated with the 2009 DSM goals filing. Examples include demand response enhancements, solar PV and water heating

Program Title: Technology Development (continued)

Program Description and Progress

initiatives, and customer behavior modification and awareness. Additional studies on geothermal, facility control automation, and battery storage will continue to be developed in the hopes of creating future program opportunities. Associated with a FECC grant, the first small-scale wind turbine was installed, which will provide an opportunity to develop a demand and energy profile of the renewable energy production. Initial results continue to reveal challenges for wind energy production in Florida. These challenges may result in necessary revisions to the project scope for the remaining two years of the grant. Electric transportation continues to maintain rapid development. Progress Energy has installed two DSM controlled charging stations and has partnered with Gridpoint to evaluate the use of three vehicles. This research will support the development of both control infrastructure and other behavior modifications to encourage off-peak charging. Another transformational technology in Smart Grid promises to provide many new demand and energy saving opportunities. Smart Grid research includes evaluation of advanced meters, communication and control technology, as well as customer acceptance.

Program Description and Progress

Program Title: Qualifying Facility

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

Program Accomplishments for January, 2009 through December, 2009: PEF executed a contract with FB Energy (60 MW) to purchase renewable capacity in 2009. Progress Energy Florida also executed amendments to the Biomass Gas & Electric (45 MW) contract and Vision Power (40 MW) contract in 2009. Progress Energy Florida will continue to negotiate with potential Qualifying Facilities and restructure existing contracts when opportunities arise.

Program Fiscal Expenditures for January, 2009 through December, 2009: Expenses for this program were \$662,362.

Program Progress Summary:

The total MW of qualifying facility capacity is approximately 682 MW with another 280 MW of future qualifying facility capacity under contract.

Program Description and Progress

Program Title: Renewable Energy Program

Program Description: This program consists of two measures that are designed to encourage the installation of renewable energy systems.

Solar Water Heater with EnergyWise: This measure encourages residential customers to install a solar thermal water heating system. The customer must have whole house electric cooling, electric water heating, and electric heating to be eligible for this program.

Solar Photovoltaics with EnergyWise (SolarWise for Schools): This measure promotes environmental stewardship and renewable energy education through the installation of solar energy systems at schools within Progress Energy Florida's service territory. Customers participating in the Winter-Only EnergyWise or Year-Round EnergyWise Program can elect to donate their monthly credit toward the Solar Photovoltaics with EnergyWise Fund.

All proceeds collected from participating customers, and their associated monthly credits, will be used to promote photovoltaics and renewable energy educational opportunities.

Program Accomplishments for January, 2009 through December, 2009: There were 2658 customers that participated in the Solar Water Heater with Energy Wise and 1324 customers participating in our SolarWise for Schools program in 2009.

Program Fiscal Expenditures for January, 2009 through December, 2009: Expenses for this program were \$807,798.

Program Progress Summary: This program will continue to be offered to residential customers to encourage the use of solar water heating systems and to promote environmental stewardship and renewable energy education. Total enrollment is 3,038 for Solar Water Heaters and 1,306 for SolarWise for Schools.

Program Title: Neighborhood Energy Saver

Program Description and Progress

Program Description: The Neighborhood Energy Saver Program is designed to assist low-income families with escalating energy costs. The goal of this program is to implement a comprehensive package of electric conservation measures at no cost to eligible customers. Additionally, we will endeavor to educate the participating families to better manage their energy usage through efficiency techniques and practices.

Program Accomplishments for January, 2009 through December, 2009: There were 2,236 customers who participated in the Neighborhood Energy Saver program.

Program Fiscal Expenditures for January, 2009 through December, 2009: Expenses for this program were \$990,124.

Program Progress Summary: This program will continue to be offered to low-income neighborhoods in PEF's service territories through 2014.

Exhibit No. ____ (GRF-1PA-1)

Docket No. 100002-EG

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

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG

EXHIBIT 7

PARTY PRGRESS ENERGY FLORIDA, INC. (DIRECT)

DESCRIPTION GARY R. FREEMAN (GRF-1PA-1)

DATE 11/01/10

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

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

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrs(1))	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8760hrs)	(8) Annual Average Demand Allocator (%)	(9) 12 CP Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1 Secondary	0.494	18,156,533	4,195.68	0.9342388	19,434,573	4,491.01	2,218.56	50.132%	62.283%	61.349%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.695	1,166,288	191.57	0.9342388	1,248,383	205.05	142.51	3.220%	2.844%	2.873%
Primary	0.695	4,416	0.73	0.9687000	4,559	0.75	0.52	0.012%	0.010%	0.010%
Transmission	0.695	3,699	0.61	0.9787000	3,780	0.62	0.43	0.010%	0.009%	0.009%
								3.242%	2.863%	2.892%
General Service										
GS-2 Secondary	1.000	97,312	11.11	0.9342388	104,162	11.89	11.89	0.269%	0.165%	0.173%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.785	12,131,043	1,764.10	0.9342388	12,984,948	1,888.28	1,482.30	33.495%	26.187%	26.750%
Primary	0.785	2,266,966	329.66	0.9687000	2,340,215	340.32	267.15	6.037%	4.720%	4.821%
Transmission	0.785	0	0.00	0.9787000	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.546	8	0.00	0.9687000	8	0.00	0.00	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	1.546	11,483	0.85	0.9787000	11,733	0.87	1.34	0.030%	0.012%	0.013%
Transm Del/ Primary Mtr	1.546	4,471	0.33	0.9687000	4,615	0.34	0.53	0.012%	0.005%	0.005%
								39.574%	30.924%	31.589%
Curtailable										
CS-1, CST-1, CS-2, CST-2, SS-3										
Secondary	0.935	0	0.00	0.9342388	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	0.935	171,491	20.94	0.9687000	177,032	21.61	20.21	0.457%	0.300%	0.312%
SS-3 Primary	0.451	3,536	0.90	0.9687000	3,650	0.92	0.42	0.009%	0.013%	0.013%
								0.466%	0.313%	0.324%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.983	100,117	11.63	0.9342388	107,164	12.44	12.23	0.276%	0.173%	0.181%
Sec Del/Primary Mtr	0.983	4,623	0.54	0.9687000	4,772	0.55	0.54	0.012%	0.008%	0.008%
Primary Del / Primary Mtr	0.983	1,166,627	135.48	0.9687000	1,204,322	139.86	137.48	3.107%	1.940%	2.029%
Primary Del / Transm Mtr	0.983	16,410	1.91	0.9787000	16,767	1.95	1.91	0.043%	0.027%	0.028%
Transm Del/ Transm Mtr	0.983	289,741	33.65	0.9787000	296,047	34.38	33.80	0.764%	0.477%	0.499%
Transm Del/ Primary Mtr	0.983	264,215	30.68	0.9687000	272,752	31.67	31.14	0.704%	0.439%	0.460%
SS-2 Primary	0.929	75,224	9.24	0.9687000	77,655	9.54	8.86	0.200%	0.132%	0.138%
Transm Del/ Transm Mtr	0.929	64,481	7.92	0.9787000	65,884	8.10	7.52	0.170%	0.112%	0.117%
Transm Del/ Primary Mtr	0.929	14,531	1.79	0.9687000	15,001	1.84	1.71	0.039%	0.026%	0.027%
								5.315%	3.333%	3.486%
Lighting										
LS-1 (Secondary)	5.151	363,266	8.05	0.9342388	388,836	8.62	44.39	1.003%	0.120%	0.187%
		36,376,481	6,757.34		38,766,859	7,210.62	4,425.44	100.000%	100.000%	100.000%

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

(6) Calculated: Column 3 / Column 4
 (7) Calculated: Column 5 / 8,760 hours
 (8) Column 5/ Total Column 5
 (9) Column 6/ Total Column 6
 (10) Column 8 x 1/13 + Column 9 x 12/13

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

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

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP & 1/13 AD Demand Allocator (%)	(3) Energy- Related Costs (\$)	(4) Production Demand Costs (\$)	(5) Total Energy Conservation Costs (\$)	(6) Projected Effective Sales at Meter Level (mWh)	(7) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (kW)	(9) Energy Conservation Cost Recovery (\$/kW-month)	(10) (cents/kWh)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1 Secondary	50.132%	61.349%	\$ 20,782,059	\$31,766,808	\$52,548,867	18,156,533				0.289
General Service Non-Demand										
GS-1, GST-1										
Secondary						1,166,288				0.242
Primary						4,372				0.240
Transmission						3,625				0.237
TOTAL GS	3.242%	2.892%	\$ 1,343,855	\$1,497,434	\$2,841,289	1,174,285				
General Service										
GS-2 Secondary	0.269%	0.173%	\$ 111,384	\$89,523	\$200,906	97,312				0.206
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						12,131,043			0.86	
Primary						2,248,731			0.85	
Transmission						11,253			0.84	
TOTAL GSD	39.574%	31.589%	\$ 16,405,216	\$16,357,194	\$32,762,410	14,391,027	51.82%	38,040,254		
Curtable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.90	
Primary						173,277			0.89	
Transmission						-			0.88	
TOTAL CS	0.466%	0.324%	\$ 193,210	\$167,964	\$361,174	173,277	59.38%	399,711		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						100,117			0.78	
Primary						1,509,968			0.77	
Transmission						363,219			0.76	
TOTAL IS	5.315%	3.486%	\$ 2,203,219	\$1,804,854	\$4,008,072	1,973,304	52.86%	5,113,835		
Lighting										
LS-1 Secondary	1.003%	0.187%	\$ 415,796	\$97,074	\$512,870	363,266				0.141
TOTAL LS	100.000%	100.000%	\$41,454,739	\$51,780,850	\$93,235,589	36,329,004				0.257

Notes:

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

*Calculation of Standby Service kW Charges:			
	ECCR Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$37,131,656	43,553,800	0.85
SS-1, 2, 3 - \$/kW-mo			
	Secondary	Primary	Trans
Monthly - \$0.85/kW * 10%	0.085	0.084	0.083
Daily - \$0.85/kW / 21	0.040	0.040	0.039

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

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

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

	<u>SUMMARY OF DEMAND & ENERGY</u>				
	12 Months Total	Prior Period True-Up Under(Over) Recovery	Total Costs with True - up	Revenue Expansion Factor	Total Costs To Recovery
28 ENERGY	\$ 42,403,065	\$ (965,274)	\$ 41,437,791	1.000409	\$ 41,454,739
30 DEMAND	<u>53,155,496</u>	<u>(1,395,816)</u>	<u>51,759,680</u>	1.000409	<u>51,780,850</u>
32 TOTAL	<u>\$ 95,558,561</u>	<u>\$ (2,361,090)</u>	<u>\$ 93,197,471</u>		<u>\$ 93,235,589</u>

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

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

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

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

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

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION, AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
1	BETTER BUSINESS	\$6,706	\$442,321	\$15,581	\$21,738	\$166,788	\$1,980,000	\$0	\$33,231	\$0	\$2,666,365
2	RESIDENTIAL NEW CONSTRUCTION	0	1,086,648	3,800	10,000	160,214	1,101,588	0	170,045	0	2,532,296
3	HOME ENERGY IMPROVEMENT	20,476	1,814,144	82,742	372,796	2,520,328	9,072,640	0	267,498	0	14,150,624
4	C/I NEW CONSTRUCTION	0	215,838	15,581	21,738	89,847	610,000	0	34,541	0	987,545
5	HOME ENERGY CHECK	592	4,032,123	503,493	313,853	3,827,586	0	0	624,772	0	9,302,419
6	LOW INCOME	0	137,060	0	1,000	32,136	100,000	0	38,013	0	308,209
7	RENEWABLE ENERGY SAVER	0	172,461	335	17,000	216,588	765,000	0	30,579	0	1,201,962
8	NEIGHBORHOOD ENERGY SAVER	0	177,290	3,457	29,100	25,860	966,370	0	47,850	0	1,249,927
9	BUSINESS ENERGY CHECK	10,746	1,452,682	77,742	1,155,118	213,345	0	0	438,502	0	3,348,136
10	CONSERVATION PROGRAM ADMIN (E)	23,036	2,541,500	35,302	725,023	535,050	0	0	1,208,296	0	5,068,207
11	CONSERVATION PROGRAM ADMIN (D)	0	282,390	3,923	80,555	59,455	0	0	134,254	0	560,577
12	QUALIFYING FACILITY	0	631,321	4,005	50,000	0	0	0	32,128	0	717,454
13	INNOVATION INCENTIVE	0	13,706	0	6,500	0	22,500	0	1,000	0	43,706
14	TECHNOLOGY DEVELOPMENT	5,865	431,114	2,111	129,400	0	0	0	257,725	0	826,215
15	STANDBY GENERATION	57,092	181,125	1,719	12,535	0	2,575,000	0	33,530	0	2,861,001
16	INTERRUPTIBLE LOAD MANAGEMENT	51,166	13,430	0	0	0	19,650,000	0	40,546	0	19,755,142
17	CURTAILABLE LOAD MANAGEMENT	0	0	0	0	0	840,000	0	3,275	0	843,275
18	RESIDENTIAL LOAD MANAGEMENT	336,049	1,719,006	7,146	1,789,591	927,624	17,600,425	0	1,012,681	0	23,392,522
19	LOAD MANAGEMENT SWITCHES	5,068,547	0	0	0	0	0	0	0	0	5,068,547
20	COMMERCIAL LOAD MANAGEMENT	0	0	0	32,188	0	640,000	0	2,244	0	674,432
21											
22											
23	NET PROGRAM COSTS	\$ 5,580,275	\$ 15,344,159	\$ 756,938	\$ 4,768,135	\$ 8,774,821	\$ 55,923,524	\$ -	\$ 4,410,709	\$ -	\$ 95,558,561
24											
25											
26	SUMMARY OF DEMAND & ENERGY										
27											
28	ENERGY	\$67,421	\$13,148,207	\$744,150	\$2,853,266	\$7,787,743	\$14,618,099	\$0	\$3,184,179	\$0	\$42,403,065
29											
30	DEMAND	5,512,854	2,195,952	12,788	1,914,869	987,078	41,305,425	0	1,226,529	0	53,155,496
31											
32	TOTAL	\$5,580,275	\$15,344,159	\$756,938	\$4,768,135	\$8,774,821	\$55,923,524	\$0	\$4,410,709	\$0	\$95,558,561

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

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

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

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

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

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

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

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	
1	RESIDENTIAL ENERGY MANAGEMENT (20015943) (D)														
2	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	
5															
6	DEPRECIATION EXPENSE		21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	21,900	262,800
7															
8	CUMULATIVE INVESTMENT	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013	1,314,013
9	LESS: ACC. DEPRECIATION	515,278	537,178	559,078	580,978	602,878	624,778	646,678	668,578	690,478	712,378	734,278	756,178	778,078	778,078
10	NET INVESTMENT	798,735	776,835	754,935	733,035	711,135	689,235	667,335	645,435	623,535	601,635	579,735	557,835	535,935	535,935
11	AVERAGE INVESTMENT		787,785	765,885	743,985	722,085	700,185	678,285	656,385	634,485	612,585	590,685	568,785	546,885	
12	RETURN ON AVERAGE INVESTMENT		5,174	5,030	4,886	4,742	4,598	4,455	4,311	4,167	4,023	3,880	3,736	3,592	52,594
13															
14	RETURN REQUIREMENTS		7,206	7,005	6,805	6,604	6,404	6,205	6,004	5,804	5,603	5,404	5,203	5,002	73,249
15															
16	PROGRAM TOTAL		\$ 29,106	\$ 28,905	\$ 28,705	\$ 28,504	\$ 28,304	\$ 28,105	\$ 27,904	\$ 27,704	\$ 27,503	\$ 27,304	\$ 27,103	\$ 26,902	\$336,049
17															
18	LOAD MANAGEMENT SWITCHES (9080120) (D)														
19															
20	EXPENDITURES BOOKED DIRECTLY TO PLANT		\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,144	\$ 247,143	\$2,965,733
21	RETIREMENTS		89,558	52,114	124,699	36,850	100,579	52,316	345,576	63,869	33,824	161,598	113,151	168,798	1,342,931
22	INVESTMENTS BOOKED TO CWP		149,295	149,295	314,472	128,843	128,843	135,813	128,843	128,843	135,813	128,843	128,843	135,813	1,793,560
23	CLOSINGS TO PLANT														0
24	AMORTIZATION BASE		18,271,153	18,447,462	18,606,200	18,772,570	18,951,000	19,121,697	19,169,896	19,212,318	19,410,616	19,560,049	19,669,819	19,775,989	
25															
26	AMORTIZATION EXPENSE		304,520	307,458	310,104	312,877	315,851	318,696	319,499	320,206	323,511	326,001	327,831	329,600	3,816,154
27															
28	CUMULATIVE PLANT INVEST.	18,192,359	18,349,946	18,544,977	18,667,422	18,877,717	19,024,283	19,219,112	19,120,680	19,303,955	19,517,276	19,602,823	19,736,816	19,815,161	19,815,161
29	LESS: ACC. AMORT.	8,340,489	8,555,451	8,810,796	8,996,201	9,272,228	9,487,501	9,753,881	9,727,803	9,984,140	10,273,827	10,438,231	10,652,910	10,813,713	10,813,713
30	NET PLANT INVESTMENT	9,851,870	9,794,495	9,734,181	9,671,222	9,605,489	9,536,783	9,465,231	9,392,877	9,319,815	9,243,449	9,164,592	9,083,905	9,001,449	9,001,449
31	CUMULATIVE CWP INVEST.	993,629	1,142,924	1,292,219	1,606,691	1,735,534	1,864,378	2,000,190	2,129,034	2,257,877	2,393,690	2,522,533	2,651,377	2,787,189	2,787,189
32	NET CWP INVESTMENT		1,142,924	1,292,219	1,606,691	1,735,534	1,864,378	2,000,190	2,129,034	2,257,877	2,393,690	2,522,533	2,651,377	2,787,189	2,787,189
33	AVERAGE INVESTMENT		10,891,459	10,981,909	11,152,156	11,309,468	11,371,092	11,433,291	11,493,666	11,549,801	11,607,415	11,662,132	11,711,204	11,761,960	
34	RETURN ON AVG. INVEST.		71,530	72,123	73,242	74,275	74,680	75,088	75,485	75,854	76,232	76,591	76,913	77,247	899,260
35															
36	RETURN REQUIREMENTS		99,619	100,445	102,004	103,443	104,006	104,575	105,127	105,641	106,168	106,668	107,116	107,581	1,252,393
37															
38	PROGRAM TOTAL		\$ 404,139	\$ 407,903	\$ 412,108	\$ 416,320	\$ 419,857	\$ 423,271	\$ 424,626	\$ 425,847	\$ 429,679	\$ 432,669	\$ 434,947	\$ 437,181	\$5,068,547
39															
40	SUMMARY OF DEMAND & ENERGY:														
41															
42	ENERGY		5,492	5,459	5,420	5,383	5,345	5,310	5,275	5,237	5,200	5,164	6,434	7,702	67,421
43	DEMAND		439,555	443,179	448,008	452,840	456,127	460,156	462,122	463,082	467,518	471,109	473,115	475,943	5,512,854
44	TOTAL DEPRECIATION AND RETURN		445,147	448,638	453,428	458,223	461,472	465,466	467,397	468,319	472,718	476,273	479,549	483,645	5,580,275

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

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

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

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

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

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

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

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OPERATING AND MAINTENANCE COSTS					PROGRAM REVENUES (CREDITS)	TOTAL
					OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	STANDBY GENERATION										
2	A. ACTUAL	\$20,467	\$108,953	\$0	\$6,773	\$708	\$0	\$1,169,319	\$11,786	\$0	\$1,318,006
3	B. ESTIMATED	14,085	93,265	0	3,362	593	0	980,681	9,328	0	1,101,314
4											
5	C. TOTAL	34,552	202,218	0	10,135	1,301	0	2,150,000	21,114	0	2,419,320
6											
7	INTERRUPT LOAD MANAGEMENT										
8	A. ACTUAL	\$12,972	\$39,527	\$0	\$2,731	\$316	\$0	\$10,609,123	\$3,311	\$0	\$10,667,980
9	B. ESTIMATED	13,565	23,351	0	0	0	0	8,390,877	7,342	0	8,435,134
10											
11	C. TOTAL	26,537	62,877	0	2,731	316	0	19,000,000	10,653	0	19,103,114
12											
13	CURTAIL LOAD MANAGEMENT										
14	A. ACTUAL	\$0	\$4,088	\$0	\$0	\$0	\$0	\$388,573	\$537	\$0	\$393,199
15	B. ESTIMATED	0	1,876	0	0	0	0	451,427	162	0	453,464
16											
17	C. TOTAL	0	5,964	0	0	0	0	840,000	698	0	846,662
18											
19	RESIDENTIAL LOAD MANAGEMENT										
20	A. ACTUAL	\$2,801,665	\$829,741	\$0	\$673,791	\$4,518	\$269,560	\$12,790,933	\$42,520	\$0	\$17,412,728
21	B. ESTIMATED	2,096,557	1,719,162	0	1,018,073	4,511	293,182	6,768,688	812,025	0	12,712,198
22											
23	C. TOTAL	4,898,222	2,548,904	0	1,691,864	9,029	562,742	19,559,621	854,545	0	30,124,926
24											
25	COMMERCIAL LOAD MANAGEMENT										
26	A. ACTUAL	\$0	\$35	\$0	\$0	\$0	\$0	\$376,382	\$0	\$0	\$376,417
27	B. ESTIMATED	0	35	0	0	0	0	273,618	0	0	273,652
28											
29	C. TOTAL	0	69	0	0	0	0	650,000	0	0	650,069
30											
31	CONSERVATION PROGRAM ADMIN										
32	A. ACTUAL	\$10,167	\$2,188,971	\$0	\$565,822	\$70,562	\$198,978	\$0	\$697,539	\$0	\$3,732,039
33	B. ESTIMATED	9,165	2,621,187	0	1,114,263	233,270	181,732	0	1,092,274	0	5,251,892
34											
35	C. TOTAL	19,332	4,810,159	0	1,680,085	303,832	380,710	0	1,789,813	0	8,983,931
36											
37											
38	TOTAL ALL PROGRAMS	\$5,013,648	\$17,579,479	\$0	\$5,280,189	\$961,425	\$5,851,689	\$54,143,863	\$3,847,047	\$0	\$92,677,341

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

DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
GARY R. FREEMAN
EXHIBIT NO. _____ (GRF-1PA-1)
SCHEDULE C-3
PAGE 4 of 9

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	BETTER BUSINESS (20015937) (E)													
2	INVESTMENTS	\$24,059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,059
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	12,029	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	
5														
6	DEPRECIATION EXPENSE	0	401	401	401	401	401	401	401	401	401	401	401	4,411
7														
8	CUMM. NET INVEST	0	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
9	LESS: ACC. NET DEPR	0	0	401	802	1,203	1,604	2,005	2,406	2,807	3,208	3,609	4,010	4,411
10	NET INVESTMENT	0	24,059	23,658	23,257	22,856	22,455	22,054	21,653	21,252	20,851	20,450	20,049	19,648
11	AVERAGE INVESTMENT		12,029	23,858	23,457	23,056	22,655	22,254	21,853	21,452	21,051	20,650	20,249	19,848
12	RETURN ON AVG INVEST		79	157	154	152	149	146	144	141	138	136	133	131
13														1,560
14	RETURN REQUIREMENTS		110	219	214	212	207	203	201	196	192	189	185	182
15														2,310
16	PROGRAM TOTAL		\$110	\$620	\$615	\$613	\$608	\$604	\$602	\$597	\$593	\$590	\$586	\$583
17														\$6,721
18	HOME ENERGY IMPROVEMENT (20015934) (E)													
19	INVESTMENTS	\$28,783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,783
20	RETIREMENTS	7,578	0	0	0	0	0	0	0	0	0	0	0	7,578
21	DEPRECIATION BASE	68,271	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	
22														
23	DEPRECIATION EXPENSE		1,138	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	15,603
24														
25	CUMM. NET INVEST	57,669	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
26	LESS: ACC. NET DEPR	20,200	13,758	15,074	16,389	17,704	19,019	20,334	21,649	22,964	24,279	25,594	26,909	28,224
27	NET INVESTMENT	37,470	65,115	63,800	62,485	61,170	59,855	58,540	57,225	55,910	54,595	53,280	51,965	50,650
28	AVERAGE INVESTMENT		51,292	64,457	63,142	61,827	60,512	59,197	57,882	56,567	55,252	53,937	52,622	51,307
29	RETURN ON AVG INVEST		337	424	414	406	398	389	380	371	363	355	345	337
30														4,519
31	RETURN REQUIREMENTS		470	590	577	566	554	542	529	517	506	494	481	470
32														6,296
33	PROGRAM TOTAL		\$1,608	\$1,905	\$1,892	\$1,881	\$1,869	\$1,857	\$1,844	\$1,832	\$1,821	\$1,809	\$1,796	\$1,785
34														\$21,899
35	HOME ENERGY CHECK (20015932) (E)													
36	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	
39														
40	DEPRECIATION EXPENSE		43	43	43	43	43	43	43	43	43	43	43	516
41														
42	CUMM. NET INVEST	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560
43	LESS: ACC. NET DEPR	1,088	1,131	1,174	1,217	1,260	1,303	1,346	1,389	1,432	1,475	1,518	1,561	1,604
44	NET INVESTMENT	1,472	1,429	1,386	1,343	1,300	1,257	1,214	1,171	1,128	1,085	1,042	999	956
45	AVERAGE INVESTMENT		1,451	1,408	1,365	1,322	1,279	1,236	1,193	1,150	1,107	1,064	1,021	978
46	RETURN ON AVG INVEST		10	9	9	8	8	8	8	8	8	7	7	6
47														96
48	RETURN REQUIREMENTS		14	13	13	11	11	11	11	11	11	10	10	9
49														135
50	PROGRAM TOTAL		\$57	\$56	\$56	\$54	\$54	\$54	\$54	\$54	\$54	\$53	\$53	\$52
														\$651

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
GARY R. FREEMAN
EXHIBIT NO. _____ (GRF-1PA-1)
SCHEDULE C-3
PAGE 5 OF 9

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	BUSINESS ENERGY CHECK (20015936) (E)													
2	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,000	\$0	\$23,000
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0	11,500	23,000	
5	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	383	383
6	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	23,000	23,000	23,000
7	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	383	383
8	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	23,000	22,617	22,617
9	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0	11,500	22,809	
10	RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0	75	150	225
11	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0	105	209	314
12	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$592	\$697
13	TECHNOLOGY DEVELOPMENT (20015939) (E)													
14	INVESTMENTS	\$0	\$11,311	\$1,630	\$0	\$305	\$0	\$0	\$0	\$0	\$0	\$0	\$2,356	\$15,603
15	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
16	DEPRECIATION BASE	6,224	11,879	18,350	19,166	19,318	19,471	19,471	19,471	19,471	19,471	19,471	20,649	
17	DEPRECIATION EXPENSE	104	198	306	319	322	325	325	325	325	325	325	344	3,543
18	CUMM. NET INVEST	6,224	17,535	19,166	19,166	19,471	19,471	19,471	19,471	19,471	19,471	19,471	21,827	21,827
19	LESS: ACC. NET DEPR	2,496	2,600	2,798	3,104	3,423	3,745	4,070	4,395	4,720	5,045	5,370	5,695	6,039
20	NET INVESTMENT	3,728	14,935	16,368	16,062	16,046	15,726	15,401	15,076	14,751	14,426	14,101	13,776	15,788
21	AVERAGE INVESTMENT	3,676	9,180	15,399	15,902	15,734	15,563	15,238	14,913	14,588	14,263	13,938	14,782	
22	RETURN ON AVG INVEST	24	61	101	104	104	102	100	98	96	94	91	97	1,072
23	RETURN REQUIREMENTS	33	85	141	145	145	142	140	136	134	131	127	135	1,494
24	PROGRAM TOTAL	\$137	\$283	\$447	\$464	\$467	\$467	\$465	\$481	\$459	\$456	\$452	\$479	\$5,037
25	STANDBY GENERATION (20021332) (D)													
26	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
28	DEPRECIATION BASE	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	
29	DEPRECIATION EXPENSE	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	23,544
30	CUMM. NET INVEST	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723
31	LESS: ACC. NET DEPR	5,629	7,591	9,553	11,515	13,477	15,439	17,401	19,363	21,325	23,287	25,249	27,211	29,173
32	NET INVESTMENT	112,094	110,132	108,170	106,208	104,246	102,284	100,322	98,360	96,398	94,436	92,474	90,512	88,550
33	AVERAGE INVESTMENT	111,113	109,151	107,189	105,227	103,265	101,303	99,341	97,379	95,417	93,455	91,493	89,531	
34	RETURN ON AVG INVEST	729	717	704	691	678	665	652	640	627	614	601	588	7,906
35	RETURN REQUIREMENTS	1,015	998	980	962	944	926	908	891	873	855	837	819	11,008
36	PROGRAM TOTAL	\$2,977	\$2,960	\$2,942	\$2,924	\$2,906	\$2,888	\$2,870	\$2,853	\$2,835	\$2,817	\$2,799	\$2,781	\$34,552

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
GARY R FREEMAN
EXHIBIT NO. _____ (GRF-1PA-1)
SCHEDULE C-3
PAGE 6 OF 9

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	INTERRUPTIBLE SERVICE (20015941) (D)													
2	INVESTMENTS	\$0	\$0	(\$6,097)	\$0	\$0	\$0	\$0	\$15,400	\$15,400	\$15,400	\$15,400	\$15,400	\$70,903
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	80,692	80,692	77,644	74,596	74,596	74,596	74,596	82,296	97,696	113,096	128,496	143,896	
5	DEPRECIATION EXPENSE	1,345	1,345	1,294	1,243	1,243	1,243	1,243	1,372	1,628	1,885	2,142	2,398	18,381
7	CUMM. NET INVEST	80,692	80,692	80,692	74,596	74,596	74,596	74,596	89,996	105,396	120,796	136,196	151,596	151,596
8	LESS: ACC. NET DEPR	9,466	10,811	12,156	13,450	14,693	15,936	17,179	18,422	19,794	21,422	23,307	25,449	27,847
9	NET INVESTMENT	71,226	69,881	68,536	61,146	59,903	58,660	57,417	56,174	70,202	83,974	97,489	110,747	123,749
10	AVERAGE INVESTMENT		70,554	69,209	64,841	60,524	59,281	58,038	56,795	63,188	77,088	90,731	104,118	117,248
11	RETURN ON AVG INVEST		464	454	426	398	389	381	373	414	507	596	684	5,857
12	RETURN REQUIREMENTS		646	632	593	554	542	530	519	577	706	830	953	8,156
13	PROGRAM TOTAL		\$1,991	\$1,977	\$1,887	\$1,797	\$1,785	\$1,773	\$1,762	\$1,949	\$2,334	\$2,715	\$3,095	\$26,537
17	RESIDENTIAL ENERGY MANAGEMENT (20015943) (D)													
18	INVESTMENTS	\$33,316	\$34,571	\$0	\$0	\$0	\$0	\$0	\$46,043	\$46,043	\$46,043	\$46,043	\$46,043	\$298,100
19	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
20	DEPRECIATION BASE	1,032,571	1,066,515	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,106,822	1,152,864	1,198,907	1,244,949	1,290,992	
21	DEPRECIATION EXPENSE	17,210	17,775	18,063	18,063	18,063	18,063	18,063	18,447	19,214	19,982	20,749	21,517	225,209
22	CUMM. NET INVEST	1,015,913	1,049,229	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,129,843	1,175,885	1,221,928	1,267,971	1,314,013	1,314,013
23	LESS: ACC. NET DEPR	290,069	307,279	325,054	343,117	361,180	379,243	397,306	415,369	433,816	453,030	473,012	493,761	515,278
24	NET INVESTMENT	725,844	741,950	758,746	740,683	722,620	704,557	686,494	668,431	696,027	722,855	748,916	774,210	798,735
25	AVERAGE INVESTMENT		733,897	750,348	749,715	731,652	713,589	695,526	677,463	682,229	709,441	735,886	761,563	786,472
26	RETURN ON AVG INVEST		4,820	4,927	4,924	4,805	4,686	4,568	4,449	4,481	4,659	4,833	5,002	57,319
27	RETURN REQUIREMENTS		6,713	6,862	6,858	6,692	6,526	6,362	6,196	6,241	6,488	6,731	6,966	79,828
28	PROGRAM TOTAL		\$23,923	\$24,637	\$24,921	\$24,755	\$24,589	\$24,425	\$24,259	\$24,688	\$25,702	\$26,713	\$27,715	\$305,037

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	LOAD MANAGEMENT SWITCHES (9080120) (D)													
2														
3	EXPENDITURES BOOKED DIRECTLY TO PLANT	\$65,340	\$82,143	\$120,805	\$176,597	\$153,708	\$121,741	\$216,004	\$273,732	\$273,732	\$273,732	\$273,732	\$273,732	\$2,305,000
4	RETIREMENTS	(143,655)	41,908	56,128	44,078	26,607	21,841	21,033	14,617	20,203	304,379	54,728	45,139	507,005
5	INVESTMENTS BOOKED TO CWP	-	-	-	9,985	37,336	54,089	283,588	111,518	111,518	111,518	137,038	137,038	993,629
6	CLOSINGS TO PLANT													
7	AMORTIZATION BASE	16,498,862	16,623,477	16,675,933	16,774,531	16,904,342	17,017,843	17,165,278	17,392,321	17,648,643	17,760,085	17,854,264	18,078,063	
8														
9	AMORTIZATION EXPENSE	274,982	277,059	277,933	279,576	281,740	283,631	286,089	289,873	294,145	296,002	297,572	301,302	3,439,904
10														
11	CUMULATIVE PLANT INVEST.	16,394,365	16,603,359	16,643,594	16,708,272	16,840,791	16,967,893	17,067,793	17,262,763	17,521,879	17,775,408	17,963,766	18,192,359	18,192,359
12	LESS: ACC. AMORT.	5,407,590	5,826,227	6,061,379	6,283,184	6,518,682	6,773,816	7,035,605	7,300,661	7,575,617	7,849,859	8,084,326	8,340,489	8,340,489
13	NET PLANT INVESTMENT	10,986,774	10,777,132	10,582,216	10,425,088	10,322,109	10,194,077	10,032,188	9,962,102	9,945,962	9,925,549	9,879,440	9,851,870	9,851,870
14	CUMULATIVE CWP INVEST.	-	-	-	-	-	9,985	47,321	101,411	384,999	496,517	719,553	993,629	993,629
15	NET CWP INVESTMENT	-	-	-	-	-	9,985	47,321	101,411	384,999	496,517	719,553	993,629	993,629
16	AVERAGE INVESTMENT	10,881,953	10,679,674	10,503,652	10,378,591	10,286,746	10,187,499	10,240,350	10,394,790	10,488,031	10,578,208	10,679,432	10,790,765	
17	RETURN ON AVG. INVEST.	71,467	70,139	68,982	68,162	67,559	66,906	67,253	68,267	68,880	69,473	70,137	70,868	828,093
18														
19	RETURN REQUIREMENTS	99,532	97,682	96,071	94,929	94,089	93,180	93,663	95,075	95,929	96,755	97,679	98,697	1,153,281
20														
21	PROGRAM TOTAL	\$374,514	\$374,741	\$374,004	\$374,505	\$375,829	\$376,811	\$379,752	\$384,948	\$390,074	\$392,757	\$395,251	\$399,999	\$4,593,185
22														
23	ENERGY CONSERVATION ADMIN (20015935) (E)													
24	INVESTMENTS	\$0	\$0	\$0	\$0	\$31,365	\$0	\$0	\$0	\$0	\$0	\$11,000	\$0	\$42,365
25	RETIREMENTS	0	0	26,590	0	0	0	0	0	0	0	0	0	26,590
26	DEPRECIATION BASE	72,884	72,884	59,588	46,293	61,976	77,659	77,659	77,659	77,659	77,659	83,159	88,659	
27														
28	DEPRECIATION EXPENSE	1,215	1,215	993	772	1,033	1,294	1,294	1,294	1,294	1,294	1,386	1,478	14,562
29														
30	CUMM. NET INVEST	72,884	72,884	72,884	46,293	46,293	77,659	77,659	77,659	77,659	77,659	88,659	88,659	88,659
31	LESS: ACC. NET DEPR	43,525	44,740	45,955	20,358	21,130	22,163	23,457	24,751	26,045	27,339	28,633	30,019	31,497
32	NET INVESTMENT	29,359	28,144	26,929	25,936	25,164	55,496	54,202	52,908	51,614	50,320	58,026	58,640	57,162
33	AVERAGE INVESTMENT	28,751	27,536	26,432	25,550	40,330	54,849	53,555	52,261	50,967	49,673	53,833	57,901	
34	RETURN ON AVG INVEST	189	181	174	168	265	380	352	344	334	326	353	380	3,426
35														
36	RETURN REQUIREMENTS	263	252	242	234	369	501	490	479	465	454	492	529	4,770
37														
38	PROGRAM TOTAL	\$1,478	\$1,467	\$1,235	\$1,006	\$1,402	\$1,795	\$1,784	\$1,773	\$1,759	\$1,748	\$1,878	\$2,007	\$19,332
39														
40	SUMMARY OF DEMAND & ENERGY:													
41														
42	ENERGY	\$ 3,390	\$ 4,331	\$ 4,245	\$ 4,018	\$ 4,400	\$ 4,777	\$ 4,749	\$ 4,717	\$ 4,686	\$ 4,656	\$ 4,870	\$ 5,498	\$ 54,337
43	DEMAND	403,405	404,315	403,754	403,981	405,109	405,897	408,643	414,438	420,945	425,002	428,860	434,962	4,959,311
44	TOTAL DEPRECIATION AND RETURN	\$ 406,795	\$ 408,646	\$ 407,999	\$ 407,999	\$ 409,509	\$ 410,674	\$ 413,392	\$ 419,155	\$ 425,631	\$ 429,658	\$ 433,730	\$ 440,460	\$ 5,013,648

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

LINE NO.	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL FOR THE PERIOD
1A BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
1C HOME ENERGY CHECK	0	0	0	0	0	0	0	0	0	0	0	0	0
1D SUBTOTAL - FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CONSERVATION CLAUSE REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
2A CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
4 PRIOR PERIOD TRUE-UP OVER/(UNDER)	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	8,180,852	7,184,500	7,406,863	6,553,684	7,468,470	8,906,048	9,268,374	9,260,842	9,119,061	8,061,062	6,920,432	6,696,213	95,026,402
6 CONSERVATION EXPENSES (C-3,PAGE 3, LINE 38)	6,773,155	7,161,454	8,186,942	6,369,337	6,653,300	7,292,223	6,151,335	8,807,347	8,813,823	8,817,850	8,821,922	8,828,652	92,677,341
7 TRUE-UP THIS PERIOD (O)/U	(1,407,697)	(23,046)	780,078	(184,347)	(815,170)	(1,613,826)	(3,117,039)	(453,495)	(305,238)	756,788	1,901,490	2,132,439	(2,349,061)
8 CURRENT PERIOD INTEREST	(257)	(534)	(453)	(390)	(585)	(1,011)	(1,502)	(1,714)	(1,785)	(1,874)	(1,327)	(818)	(12,030)
9 ADJUSTMENTS PER AUDIT \RDC Order	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD	(1,951,910)	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,918)	(2,791,014)	(4,243,192)	(7,199,073)	(7,491,623)	(7,635,968)	(6,718,195)	(4,655,371)	(1,951,910)
10 A CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PRIOR TRUE-UP (REFUNDED)/ COLLECTED	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
12 END OF PERIOD NET TRUE-UP	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,918)	(2,791,014)	(4,243,192)	(7,199,073)	(7,491,623)	(7,635,968)	(6,718,195)	(4,655,371)	(2,361,090)	(2,361,090)

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

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

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

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

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

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check program is a comprehensive residential energy evaluation (audit) program. The program provides Progress Energy Florida, Inc.'s (Progress Energy) residential customers with an analysis of energy consumption and recommendations on energy efficiency improvements. It acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures. Home Energy Check serves as the foundation of the residential Home Energy Improvement Program and it is a program requirement for participation. There are six types of energy audits: the free walk-through, the more comprehensive paid walk-through (\$15 charge), the energy rating (Energy Gauge), the mail-in audit, a web-based audit and a phone assisted audit.

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

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

Program Progress Summary: As of July 31, 2010 there have been 37,966 customers that have participated in this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this rate. The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Home Energy Improvement

Program Description: Home Energy Improvement is an umbrella program for residential customers with existing homes. This program combines thermal envelope efficiency improvements with upgraded equipment and appliances. The Home Energy Improvement program includes incentives for measures such as: duct testing, duct leakage repair, attic insulation, injected wall insulation, replacement windows, window film, reflective roofing, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, high efficiency A/C replacing A/C with non-electric heat, HVAC commissioning, plenum sealing, proper sizing and supplemental bonuses.

Program Projections for January 2011 through December 2011: It is estimated that 48,965 completions will be performed in this program during the projection period.

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

Program Progress Summary: As of July 31, 2010 there have been 34,973 measure installations that have taken place as a result of this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this subscription rate. This program will continue to be offered to residential customers to provide opportunities for improving the energy efficiency of existing homes.

Program Description and Progress

Program Title: Residential New Construction (Home Advantage)

Program Description: The Home Advantage Program promotes energy-efficient construction, which exceeds the Florida Energy Code. Information, education, and consultation are provided to homebuilders, contractors, realtors and home buyers on energy-related issues and efficiency measures. This program is designed to encourage single family, multi-family, and manufactured home builders to build more energy efficiently by encouraging a whole house performance view including the installation of climate effective windows, reflective roof materials, upgraded insulation, conditioned space air handler placement, energy recovery ventilation, highly efficient HVAC equipment and quality installation. Incentives are awarded to the builder based on the level of efficiency they choose.

Program Projections for January 2011 through December 2011: It is estimated that 11,270 homes representing 200 builders will participate in this program during the projection period.

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

Program Progress Summary: As of July 31, 2010 there have been 6,574 measure installations that have taken place as a result of this program. This program is tied to the building industry. Economic forces will dictate the number of homes built during this period.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

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

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

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

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

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The program goal is to integrate Progress Energy's DSM program measures with the Department of Community Affairs (DCA) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership, Progress Energy will assist local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

Program Projections for January 2011 through December 2011: It is estimated that 1,500 measures provided by 9 agencies will be installed during 2011.

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

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

Program Description and Progress

Program Title: Energy Management (Residential & Commercial)

Program Description: The Energy Management program is a voluntary program that incorporates direct radio control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Customers have a choice of options and receive a credit on their monthly electric bills, depending on the options selected and their monthly kWh usage. The commercial program was closed to new participants as of May 12, 2000.

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

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

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

Program Description and Progress

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

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

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

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

Program Description and Progress

Program Title: Renewable Energy Saver Program

Program Description: This program consists of two areas that are designed to encourage the installation of renewable energy systems.

Solar Water Heater with EnergyWise: This measure encourages residential customers to install a solar thermal water heating system. The customer must have whole house electric cooling, electric water heating, and electric heating to be eligible for this program. Pool heaters and photovoltaic systems do not qualify. In order to qualify for this incentive, the heating, air conditioning, and water heating systems must be on the Energy Management program and the solar thermal system must provide a minimum of 50% of the water heating load.

Solar Photovoltaics with EnergyWise: This measure promotes environmental stewardship and renewable energy education through the installation of solar energy systems at schools within Progress Energy service territory. Customers participating in the Winter-Only EnergyWise or Year-Round EnergyWise Program can elect to donate their monthly credit toward the Solar Photovoltaics with EnergyWise Fund. The fund will accumulate associated participant credits for a period of 2 years, at which time the customer may elect to renew for an additional 2 years. All proceeds collected from participating customers, and their associated monthly credits, will be used to promote photovoltaics and renewable energy educational opportunities.

Program Projections January 2011 through December 2011: It is estimated that 1,700 customers will participate in this program during the projection period.

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

Program Progress Summary: As of July 31, 2010 there are a total of 1,250 customers participating in the Solar Photovoltaics with EnergyWise and an additional 3,712 customers participating in the Solar Water Heater with EnergyWise program. This program is tied to the solar industry. Economic forces will dictate the number of solar systems installed during this period.

Program Description and Progress

Program Title: Business Energy Check

Program Description: The Business Energy Check is an audit for non-residential customers. Several options are available. The free audit provides a no-cost energy audit for non-residential facilities and can be completed at the facility by an auditor, or online by the business customer. The paid audit provides a more thorough energy analysis for non-residential facilities. This program acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures for their facility. It serves as the foundation of the Better Business Program and is a requirement for participation.

Program Projections for January 2011 through December 2011: It is estimated that 2,900 customers will participate in this program during the projection period.

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

Program Progress Summary: As of July 31, 2010 there have been 1,978 customers that have participated in this program. The Business Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Better Business

Program Description: This umbrella efficiency program provides incentives to existing commercial and industrial customers for heating, air conditioning, motors, roof insulation upgrade, duct leakage and repair, window film, demand-control ventilation, lighting, occupancy sensors, green roof, cool roof coating, high efficiency energy recovery ventilation, compressed air, and HVAC optimization.

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

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

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

Program Description and Progress

Program Title: Commercial/Industrial New Construction

Program Description: This program is the umbrella efficiency program for new Commercial and Industrial facilities. This program provides information, education, and advice on energy-related issues and efficiency measures by involvement early in the building's design process. With the exception of ceiling insulation upgrade, duct test and leakage repair, HVAC steam cleaning and roof top HVAC unit recommissioning, the Commercial and Industrial New Construction program provides incentives for the same efficiency measures listed in the Better Business program for existing buildings.

Program Projections for January 2011 through December 2011: It is estimated that 185 measure participants will participate during the projection period.

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

Program Progress Summary As of July 31, 2010 there have been 163 measure participants that have taken place as a result of this program. This program is tied to the building industry. Participation in this program is expected to decline due to economic pressures and external environment. Economic forces will dictate the number of commercial facilities built during this period.

Program Description and Progress

Program Title: Innovation Incentive

Program Description: Significant conservation efforts that are not supported by other Progress Energy programs can be encouraged through Innovation Incentive. Major equipment replacement or other actions that substantially reduce Progress Energy peak demand requirements are evaluated to determine their impact on Progress Energy's system. Incentives are provided for customer-specific demand and energy conservation projects on a case-by-case basis, where cost-effective to all Progress Energy customers. To be eligible, projects must reduce or shift a minimum of 10 kW of peak demand. Examples include refrigeration equipment replacement, PTAC chemical cleaning, and heat pipe technology for HVAC units.

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

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

Program Progress Summary: As of July 31, 2010 there have been 0 customers that have participated in this program. This program continues to recognize specialized, customer specific energy efficiency measures not covered through the company's other DSM programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: Progress Energy provides an incentive for customers who, when notified by Progress Energy, voluntarily operate their on-site generation during times of system peak.

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

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

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

Program Description and Progress

Program Title: Interruptible Service

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

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

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

Program Progress Summary: As of July 31, 2010, this program has 149 active accounts with 77 customers participating. The original program filed as the IS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Customers who were participating in this program at the time of closure were grandfathered into the program, and any new participants are placed on the IS-2 tariff.

Program Description and Progress

Program Title: Curtailable Service

Program Description: The Curtailable Service rate is a dispatchable DSM program in which customers contract to curtail or shut down a portion of their electric load during times of capacity shortages. The curtailment is managed by the customer when notified by Progress Energy. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

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

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

Program Progress Summary: As of July 31, 2010, this program has 5 active accounts with 3 customers participating. The original program filed as the CS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Existing participants were grandfathered into the program. New participants are placed on the newer CS-2 or CS-3 tariffs.

Program Description and Progress

Program Title: Technology Development

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

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

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

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

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

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

Program Description and Progress

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

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

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

Program Description and Progress

Program Title: Qualifying Facility

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

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

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

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

Exhibit No. ____ (GRF-1PA-2)

Docket No. 100002-EG

**To the Direct Testimony of
GARY R. FREEMAN**

(filed September 17, 2010)

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG EXHIBIT 8

PARTY PROGRESS ENERGY FLORIDA, INC. (DIRECT)

DESCRIPTION GARY R. FREEMAN (GRF-1PA-2)

DATE 11/01/10

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

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

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrs*(1))	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8760hrs)	(8) Annual Average Demand Allocator (%)	(9) 12 CP Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.494	18,156,533	4,195.68	0.9342388	19,434,573	4,491.01	2,218.56	50.132%	62.283%	61.349%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.695	1,166,288	191.57	0.9342388	1,248,383	205.05	142.51	3.220%	2.844%	2.873%
Primary	0.695	4,416	0.73	0.9687000	4,559	0.75	0.52	0.012%	0.010%	0.010%
Transmission	0.695	3,699	0.61	0.9787000	3,780	0.62	0.43	0.010%	0.009%	0.009%
								3.242%	2.863%	2.892%
General Service										
GS-2 Secondary	1.000	97,312	11.11	0.9342388	104,162	11.89	11.89	0.269%	0.165%	0.173%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.785	12,131,043	1,764.10	0.9342388	12,984,948	1,888.28	1,482.30	33.495%	26.187%	26.750%
Primary	0.785	2,266,966	329.66	0.9687000	2,340,215	340.32	267.15	6.037%	4.720%	4.821%
Transmission	0.785	0	0.00	0.9787000	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.546	8	0.00	0.9687000	8	0.00	0.00	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	1.546	11,483	0.85	0.9787000	11,733	0.87	1.34	0.030%	0.012%	0.013%
Transm Del/ Primary Mtr	1.546	4,471	0.33	0.9687000	4,615	0.34	0.53	0.012%	0.005%	0.005%
								39.574%	30.924%	31.589%
Curtailable										
CS-1, CST-1, CS-2, CST-2, SS-3										
Secondary	0.935	0	0.00	0.9342388	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	0.935	171,491	20.94	0.9687000	177,032	21.61	20.21	0.457%	0.300%	0.312%
SS-3 Primary	0.451	3,536	0.90	0.9687000	3,650	0.92	0.42	0.009%	0.013%	0.013%
								0.466%	0.313%	0.324%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.983	100,117	11.63	0.9342388	107,164	12.44	12.23	0.276%	0.173%	0.181%
Sec Del/Primary Mtr	0.983	4,623	0.54	0.9687000	4,772	0.55	0.54	0.012%	0.008%	0.008%
Primary Del / Primary Mtr	0.983	1,166,627	135.48	0.9687000	1,204,322	139.86	137.48	3.107%	1.940%	2.029%
Primary Del / Transm Mtr	0.983	16,410	1.91	0.9787000	16,767	1.95	1.91	0.043%	0.027%	0.028%
Transm Del/ Transm Mtr	0.983	289,741	33.65	0.9787000	296,047	34.38	33.80	0.764%	0.477%	0.499%
Transm Del/ Primary Mtr	0.983	264,215	30.68	0.9687000	272,752	31.67	31.14	0.704%	0.439%	0.460%
SS-2 Primary	0.929	75,224	9.24	0.9687000	77,655	9.54	8.86	0.200%	0.132%	0.138%
Transm Del/ Transm Mtr	0.929	64,481	7.92	0.9787000	65,884	8.10	7.52	0.170%	0.112%	0.117%
Transm Del/ Primary Mtr	0.929	14,531	1.79	0.9687000	15,001	1.84	1.71	0.039%	0.026%	0.027%
								5.315%	3.333%	3.486%
Lighting										
LS-1 (Secondary)	5.151	363,266	8.05	0.9342388	388,836	8.62	44.39	1.003%	0.120%	0.187%
		36,376,481	6,757.34		38,766,859	7,210.62	4,425.44	100.000%	100.000%	100.000%

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

(6) Calculated: Column 3 / Column 4
(7) Calculated: Column 5 / 8,760 hours
(8) Column 5/ Total Column 5
(9) Column 6/ Total Column 6
(10) Column 8 x 1/13 + Column 9 x 12/13

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

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

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP & 1/13 AD Demand Allocator (%)	(3) Energy- Related Costs (\$)	(4) Production Demand Costs (\$)	(5) Total Energy Conservation Costs (\$)	(6) Projected Effective Sales at Meter Level (mWh)	(7) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (kW)	(9) Energy Conservation Cost Recovery (\$/kW-month)	(10) (cents/kWh)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1 Secondary	50.132%	61.349%	\$ 22,531,468	\$31,814,178	\$54,345,646	18,156,533				0.299
General Service Non-Demand										
GS-1, GST-1										
Secondary						1,166,288				0.252
Primary						4,372				0.249
Transmission						3,625				0.247
TOTAL GS	3.242%	2.892%	\$ 1,456,980	\$1,499,667	\$2,956,646	1,174,285				
General Service										
GS-2 Secondary	0.269%	0.173%	\$ 120,760	\$89,656	\$210,416	97,312				0.216
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						12,131,043			0.90	
Primary						2,248,731			0.89	
Transmission						11,253			0.88	
TOTAL GSD	39.574%	31.589%	\$ 17,786,187	\$16,381,585	\$34,167,772	14,391,027	51.82%	38,040,254		
Curtable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.94	
Primary						173,277			0.93	
Transmission						-			0.92	
TOTAL CS	0.466%	0.324%	\$ 209,474	\$168,215	\$377,689	173,277	59.38%	399,711		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						100,117			0.82	
Primary						1,509,968			0.81	
Transmission						363,219			0.80	
TOTAL IS	5.315%	3.486%	\$ 2,388,683	\$1,807,545	\$4,196,228	1,973,304	52.86%	5,113,835		
Lighting										
LS-1 Secondary	1.003%	0.187%	\$ 450,797	\$97,218	\$548,016	363,266				0.151
	100.000%	100.000%	\$44,944,349	\$51,858,064	\$96,802,413	36,329,004				0.266

Notes:

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

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

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

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

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

28					
29	<u>SUMMARY OF DEMAND & ENERGY</u>				
30		12 Months	Prior Period True-Up	Total Costs	Revenue
31		Total	Under(Over) Recovery	with True - up	Expansion
32					Factor
33	ENERGY	\$ 45,837,772	\$ (912,292)	\$ 44,925,480	1.000420
34					
35	DEMAND	53,155,496	(1,319,203)	51,836,293	1.000420
36					
37	TOTAL	<u>\$ 98,993,268</u>	<u>\$ (2,231,495)</u>	<u>\$ 96,761,773</u>	<u>\$ 96,802,413</u>

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

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

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED												
		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	TOTAL
1	BETTER BUSINESS (20015937) (E)	\$204,966	\$242,656	\$215,203	\$226,114	\$218,385	\$233,242	\$235,521	\$219,144	\$231,621	\$223,560	\$212,655	\$203,300	\$2,666,365
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	243,350	147,340	175,441	238,739	234,616	344,307	201,071	181,417	178,745	279,476	146,159	161,636	2,532,296
3	HOME ENERGY IMPROVEMENT (20015934) (E)	1,732,659	1,163,176	1,204,256	1,176,914	1,164,548	1,086,838	1,032,587	1,113,943	1,157,090	1,115,413	1,128,643	1,074,558	14,150,624
4	CAI NEW CONSTRUCTION (20015938) (E)	82,984	71,079	68,710	85,314	71,079	70,269	85,753	82,835	106,809	84,722	84,992	93,002	987,545
5	HOME ENERGY CHECK (20015932) (E)	877,099	864,378	938,446	856,139	879,188	618,476	519,754	755,424	837,553	781,055	764,288	610,618	9,302,419
6	LOW INCOME (20021329) (E)	30,249	23,749	29,999	30,524	22,849	22,499	20,299	20,249	33,499	28,299	24,949	21,049	308,209
7	SOLAR WATER HEATING WITH EM (E)	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	111,684	1,340,205
8	NEIGHBORHOOD ENERGY SAVER (20060745)(E)	52,463	71,851	138,029	132,009	131,089	134,859	79,760	132,534	134,259	129,627	63,599	49,851	1,249,927
9	BUSINESS ENERGY CHECK (20015936) (E)	247,374	257,706	255,520	302,175	250,136	273,116	246,754	244,671	257,422	502,599	256,810	253,854	3,348,136
10	CONSERVATION PROGRAM ADMIN (20015935) (E)	341,921	383,427	516,364	390,369	362,675	638,618	366,236	312,339	498,255	382,359	436,871	438,773	5,068,207
11	CONSERVATION PROGRAM ADMIN (20015935) (D)	37,769	42,383	57,157	43,156	40,082	70,744	40,480	34,493	55,153	42,276	48,334	48,548	560,577
12	QUALIFYING FACILITY (20025062) (E)	50,401	50,401	51,035	78,905	50,401	102,035	51,201	50,901	79,538	50,401	50,401	51,835	717,454
13	INNOVATION INCENTIVE (20015940) (E)	1,142	1,142	3,017	1,142	12,392	3,017	1,142	1,142	3,017	1,142	12,392	3,017	43,706
14	TECHNOLOGY DEVELOPMENT (20015939) (E)	96,784	50,729	53,396	116,705	46,717	60,387	96,765	47,208	66,804	100,155	45,197	45,367	826,215
15	STANDBY GENERATION (20021332) (D)	227,520	228,791	233,622	235,450	236,712	238,962	240,512	241,765	244,008	244,263	244,223	245,170	2,861,001
16	INTERRUPTIBLE SERVICE (20015941) (D)	1,611,785	1,606,740	1,585,724	1,692,181	1,718,721	1,570,610	1,664,463	1,619,717	1,597,308	1,616,322	1,854,884	1,616,684	19,755,142
17	CURTAINABLE SERVICE (20015942) (D)	63,331	75,194	71,357	66,328	71,160	70,927	79,069	75,873	67,097	61,400	78,676	62,864	843,275
18	RES ENERGY MANGMNT-ADMIN (20015943) (D)	2,665,267	2,540,807	1,819,612	1,503,106	1,695,986	1,873,518	1,877,789	1,839,579	1,879,114	1,685,030	1,949,894	2,062,818	23,392,522
19	LOAD MANAGEMENT SWITCHES (9080120) (D)	404,139	407,903	412,108	416,320	419,857	423,271	424,626	425,847	429,679	432,669	434,947	437,181	5,068,547
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	53,201	55,645	52,974	54,483	57,300	54,180	58,061	60,483	59,463	57,160	60,477	51,007	674,432
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (E)	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	91,389	1,096,663
22	SOLAR WATER HEAT LOW INCOME RES CUST (E)	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	12,458	149,495
23	COMMERCIAL SOLAR PHOTOVOLTAIC (E)	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	89,142	1,069,701
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (E)	31,245	35,609	39,946	44,259	48,544	52,803	57,037	61,245	65,426	69,582	73,711	77,816	657,224
25	RESEARCH AND DEMONSTRATION (E)	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	26,948	323,380
26														
27	NET PROGRAM COSTS	\$9,387,268	\$8,652,326	\$8,253,534	\$8,021,952	\$8,064,057	\$8,274,297	\$7,710,501	\$7,852,430	\$8,313,480	\$8,219,131	\$8,303,723	\$7,940,568	\$98,993,268
28														
29														
30	SUMMARY OF DEMAND & ENERGY													
31														
32	ENERGY	\$4,324,256	\$3,694,863	\$4,020,981	\$4,010,928	\$3,824,238	\$3,972,084	\$3,325,500	\$3,554,672	\$3,981,658	\$4,080,010	\$3,632,287	\$3,416,295	\$45,837,772
33														
34	DEMAND	5,063,012	4,957,464	4,232,553	4,011,024	4,239,819	4,302,213	4,385,001	4,297,758	4,331,822	4,139,121	4,671,436	4,524,273	53,155,496
35														
36	TOTAL	\$9,387,268	\$8,652,326	\$8,253,534	\$8,021,952	\$8,064,057	\$8,274,297	\$7,710,501	\$7,852,430	\$8,313,480	\$8,219,131	\$8,303,723	\$7,940,568	\$98,993,268

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

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

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION, AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
1	BETTER BUSINESS (20015937) (E)	\$6,706	\$442,321	\$15,581	\$21,738	\$166,788	\$1,980,000	\$0	\$33,231	\$0	\$2,666,365
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	0	1,086,648	3,800	10,000	160,214	1,101,588	0	170,045	0	2,532,296
3	HOME ENERGY IMPROVEMENT (20015934) (E)	20,476	1,814,144	82,742	372,796	2,520,328	9,072,640	0	267,498	0	14,150,624
4	C/I NEW CONSTRUCTION (20015938) (E)	0	215,838	15,581	21,738	89,847	610,000	0	34,541	0	987,545
5	HOME ENERGY CHECK (20015932) (E)	592	4,032,123	503,493	313,853	3,827,586	0	0	624,772	0	9,302,419
6	LOW INCOME (20021329) (E)	0	137,060	0	1,000	32,136	100,000	0	38,013	0	308,209
7	SOLAR WATER HEATING WITH EM (E)	0	102,705	0	0	0	1,237,500	0	0	0	1,340,205
8	NEIGHBORHOOD ENERGY SAVER (20060745)(E)	0	177,290	3,457	29,100	25,860	966,370	0	47,850	0	1,249,927
9	BUSINESS ENERGY CHECK (20015936) (E)	10,746	1,452,682	77,742	1,155,118	213,345	0	0	438,502	0	3,348,136
10	CONSERVATION PROGRAM ADMIN (20015935) (E)	23,036	2,541,500	35,302	725,023	535,050	0	0	1,208,296	0	5,068,207
11	CONSERVATION PROGRAM ADMIN (20015935) (D)	0	282,390	3,923	80,555	59,455	0	0	134,254	0	560,577
12	QUALIFYING FACILITY (20025062) (E)	0	631,321	4,005	50,000	0	0	0	32,128	0	717,454
13	INNOVATION INCENTIVE (20015940) (E)	0	13,706	0	6,500	0	22,500	0	1,000	0	43,706
14	TECHNOLOGY DEVELOPMENT (20015939) (E)	5,865	431,114	2,111	129,400	0	0	0	257,725	0	826,215
15	STANDBY GENERATION (20021332) (D)	57,092	181,125	1,719	12,535	0	2,575,000	0	33,530	0	2,861,001
16	INTERRUPTIBLE SERVICE (20015941) (D)	51,166	13,430	0	0	0	19,650,000	0	40,546	0	19,755,142
17	CURTAILABLE SERVICE (20015942) (D)	0	0	0	0	0	840,000	0	3,275	0	843,275
18	RES ENERGY MANGMNT-ADMIN (20015943) (D)	336,049	1,719,006	7,146	1,789,591	927,624	17,600,425	0	1,012,681	0	23,392,522
19	LOAD MANAGEMENT SWITCHES (9080120) (D)	5,068,547	0	0	0	0	0	0	0	0	5,068,547
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	0	0	0	32,188	0	640,000	0	2,244	0	674,432
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (E)	0	57,998	9,666	11,600	0	1,000,000	0	17,399	0	1,096,663
22	SOLAR WATER HEAT LOW INCOME RES CUST (E)	0	27,793	71	2,733	0	114,000	0	4,898	0	149,495
23	COMMERCIAL SOLAR PHOTOVOLTAIC (E)	0	55,321	9,220	11,064	0	977,500	0	16,596	0	1,069,701
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (E)	348,463	185,257	30,876	37,051	0	0	0	55,577	0	657,224
25	RESEARCH AND DEMONSTRATION (E)	0	0	0	323,380	0	0	0	0	0	323,380
26											
27											
28	NET PROGRAM COSTS	\$5,928,738	\$15,600,772	\$806,437	\$5,136,963	\$8,558,234	\$58,487,524	\$0	\$4,474,600	\$0	\$98,993,268
29											
30											
31	SUMMARY OF DEMAND & ENERGY										
32											
33	ENERGY	\$415,884	\$13,404,821	\$793,649	\$3,222,094	\$7,571,155	\$17,182,099	\$0	\$3,248,070	\$0	\$45,837,772
34											
35	DEMAND	5,512,854	2,195,952	12,788	1,914,869	987,078	41,305,425	0	1,228,529	0	53,155,496
36											
37	TOTAL	\$5,928,738	\$15,600,772	\$806,437	\$5,136,963	\$8,558,234	\$58,487,524	\$0	\$4,474,600	\$0	\$98,993,268

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

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

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

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

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

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

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

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

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

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

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

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

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

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

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

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

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

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

DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
GARY R FREEMAN
EXHIBIT NO. _____ (GRF-1PA-2)
SCHEDULE C - 3
PAGE 4 OF 10

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

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

DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
GARY R FREEMAN
EXHIBIT NO. _____ (GRF-1PA-2)
SCHEDULE C-3
PAGE 5 of 10

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	BETTER BUSINESS (20015937) (E)													
2	INVESTMENTS	\$24,059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,059
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	12,029	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	
5														
6	DEPRECIATION EXPENSE	0	401	401	401	401	401	401	401	401	401	401	401	4,411
7														
8	CUMM. NET INVEST	0	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059	24,059
9	LESS: ACC. NET DEPR	0	0	401	802	1,203	1,604	2,005	2,406	2,807	3,208	3,609	4,010	4,411
10	NET INVESTMENT	0	24,059	23,658	23,257	22,856	22,455	22,054	21,653	21,252	20,851	20,450	20,049	19,648
11	AVERAGE INVESTMENT		12,029	23,858	23,457	23,056	22,655	22,254	21,853	21,452	21,051	20,650	20,249	19,848
12	RETURN ON AVG INVEST		79	157	154	152	149	146	144	141	138	136	133	1,660
13														
14	RETURN REQUIREMENTS		110	219	214	212	207	203	201	196	192	189	185	2,310
15														
16	PROGRAM TOTAL		\$110	\$620	\$615	\$613	\$608	\$604	\$602	\$597	\$593	\$590	\$586	\$6,721
17														
18	HOME ENERGY IMPROVEMENT (20015934) (E)													
19	INVESTMENTS	\$28,783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,783
20	RETIREMENTS	7,578	0	0	0	0	0	0	0	0	0	0	0	7,578
21	DEPRECIATION BASE	68,271	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	
22														
23	DEPRECIATION EXPENSE		1,138	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	15,603
24														
25	CUMM. NET INVEST	57,669	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874	78,874
26	LESS: ACC. NET DEPR	20,200	13,759	15,074	16,389	17,704	19,019	20,334	21,649	22,964	24,279	25,594	26,909	28,224
27	NET INVESTMENT	37,470	65,115	63,800	62,485	61,170	59,855	58,540	57,225	55,910	54,595	53,280	51,965	50,650
28	AVERAGE INVESTMENT		51,292	64,457	63,142	61,827	60,512	59,197	57,882	56,567	55,252	53,937	52,622	51,307
29	RETURN ON AVG INVEST		337	424	414	406	398	389	380	371	363	355	345	4,519
30														
31	RETURN REQUIREMENTS		470	590	577	566	554	542	529	517	506	494	481	6,296
32														
33	PROGRAM TOTAL		\$1,608	\$1,905	\$1,892	\$1,881	\$1,869	\$1,857	\$1,844	\$1,832	\$1,821	\$1,809	\$1,796	\$21,899
34														
35	HOME ENERGY CHECK (20015932) (E)													
36	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	
39														
40	DEPRECIATION EXPENSE		43	43	43	43	43	43	43	43	43	43	43	516
41														
42	CUMM. NET INVEST	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560
43	LESS: ACC. NET DEPR	1,088	1,131	1,174	1,217	1,260	1,303	1,346	1,389	1,432	1,475	1,518	1,561	1,604
44	NET INVESTMENT	1,472	1,429	1,386	1,343	1,300	1,257	1,214	1,171	1,128	1,085	1,042	999	956
45	AVERAGE INVESTMENT		1,451	1,408	1,365	1,322	1,279	1,236	1,193	1,150	1,107	1,064	1,021	978
46	RETURN ON AVG INVEST		10	9	9	8	8	8	8	8	8	7	7	96
47														
48	RETURN REQUIREMENTS		14	13	13	11	11	11	11	11	11	10	10	135
49														
50	PROGRAM TOTAL		\$57	\$56	\$56	\$54	\$54	\$54	\$54	\$54	\$53	\$53	\$52	\$651

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
GARY R FREEMAN
EXHIBIT NO. _____ (GRF-1PA-2)
SCHEDULE C-3
PAGE 6 OF 10

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	BUSINESS ENERGY CHECK (20015936) (E)													
2	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,000	\$0	\$23,000
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0	11,500	23,000	
5														
6	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	383	383
7														
8	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	23,000	23,000	23,000
9	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	383	383
10	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	23,000	22,617	22,617
11	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0	11,500	22,809	
12	RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0	75	150	225
13														
14	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0	105	209	314
15														
16	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$592	\$697
17														
18	TECHNOLOGY DEVELOPMENT (20015939) (E)													
19	INVESTMENTS	\$0	\$11,311	\$1,630	\$0	\$305	\$0	\$0	\$0	\$0	\$0	\$0	\$2,356	\$15,603
20	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE	6,224	11,879	18,350	19,166	19,318	19,471	19,471	19,471	19,471	19,471	19,471	20,649	
22														
23	DEPRECIATION EXPENSE	104	198	306	319	322	325	325	325	325	325	325	344	3,543
24														
25	CUMM. NET INVEST	6,224	17,535	19,166	19,166	19,471	19,471	19,471	19,471	19,471	19,471	19,471	21,827	21,827
26	LESS: ACC. NET DEPR	2,496	2,600	3,104	3,423	3,745	4,070	4,395	4,720	5,045	5,370	5,695	6,039	6,039
27	NET INVESTMENT	3,728	14,935	16,062	15,743	15,726	15,401	15,076	14,751	14,426	14,101	13,776	15,788	15,788
28	AVERAGE INVESTMENT	3,676	9,180	15,399	15,902	15,734	15,563	15,238	14,913	14,588	14,263	13,938	14,782	
29	RETURN ON AVG INVEST	24	61	101	104	104	102	100	98	96	94	91	97	1,072
30														
31	RETURN REQUIREMENTS	33	85	141	145	145	142	140	136	134	131	127	135	1,494
32														
33	PROGRAM TOTAL	\$137	\$283	\$447	\$464	\$467	\$467	\$465	\$461	\$459	\$456	\$452	\$479	\$5,037
34														
35	STANDBY GENERATION (20021332) (D)													
36	INVESTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	
39														
40	DEPRECIATION EXPENSE	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	23,544
41														
42	CUMM. NET INVEST	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723	117,723
43	LESS: ACC. NET DEPR	5,629	7,591	9,553	11,515	13,477	15,439	17,401	19,363	21,325	23,287	25,249	27,211	29,173
44	NET INVESTMENT	112,094	110,132	108,170	106,208	104,246	102,284	100,322	98,360	96,398	94,436	92,474	90,512	88,550
45	AVERAGE INVESTMENT	111,113	109,151	107,189	105,227	103,265	101,303	99,341	97,379	95,417	93,455	91,493	89,531	
46	RETURN ON AVG INVEST	729	717	704	691	678	665	652	640	627	614	601	588	7,906
47														
48	RETURN REQUIREMENTS	1,015	998	980	962	944	926	908	891	873	855	837	819	11,008
49														
50	PROGRAM TOTAL	\$2,977	\$2,960	\$2,942	\$2,924	\$2,906	\$2,888	\$2,870	\$2,853	\$2,835	\$2,817	\$2,799	\$2,781	\$34,552

NOTES:
- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

DOCKET NO. 100002-EG
PROGRESS ENERGY FLORIDA
GARY R FREEMAN
EXHIBIT NO. _____ (GRF-1PA-2)
SCHEDULE C-3
PAGE 7 OF 10

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	INTERRUPTIBLE SERVICE (20015941) (D)													
2	INVESTMENTS	\$0	\$0	(\$6,097)	\$0	\$0	\$0	\$0	\$15,400	\$15,400	\$15,400	\$15,400	\$15,400	\$70,903
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	80,692	80,692	77,644	74,596	74,596	74,596	74,596	82,296	97,696	113,096	128,496	143,896	
5	DEPRECIATION EXPENSE	1,345	1,345	1,294	1,243	1,243	1,243	1,243	1,372	1,628	1,885	2,142	2,398	18,381
6	CUMM. NET INVEST	80,692	80,692	74,596	74,596	74,596	74,596	74,596	89,996	105,396	120,796	136,196	151,596	151,596
7	LESS: ACC. NET DEPR	9,466	10,811	12,156	13,450	14,693	15,936	17,179	18,422	19,794	21,422	23,307	25,449	27,847
8	NET INVESTMENT	71,226	69,881	62,440	61,146	59,903	58,660	57,417	71,574	85,602	99,374	112,889	126,147	123,749
9	AVERAGE INVESTMENT	70,554	69,209	64,841	60,524	59,281	58,038	56,795	63,188	77,088	90,731	104,118	117,248	
10	RETURN ON AVG INVEST	464	454	426	398	389	381	373	414	507	596	684	771	5,857
11	RETURN REQUIREMENTS	646	632	593	554	542	530	519	577	706	830	953	1,074	8,156
12	PROGRAM TOTAL	\$1,991	\$1,977	\$1,887	\$1,797	\$1,785	\$1,773	\$1,762	\$1,949	\$2,334	\$2,715	\$3,095	\$3,472	\$26,537
13	RESIDENTIAL ENERGY MANAGEMENT (20015943) (D)													
14	INVESTMENTS	\$33,316	\$34,571	\$0	\$0	\$0	\$0	\$0	\$46,043	\$46,043	\$46,043	\$46,043	\$46,043	\$298,100
15	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
16	DEPRECIATION BASE	1,032,571	1,066,515	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,106,822	1,152,864	1,198,907	1,244,949	1,290,992	
17	DEPRECIATION EXPENSE	17,210	17,775	18,063	18,063	18,063	18,063	18,063	18,447	19,214	19,982	20,749	21,517	225,209
18	CUMM. NET INVEST	1,015,913	1,049,229	1,083,800	1,083,800	1,083,800	1,083,800	1,083,800	1,129,843	1,175,885	1,221,928	1,267,971	1,314,013	1,314,013
19	LESS: ACC. NET DEPR	290,069	307,279	325,054	343,117	361,180	379,243	397,306	415,369	433,816	453,030	473,012	493,761	515,278
20	NET INVESTMENT	725,844	741,950	758,746	740,683	722,620	704,557	686,494	714,474	742,069	768,918	794,959	820,252	798,735
21	AVERAGE INVESTMENT	733,897	750,348	749,715	731,652	713,589	695,526	677,463	708,441	735,886	761,563	786,472	811,924	
22	RETURN ON AVG INVEST	4,820	4,927	4,924	4,805	4,686	4,568	4,449	4,481	4,659	4,833	5,002	5,165	57,319
23	RETURN REQUIREMENTS	6,713	6,862	6,858	6,692	6,526	6,362	6,196	6,241	6,488	6,731	6,966	7,193	79,828
24	PROGRAM TOTAL	\$23,923	\$24,637	\$24,921	\$24,755	\$24,589	\$24,425	\$24,259	\$24,688	\$25,702	\$26,713	\$27,715	\$28,710	\$305,037
25	COMMERCIAL SOLAR FOR SCHOOLS (E)													
26	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000	\$0	\$130,000
27	RETIREMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
28	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0	65,000	130,000	
29	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0	1,083	2,167	3,250
30	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	130,000	130,000	130,000
31	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	1,083	3,250	3,250
32	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	128,917	126,750	126,750
33	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0	64,459	127,834	
34	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0	424	840	1,264
35	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0	431	855	1,286
36	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,514	\$3,022	\$4,536

NOTES:
- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

LINE NO.	BEGINNING BALANCE	JAN 10	FEB 10	MAR 10	APR 10	MAY 10	JUN 10	JUL 10	AUG 10	SEP 10	OCT 10	NOV 10	DEC 10	TOTAL
1	ENERGY CONSERVATION ADMIN (20015935) (E)													
2	INVESTMENTS	\$0	\$0	\$0	\$0	\$31,365	\$0	\$0	\$0	\$0	\$0	\$11,000	\$0	\$42,365
3	RETIREMENTS	0	0	26,590	0	0	0	0	0	0	0	0	0	26,590
4	DEPRECIATION BASE	72,884	72,884	59,588	46,293	61,976	77,659	77,659	77,659	77,659	77,659	83,159	88,659	
5	DEPRECIATION EXPENSE	1,215	1,215	993	772	1,033	1,294	1,294	1,294	1,294	1,294	1,386	1,478	14,562
6	CUMM. NET INVEST	72,884	72,884	72,884	46,293	46,293	77,659	77,659	77,659	77,659	77,659	88,659	88,659	88,659
7	LESS: ACC. NET DEPR	43,525	44,740	45,955	20,358	21,130	22,163	23,457	24,751	26,045	27,339	28,633	30,019	31,497
8	NET INVESTMENT	29,359	28,144	26,929	25,936	25,164	55,496	54,202	52,908	51,614	50,320	49,026	58,640	57,162
9	AVERAGE INVESTMENT	28,751	27,536	26,432	25,550	40,330	54,849	53,555	52,261	50,967	49,673	53,833	57,901	57,901
10	RETURN ON AVG INVEST	189	181	174	168	265	380	352	344	334	326	353	380	3,426
11	RETURN REQUIREMENTS	263	252	242	234	369	501	490	479	465	454	492	529	4,770
12	PROGRAM TOTAL	\$1,478	\$1,467	\$1,235	\$1,006	\$1,402	\$1,795	\$1,784	\$1,773	\$1,759	\$1,748	\$1,878	\$2,007	\$19,332
13	LOAD MANAGEMENT SWITCHES (9080120) (D)													
14	EXPENDITURES BOOKED DIRECTLY TO PLANT	\$65,340	\$82,143	\$120,805	\$176,597	\$153,708	\$121,741	\$216,004	\$273,732	\$273,732	\$273,732	\$273,732	\$273,732	\$2,305,000
15	RETIREMENTS	(143,655)	41,908	56,128	44,078	26,607	21,841	21,033	14,617	20,203	304,379	54,728	45,139	507,005
16	INVESTMENTS BOOKED TO CWP	-	-	-	9,985	37,336	54,089	283,588	111,518	111,518	111,518	137,038	137,038	993,629
17	CLOSINGS TO PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-
18	AMORTIZATION BASE	16,498,862	16,623,477	16,675,933	16,774,531	16,904,342	17,017,843	17,165,278	17,392,321	17,648,643	17,760,085	17,854,264	18,078,063	
19	AMORTIZATION EXPENSE	274,982	277,059	277,933	279,576	281,740	283,631	286,089	289,873	294,145	296,002	297,572	301,302	3,439,904
20	CUMULATIVE PLANT INVEST.	16,394,365	16,603,359	16,643,594	16,708,272	16,840,791	16,967,893	17,067,793	17,262,763	17,521,879	17,775,408	17,744,761	17,963,766	18,192,359
21	LESS: ACC. AMORT.	5,407,590	5,826,227	6,061,379	6,283,184	6,518,682	6,773,816	7,035,605	7,300,661	7,575,917	7,849,859	7,841,482	8,084,326	8,340,489
22	NET PLANT INVESTMENT	10,986,774	10,777,132	10,582,216	10,425,088	10,322,109	10,194,077	10,032,188	9,962,102	9,945,962	9,925,549	9,903,279	9,879,440	9,851,870
23	CUMULATIVE CWP INVEST.	-	-	-	9,985	47,321	101,411	384,999	496,517	608,035	719,553	856,591	993,629	993,629
24	NET CWP INVESTMENT	-	-	-	9,985	47,321	101,411	384,999	496,517	608,035	719,553	856,591	993,629	993,629
25	AVERAGE INVESTMENT	10,881,953	10,679,674	10,503,652	10,378,591	10,286,746	10,187,499	10,240,350	10,394,790	10,488,031	10,578,208	10,679,432	10,790,765	10,790,765
26	RETURN ON AVG. INVEST.	71,467	70,139	68,982	68,162	67,559	66,906	67,253	68,267	68,880	69,473	70,137	70,868	828,093
27	RETURN REQUIREMENTS	99,532	97,682	96,071	94,929	94,089	93,180	93,663	95,075	95,929	96,755	97,679	98,697	1,153,281
28	PROGRAM TOTAL	\$374,514	\$374,741	\$374,004	\$374,505	\$375,829	\$376,811	\$379,752	\$384,948	\$390,074	\$392,757	\$395,251	\$399,999	\$4,593,185
29	SUMMARY OF DEMAND & ENERGY:													
30	ENERGY	\$ 3,390	\$ 4,331	\$ 4,245	\$ 4,018	\$ 4,400	\$ 4,777	\$ 4,749	\$ 4,717	\$ 4,686	\$ 4,656	\$ 6,384	\$ 8,520	\$ 58,873
31	DEMAND	403,405	404,315	403,754	403,981	405,109	405,897	408,643	414,438	420,945	425,002	428,860	434,962	4,959,311
32	TOTAL DEPRECIATION AND RETURN	\$ 406,795	\$ 408,646	\$ 407,999	\$ 407,999	\$ 409,509	\$ 410,674	\$ 413,392	\$ 419,155	\$ 425,631	\$ 429,658	\$ 435,244	\$ 443,482	\$ 5,018,184

NOTES:

- DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 OR 20% ANNUALLY
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.88% PER ORDER PSC-10-0131-FOF-EI PAGE 95.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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

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

LINE NO.	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL FOR THE PERIOD
1A BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
1C HOME ENERGY CHECK	0	0	0	0	0	0	0	0	0	0	0	0	0
1D SUBTOTAL - FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CONSERVATION CLAUSE REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
2A CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	8,018,193	7,021,841	7,244,204	6,391,025	7,305,811	8,743,389	9,105,715	9,098,183	8,956,402	7,898,403	6,757,772	6,533,553	93,074,492
4 PRIOR PERIOD TRUE-UP OVER/(UNDER)	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	8,180,852	7,184,500	7,406,863	6,553,684	7,468,470	8,906,048	9,268,374	9,260,842	9,119,061	8,061,062	6,920,432	6,696,213	95,026,402
6 CONSERVATION EXPENSES (C-3,PAGE 4, LINE 37)	6,773,155	7,161,454	8,186,942	6,369,339	6,653,300	7,292,222	6,151,334	8,807,347	8,845,073	8,849,100	8,854,686	8,862,924	92,806,877
7 TRUE-UP THIS PERIOD (O)/U	(1,407,697)	(23,046)	780,078	(184,345)	(815,170)	(1,613,827)	(3,117,040)	(453,495)	(273,968)	788,038	1,934,254	2,166,711	(2,219,525)
8 CURRENT PERIOD INTEREST	(257)	(534)	(453)	(390)	(585)	(1,011)	(1,502)	(1,714)	(1,761)	(1,664)	(1,308)	(782)	(11,971)
9 ADJUSTMENTS PER AUDIT \ RDC Order	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD	(1,951,910)	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,916)	(2,791,012)	(4,243,191)	(7,199,073)	(7,491,623)	(7,604,714)	(6,655,681)	(4,560,074)	(1,951,910)
10 A CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PRIOR TRUE-UP (REFUNDED)/ COLLECTED	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,659	162,660	162,660	1,951,910
12 END OF PERIOD NET TRUE-UP	(3,197,205)	(3,058,126)	(2,115,840)	(2,137,916)	(2,791,012)	(4,243,191)	(7,199,073)	(7,491,623)	(7,604,714)	(6,655,681)	(4,560,074)	(2,231,495)	(2,231,495)

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

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

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

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

MONTH	JURISDICTIONAL MWH SALES	CLAUSE REVENUE NET OF REVENUE TAXES
JANUARY	2,789,019	\$7,269,379
FEBRUARY	2,593,156	\$6,977,340
MARCH	2,526,179	\$6,832,601
APRIL	2,634,860	\$7,025,915
MAY	2,811,728	\$7,786,993
JUNE	3,387,889	\$9,003,100
JULY	3,595,865	\$9,585,309
AUGUST	3,663,361	\$9,826,013
SEPTEMBER	3,683,342	\$9,682,946
OCTOBER	3,271,718	\$8,503,042
NOVEMBER	2,783,934	\$7,236,038
DECEMBER	2,635,430	\$6,921,635
TOTAL	36,376,481	\$96,650,311

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check program is a comprehensive residential energy evaluation (audit) program. The program provides Progress Energy Florida, Inc.'s (Progress Energy) residential customers with an analysis of energy consumption and recommendations on energy efficiency improvements. It acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures. Home Energy Check serves as the foundation of the residential Home Energy Improvement Program and it is a program requirement for participation. There are six types of energy audits: the free walk-through, the more comprehensive paid walk-through (\$15 charge), the energy rating (Energy Gauge), the mail-in audit, a web-based audit and a phone assisted audit.

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

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

Program Progress Summary: As of July 31, 2010 there have been 37,966 customers that have participated in this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this rate. The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Home Energy Improvement

Program Description: Home Energy Improvement is an umbrella program for residential customers with existing homes. This program combines thermal envelope efficiency improvements with upgraded equipment and appliances. The Home Energy Improvement program includes incentives for measures such as: duct testing, duct leakage repair, attic insulation, injected wall insulation, replacement windows, window film, reflective roofing, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, high efficiency A/C replacing A/C with non-electric heat, HVAC commissioning, plenum sealing, proper sizing and supplemental bonuses.

Program Projections for January 2011 through December 2011: It is estimated that 48,965 completions will be performed in this program during the projection period.

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

Program Progress Summary: As of July 31, 2010 there have been 34,973 measure installations that have taken place as a result of this program. Participation in this program was influenced by tax credits, rising energy costs, and vendor incentives and is not projected to continue at this subscription rate. This program will continue to be offered to residential customers to provide opportunities for improving the energy efficiency of existing homes.

Program Description and Progress

Program Title: Residential New Construction (Home Advantage)

Program Description: The Home Advantage Program promotes energy-efficient construction, which exceeds the Florida Energy Code. Information, education, and consultation are provided to homebuilders, contractors, realtors and home buyers on energy-related issues and efficiency measures. This program is designed to encourage single family, multi-family, and manufactured home builders to build more energy efficiently by encouraging a whole house performance view including the installation of climate effective windows, reflective roof materials, upgraded insulation, conditioned space air handler placement, energy recovery ventilation, highly efficient HVAC equipment and quality installation. Incentives are awarded to the builder based on the level of efficiency they choose.

Program Projections for January 2011 through December 2011: It is estimated that 11,270 homes representing 200 builders will participate in this program during the projection period.

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

Program Progress Summary: As of July 31, 2010 there have been 6,574 measure installations that have taken place as a result of this program. This program is tied to the building industry. Economic forces will dictate the number of homes built during this period.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

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

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

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

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

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The program goal is to integrate Progress Energy's DSM program measures with the Department of Community Affairs (DCA) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership, Progress Energy will assist local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

Program Projections for January 2011 through December 2011: It is estimated that 1,500 measures provided by 9 agencies will be installed during 2011.

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

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

Program Description and Progress

Program Title: Energy Management (Residential & Commercial)

Program Description: The Energy Management program is a voluntary program that incorporates direct radio control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Customers have a choice of options and receive a credit on their monthly electric bills, depending on the options selected and their monthly kWh usage. The commercial program was closed to new participants as of May 12, 2000.

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

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

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

Program Description and Progress

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

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

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

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

Program Description and Progress

Program Title: Business Energy Check

Program Description: The Business Energy Check is an audit for non-residential customers. Several options are available. The free audit provides a no-cost energy audit for non-residential facilities and can be completed at the facility by an auditor, or online by the business customer. The paid audit provides a more thorough energy analysis for non-residential facilities. This program acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures for their facility. It serves as the foundation of the Better Business Program and is a requirement for participation.

Program Projections for January 2011 through December 2011: It is estimated that 2,900 customers will participate in this program during the projection period.

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

Program Progress Summary: As of July 31, 2010 there have been 1,978 customers that have participated in this program. The Business Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Better Business

Program Description: This umbrella efficiency program provides incentives to existing commercial and industrial customers for heating, air conditioning, motors, roof insulation upgrade, duct leakage and repair, window film, demand-control ventilation, lighting, occupancy sensors, green roof, cool roof coating, high efficiency energy recovery ventilation, compressed air, and HVAC optimization.

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

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

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

Program Description and Progress

Program Title: Commercial/Industrial New Construction

Program Description: This program is the umbrella efficiency program for new Commercial and Industrial facilities. This program provides information, education, and advice on energy-related issues and efficiency measures by involvement early in the building's design process. With the exception of ceiling insulation upgrade, duct test and leakage repair, HVAC steam cleaning and roof top HVAC unit recommissioning, the Commercial and Industrial New Construction program provides incentives for the same efficiency measures listed in the Better Business program for existing buildings.

Program Projections for January 2011 through December 2011: It is estimated that 185 measure participants will participate during the projection period.

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

Program Progress Summary As of July 31, 2010 there have been 163 measure participants that have taken place as a result of this program. . This program is tied to the building industry. Participation in this program is expected to decline due to economic pressures and external environment. Economic forces will dictate the number of commercial facilities built during this period.

Program Description and Progress

Program Title: Innovation Incentive

Program Description: Significant conservation efforts that are not supported by other Progress Energy programs can be encouraged through Innovation Incentive. Major equipment replacement or other actions that substantially reduce Progress Energy peak demand requirements are evaluated to determine their impact on Progress Energy's system. Incentives are provided for customer-specific demand and energy conservation projects on a case-by-case basis, where cost-effective to all Progress Energy customers. To be eligible, projects must reduce or shift a minimum of 10 kW of peak demand. Examples include refrigeration equipment replacement, PTAC chemical cleaning, and heat pipe technology for HVAC units.

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

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

Program Progress Summary: As of July 31, 2010 there have been 0 customers that have participated in this program. This program continues to recognize specialized, customer specific energy efficiency measures not covered through the company's other DSM programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: Progress Energy provides an incentive for customers who, when notified by Progress Energy, voluntarily operate their on-site generation during times of system peak.

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

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

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

Program Description and Progress

Program Title: Interruptible Service

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

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

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

Program Progress Summary: As of July 31, 2010, this program has 149 active accounts with 77 customers participating. The original program filed as the IS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Customers who were participating in this program at the time of closure were grandfathered into the program, and any new participants are placed on the IS-2 tariff.

Program Description and Progress

Program Title: Curtailable Service

Program Description: The Curtailable Service rate is a dispatchable DSM program in which customers contract to curtail or shut down a portion of their electric load during times of capacity shortages. The curtailment is managed by the customer when notified by Progress Energy. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

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

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

Program Progress Summary: As of July 31, 2010, this program has 5 active accounts with 3 customers participating. The original program filed as the CS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Existing participants were grandfathered into the program. New participants are placed on the newer CS-2 or CS-3 tariffs.

Program Description and Progress

Program Title: Solar Water Heating For Low Income Residential Customers

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

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

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

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

Program Description and Progress

Program Title: Solar Water Heating With Energy Management

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

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

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

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

Program Description and Progress

Program Title: Residential Solar Photovoltaic

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

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

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

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

Program Description and Progress

Program Title: Commercial Solar Photovoltaic

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

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

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

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

Program Description and Progress

Program Title: Photovoltaic for Schools

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

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

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

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

Program Description and Progress

Program Title: Research and Demonstration

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

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

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

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

Program Description and Progress

Program Title: Technology Development

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

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

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

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

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

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

Program Description and Progress

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

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

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

Program Description and Progress

Program Title: Qualifying Facility

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

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

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

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

TAMPA ELECTRIC COMPANY
SCHEDULES SUPPORTING CONSERVATION
COST RECOVERY FACTOR
ACTUAL
January 2009 - December 2009

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET No. 100002-EG **EXHIBIT** 9

PARTY TAMPA ELECTRIC COMPANY (DIRECT)

DESCRIPTION HOWARD T. BRYANT (HTB-1)

DATE 11/01/10

CONSERVATION COST RECOVERY

INDEX

SCHEDULE	TITLE	PAGE
CT-1	Adjusted Net True-up	2
CT-2	Program Costs - Actual vs. Projected	3
CT-3	Summary of Expenses and Calculation of True-up and Interest Provision	7
CT-4	Schedule of Capital Investments, Depreciation and Return	10
CT-5	Reconciliation and Explanation of Difference between Filing and FPSC Audit	13
CT-6	Program Description & Progress	14

CT-1
Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation
Adjusted Net True-up
For Months January 2009 through December 2009

End of Period True-up

Principal	(\$1,432,855)
Interest	(\$1,169)
Total	(\$1,434,024)

Less: Projected True-up

(Last Projected Conservation Hearing)

Principal	(\$1,627,646)
Interest	(\$2,500)
Total	(\$1,630,146)

Adjusted Net True-up	\$196,122
----------------------	-----------

CT-2
 Page 1 of 4

TAMPA ELECTRIC COMPANY
Analysis of Energy Conservation Program Costs
Actual vs. Projected
For Months January 2009 through December 2009

Description	Actual	Projected	Difference
1 Capital Investment	\$273,205	\$277,113	(\$3,908)
2 Payroll	\$2,919,777	\$3,051,575	(\$131,798)
3 Materials and Supplies	\$368,247	\$408,068	(\$39,821)
4 Outside Services	\$3,627,219	\$4,355,792	(\$728,573)
5 Advertising	\$639,961	\$413,894	\$226,067
6 Incentives	\$24,145,696	\$23,847,820	\$297,876
7 Vehicles	\$204,420	\$201,240	\$3,180
8 Other	\$242,392	\$270,648	(\$28,256)
9 Subtotal	\$32,420,917	\$32,826,150	(\$405,233)
10 Less: Program Revenues	(\$177,502)	(\$267,986)	\$90,484
11 Total Program Costs	\$32,243,415	\$32,558,164	(\$314,749)
12 Adjustments	\$0	\$0	\$0
13 Beginning of Period True-up	(\$389,627)	(\$389,627)	\$0
Overrecovery			
14 Amounts included in Base Rates	\$0	\$0	\$0
15 Conservation Adjustment Revenues	(\$30,420,933)	(\$30,540,891)	\$119,958
16 True-up Before Interest	(\$1,432,855)	(\$1,627,646)	\$194,791
17 Interest Provision	(\$1,169)	(\$2,500)	\$1,331
18 End of Period True-up	(\$1,434,024)	(\$1,630,146)	\$196,122

TAMPA ELECTRIC COMPANY
Actual Conservation Program Costs per Program
Actuals for Months January 2009 through December 2009

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating and Cooling	\$0	\$28,703	\$565	\$37,698	\$0	\$539,050	\$31	\$3,818	\$0	\$609,865
2 Prime Time	125,687	254,730	6,558	44,269	0	5,832,245	24,813	36,390	0	6,324,692
3 Energy Audits	0	1,220,532	159,499	130,645	384,204	0	108,170	64,655	(665)	2,067,040
4 Cogeneration	0	108,228	0	0	0	0	2,047	1,751	0	112,026
5 Commercial Load Management	1,268	2,328	23	7,272	0	3,860	65	0	0	14,816
6 Commercial Lighting	0	26,038	0	0	0	429,672	749	0	0	456,459
7 Standby Generator	0	16,785	595	643	0	1,581,597	1,929	0	0	1,601,549
8 Conservation Value	0	8,906	100	0	0	0	2	21	0	9,029
9 Duct Repair	0	84,704	5,632	2,731	138,879	1,530,701	4,383	16,859	0	1,783,889
10 Renewable Energy Initiative	0	29,265	141,605	83	0	0	53	5,831	(176,837)	0
11 Industrial Load Management	0	15,328	0	0	0	13,129,183	575	0	0	13,145,086
12 DSM R&D	0	27,018	3,685	151,620	0	0	220	851	0	183,394
13 Common Expenses	0	344,660	1,245	95,803	0	0	275	6,353	0	448,336
14 Commercial Cooling	0	7,953	565	2,621	0	61,003	17	0	0	72,159
15 Residential New Construction	0	6,297	565	1,925	0	134,575	240	480	0	144,082
16 Price Responsive Load Management	146,250	602,096	14,757	464,943	116,878	0	55,981	94,673	0	1,495,578
17 Residential Building Improvement	0	86,505	565	3,977	0	521,361	3,398	455	0	616,261
18 Educational Energy Awareness (Pilot)	0	4,864	42,288	16,341	0	0	180	9,154	0	72,827
19 Residential Low-Income Weatherization	0	6,127	0	2,090	0	15,385	173	1,091	0	24,866
20 Commercial Duct Repair	0	7,440	0	1,782	0	237,000	82	10	0	246,314
21 Commercial Building Improvement	0	2,232	0	0	0	18,799	36	0	0	21,067
22 Commercial Energy Efficiency Motors	0	0	0	0	0	413	0	0	0	413
23 Commercial Demand Response	0	15,277	(10,000)	2,662,776	0	0	969	0	0	2,669,022
24 Commercial Chiller Replacement	0	8,579	0	0	0	58,495	32	0	0	67,106
25 Commercial Occupancy Sensors (Lighting)	0	5,182	0	0	0	52,357	0	0	0	57,539
26 Commercial Refrigeration (Anti-Condensate)	0	0	0	0	0	0	0	0	0	0
27 Commercial Water Heating	0	0	0	0	0	0	0	0	0	0
28 Total All Programs	\$273,205	\$2,919,777	\$368,247	\$3,627,219	\$639,961	\$24,145,696	\$204,420	\$242,392	(\$177,502)	\$32,243,415

TAMPA ELECTRIC COMPANY
Conservation Program Costs per Program
Variance - Actual vs. Projected
For Months January 2009 through December 2009

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating and Cooling	\$0	(\$1,188)	\$0	\$6,394	\$0	\$105,260	(\$54)	\$57	\$0	\$110,469
2 Prime Time	0	(35,777)	(4,228)	(8,897)	0	(69,040)	1,094	(324)	0	(117,172)
3 Energy Audits	0	(69,694)	53,959	10,014	142,530	0	3,584	3,724	(380)	143,717
4 Cogeneration	0	858	0	0	0	0	(35)	158	0	981
5 Commercial Load Management	(16)	(450)	23	7,142	0	357	(10)	0	0	7,046
6 Commercial Lighting	0	7,986	0	0	0	45,973	332	0	0	54,291
7 Standby Generator	0	(1,899)	30	(500)	0	(6,154)	10	0	0	(8,513)
8 Conservation Value	0	(795)	100	0	0	(78,000)	2	21	0	(78,672)
9 Duct Repair	0	132	916	389	65,895	(129,155)	1,671	1,921	0	(58,231)
10 Renewable Energy Initiative	0	(3,120)	(83,395)	(670)	0	0	53	(3,732)	90,864	0
11 Industrial Load Management	0	6,329	0	0	0	211,325	412	0	0	218,066
12 DSM R&D	0	(49,905)	4	(16,250)	0	0	158	837	0	(65,156)
13 Common Expenses	0	4,222	0	95,803	0	0	(4)	4,724	0	104,745
14 Commercial Cooling	0	(794)	0	2,621	0	(19,830)	(116)	0	0	(18,119)
15 Residential New Construction	0	(1,609)	(2,500)	(300)	0	19,250	85	480	0	15,406
16 Price Responsive Load Management	(3,892)	22,303	(2,421)	148,128	18,042	0	(3,167)	49,227	0	228,220
17 Residential Building Improvement	0	(314)	0	376	0	195,428	(29)	(88,536)	0	106,925
18 Educational Energy Awareness (Pilot)	0	(49)	9,776	(56,257)	0	0	(206)	3,658	0	(43,078)
19 Residential Low-Income Weatherization	0	(8,176)	(9,585)	0	0	3,260	(338)	(481)	0	(15,320)
20 Commercial Duct Repair	0	(398)	0	1,782	0	20,400	(140)	10	0	21,654
21 Commercial Building Improvement	0	(309)	0	0	0	(12,985)	(279)	0	0	(13,573)
22 Commercial Energy Efficiency Motors	0	(137)	0	0	(400)	(10)	0	0	0	(547)
23 Commercial Demand Response	0	4,356	(2,500)	(918,348)	0	0	344	0	0	(916,148)
24 Commercial Chiller Replacement	0	(1,994)	0	0	0	13,162	(97)	0	0	11,071
25 Commercial Occupancy Sensors (Lighting)	0	(1,209)	0	0	0	(95)	(50)	0	0	(1,354)
26 Commercial Refrigeration (Anti-Condensate)	0	(75)	0	0	0	(70)	0	0	0	(145)
27 Commercial Water Heating	0	(92)	0	0	0	(1,200)	(20)	0	0	(1,312)
Total All Programs	(\$3,908)	(\$131,798)	(\$39,821)	(\$728,573)	\$226,067	\$297,876	\$3,180	(\$28,256)	\$90,484	(\$314,749)

CT-2
 Page 4 of 4

TAMPA ELECTRIC COMPANY
 Description for Accounts
 For Months January 2009 through December 2009

18251	RESIDENTIAL LOAD MANAGEMENT	90876	COMMERCIAL ENERGY EFFICIENT MOTORS
18252	COMMERCIAL-INDUSTRIAL LOAD MGT	90877	DEFERRED CONSERVATION EXPENSE
18253	PRICE RESPONSIVE LOAD MGMT	90878	DEFERRED CONSERVATION INTEREST
45609	OTHER REVENUE COMM & IND AUDIT	90879	AMORT DEFERRED CONSERVATION EXPENSE
45610	OTHER ELECTRIC REVENUE PARKING	90880	COMMERCIAL DEMAND RESPONSE
45611	JOB ORDER REVENUES	90881	COMMERCIAL CHILLER
45612	OTHER REVENUE-BERS-BLDG ENERGY EFF	90882	COMMERCIAL LIGHTING OCCUPANCY SENSOR
90849	COMMON RECOVERABLE CONS COSTS	90883	COMMERCIAL REFRIGERATION
90850	HEATING & COOLING PROGRAM	90884	COMMERICAL WATER HEATING PROGRAM
90851	PRIME TIME EXPENSES	90885	DSM R&D LANDFILL GAS MICROTURBINE
90852	RESIDENTIAL CUSTOMER ASSISTED AUDIT	90886	DSM R&D DAIS ANALYTIC MER SYST
90853	RESIDENTIAL PHONE-ASSISTED AUDIT	90887	DSM R&D SOLAR PHOTOVOLTAICS
90854	COMPREHENSIVE HOME SURVEY	90888	LOW INCOME WEATHERIZATION
90855	FREE HOME ENERGY CHECK	90890	DSM COMMERCIAL R&D
90856	COMPREHENSIVE C/I AUDIT	90891	DSM COMMERCIAL COOLING
90857	FREE C/I AUDIT	90892	ENERGY PLUS HOMES
90858	WALL INSULATION	90893	PRICE RESPONSIVE LOAD MGMT R&D
90859	WINDOW REPLACEMENT	90950	HEATING & COOLING PROG ADVERTISING
90860	RESIDENTIAL BERS AUDIT	90951	PRIME TIME ADVERTISING
90861	COGENERATION	90952	RESIDENTIAL CUSTOMER ASSISTED - ADVERTISING
90862	WINDOW FILM	90954	COMPREHENSIVE HOME SURVEY ADVERTISING
90863	EDUCATIONAL ENERGY AWARENESS	90955	FREE HOME ENERGY CHECK ADVERTISING
90864	COMMERCIAL DUCT REPAIR PROGRAM	90957	FREE C/I AUDIT ADVERTISING
90865	INDUSTRIAL LOAD MANAGEMENT	90965	INDUSTRIAL LOAD MANAGMENT ADVERTISING
90866	CEILING INSULATION	90966	CEILING INSULATION ADVERTISING
90867	COMMERCIAL LOAD MGMT	90967	C&I LOAD MANAGEMENT ADVERTISING
90868	COMMERCIAL INDOOR LIGHTING PROGRAM	90968	COMMERCIAL INDOOR LIGHTING PROGRAM ADVERTISII
90869	STANDBY GENERATOR PROGRAM	90969	STANDBY GENERATOR PROGRAM ADVERTISING
90870	CONSERVATION VALUE PROGRAM	90970	CONSERVATION VALUE PROGRAM ADVERTISING
90871	RESIDENTIAL DUCT EFFICIENCY	90971	RESIDENTIAL DUCT EFFICIENCY ADVERTISING
90872	RENEWABLE ENERGY INITIATIVE	90972	RENEWABLE ENERGY INITIATIVE ADVERTISING
90873	COMMERCIAL SOLAR WINDOW FILM	90991	COMMERCIAL COOLING ADVERTISING
90874	COMMERCIAL CEILING INSULATION	90992	ENERGY PLUS HOMES ADVERTISING
90875	COMMERCIAL WALL INSULATION	90993	PRICE RESPONSIVENESS LOAD MGMT

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Expenses by Program by Month
Actual for Months January 2009 through December 2009

7

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Heating and Cooling	\$17,060	\$25,086	\$29,597	\$45,412	\$54,249	\$66,652	\$63,897	\$73,724	\$66,676	\$28,256	\$96,476	\$40,780	\$609,865
2 Prime Time	615,788	638,728	602,267	472,944	478,204	481,519	500,608	476,640	470,940	459,632	578,833	548,589	6,324,692
3 Energy Audits	105,374	111,632	171,489	152,942	123,505	151,516	178,618	217,385	131,186	168,287	238,690	316,416	2,067,040
4 Cogeneration	9,366	11,654	9,984	8,879	9,353	7,148	10,467	7,191	8,138	7,723	11,062	11,061	112,026
5 Commercial Load Management	298	513	879	1,027	712	640	796	863	7,735	1,354	(6)	5	14,816
6 Commercial Lighting	4,981	20,136	48,000	63,430	(4,812)	3,211	105,227	10,344	66,932	54,362	26,620	58,028	456,459
7 Standby Generator	131,911	134,952	133,852	134,868	132,254	134,732	121,743	137,400	127,395	141,320	134,446	136,676	1,601,549
8 Conservation Value	847	446	1,470	311	624	835	668	1,255	757	724	500	492	9,029
9 Duct Repair	70,643	130,777	260,727	134,642	139,606	156,458	153,687	153,352	145,956	83,767	150,792	203,482	1,783,889
10 Renewable Energy Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Industrial Load Management	0	0	0	0	1,711,148	1,667,753	1,577,553	1,647,338	1,682,216	1,794,597	1,571,918	1,492,563	13,145,086
12 DSM R&D	0	150,000	1,789	815	1,294	5,688	6,469	3,483	2,917	3,189	4,194	3,556	183,394
13 Common Expenses	29,499	17,539	19,650	52,536	19,069	31,465	26,581	49,124	50,856	68,178	21,345	62,494	448,336
14 Commercial Cooling	6,667	11,653	1,681	10,314	7,845	8,554	2,044	(5,945)	2,208	23,600	1,574	1,964	72,159
15 Residential New Construction	40	337	5,296	1,045	8,814	1,945	34,849	18,527	789	2,923	20,985	48,532	144,082
16 Price Responsive Load Management	73,354	85,318	125,307	113,355	131,484	109,182	163,958	116,699	117,495	127,011	128,868	203,547	1,495,578
17 Residential Building Improvement	35,206	27,477	27,870	30,402	57,302	60,385	43,829	78,553	66,306	68,339	63,672	56,920	616,261
18 Educational Energy Awareness (Pilot)	5,565	361	534	5,348	8,110	536	511	536	25,074	13,777	4,395	8,080	72,827
19 Residential Low-Income Weatherization	3,994	198	2,516	3,115	871	942	1,300	408	588	4,993	4,749	1,192	24,866
20 Commercial Duct Repair	9,101	14,711	19,995	17,742	26,266	14,412	28,173	18,827	16,855	17,139	27,514	35,579	246,314
21 Commercial Building Improvement	0	0	0	5,445	0	8,348	4,364	675	700	206	601	728	21,067
22 Commercial Energy Efficiency Motors	0	0	0	0	0	0	413	0	0	0	0	0	413
23 Commercial Demand Response	259,840	4,856	555,468	790	1,074	1,403	1,055,532	255,033	1,520	274,784	625	258,097	2,669,022
24 Commercial Chiller Replacement	719	3,231	871	485	553	497	24,653	3,806	1,964	21,123	451	8,753	67,106
25 Commercial Occupancy Sensors (Lighting)	434	446	459	178	14,183	9,303	4,005	830	12,721	541	480	13,959	57,539
26 Commercial Refrigeration (Anti-Condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Commercial Water Heating	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Total	1,380,687	1,390,051	2,019,701	1,256,025	2,921,708	2,923,224	4,109,945	3,266,048	3,007,924	3,365,825	3,090,784	3,511,493	32,243,415
29 Less: Amount Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conservation Expenses	<u>\$1,380,687</u>	<u>\$1,390,051</u>	<u>\$2,019,701</u>	<u>\$1,256,025</u>	<u>\$2,921,708</u>	<u>\$2,923,224</u>	<u>\$4,109,945</u>	<u>\$3,266,048</u>	<u>\$3,007,924</u>	<u>\$3,365,825</u>	<u>\$3,090,784</u>	<u>\$3,511,493</u>	<u>\$32,243,415</u>

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2009 through December 2009

Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Residential Conservation Audit Fees (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Conservation Adjustment Revenues *	1,329,519	1,324,533	1,198,587	1,217,259	2,623,884	3,308,406	3,553,978	3,498,944	3,472,104	3,342,667	2,921,309	2,629,743	30,420,933
3 Total Revenues	1,329,519	1,324,533	1,198,587	1,217,259	2,623,884	3,308,406	3,553,978	3,498,944	3,472,104	3,342,667	2,921,309	2,629,743	30,420,933
4 Prior Period True-up	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>32,469</u>	<u>389,627</u>
5 Conservation Revenue Applicable to Period	1,361,988	1,357,002	1,231,056	1,249,728	2,656,353	3,340,875	3,586,447	3,531,413	3,504,573	3,375,136	2,953,778	2,662,211	30,810,560
6 Conservation Expenses	<u>1,380,687</u>	<u>1,390,051</u>	<u>2,019,701</u>	<u>1,256,025</u>	<u>2,921,708</u>	<u>2,923,224</u>	<u>4,109,945</u>	<u>3,266,048</u>	<u>3,007,924</u>	<u>3,365,825</u>	<u>3,090,784</u>	<u>3,511,493</u>	32,243,415
7 True-up This Period (Line 5 - Line 6)	(18,699)	(33,049)	(788,645)	(6,297)	(265,355)	417,651	(523,498)	265,365	496,649	9,311	(137,006)	(849,282)	(1,432,855)
8 Interest Provision This Period	200	196	(74)	(227)	(213)	(187)	(210)	(216)	(118)	(67)	(84)	(189)	(1,169)
9 True-up & Interest Provision Beginning of Period	389,627	338,659	273,337	(547,851)	(586,844)	(884,881)	(499,886)	(1,056,063)	(823,383)	(359,321)	(382,546)	(552,105)	389,627
10 Prior Period True-up Collected (Refunded)	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(32,469)</u>	<u>(389,627)</u>
11 End of Period Total Net True-up	<u>\$338,659</u>	<u>\$273,337</u>	<u>(\$547,851)</u>	<u>(\$586,844)</u>	<u>(\$884,881)</u>	<u>(\$499,886)</u>	<u>(\$1,056,063)</u>	<u>(\$823,383)</u>	<u>(\$359,321)</u>	<u>(\$382,546)</u>	<u>(\$552,105)</u>	<u>(\$1,434,024)</u>	<u>(\$1,434,024)</u>

* Net of Revenue Taxes

(A) Included in Line 6

8

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2009 through December 2009

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	\$389,827	\$338,659	\$273,337	(\$547,851)	(\$586,844)	(\$864,881)	(\$499,886)	(\$1,056,063)	(\$823,383)	(\$359,321)	(\$382,546)	(\$552,105)	
2 Ending True-up Amount Before Interest	338,459	273,141	(547,777)	(586,817)	(884,668)	(499,699)	(1,055,853)	(823,167)	(359,203)	(382,479)	(552,021)	(1,433,855)	
3 Total Beginning & Ending True-up	<u>728,086</u>	<u>611,800</u>	<u>(274,440)</u>	<u>(1,134,468)</u>	<u>(1,471,512)</u>	<u>(1,384,580)</u>	<u>(1,555,739)</u>	<u>(1,879,230)</u>	<u>(1,182,586)</u>	<u>(741,800)</u>	<u>(934,567)</u>	<u>(1,985,960)</u>	
4 Average True-up Amount (50% of Line 3)	<u>364,043</u>	<u>305,900</u>	<u>(137,220)</u>	<u>(567,234)</u>	<u>(735,756)</u>	<u>(692,290)</u>	<u>(777,870)</u>	<u>(939,615)</u>	<u>(591,293)</u>	<u>(370,900)</u>	<u>(467,284)</u>	<u>(992,980)</u>	
5 Interest Rate - First Day of Month	0.540%	0.790%	0.750%	0.550%	0.400%	0.300%	0.350%	0.300%	0.250%	0.220%	0.220%	0.200%	
6 Interest Rate - First Day of Next Month	0.790%	0.750%	0.550%	0.400%	0.300%	0.350%	0.300%	0.250%	0.220%	0.220%	0.200%	0.200%	
7 Total (Line 5 + Line 6)	1.330%	1.540%	1.300%	0.950%	0.700%	0.650%	0.650%	0.550%	0.470%	0.440%	0.420%	0.400%	
8 Average Interest Rate (50% of Line 7)	0.665%	0.770%	0.650%	0.475%	0.350%	0.325%	0.325%	0.275%	0.235%	0.220%	0.210%	0.200%	
9 Monthly Average Interest Rate (Line 8/12)	0.055%	0.064%	0.054%	0.040%	0.029%	0.027%	0.027%	0.023%	0.020%	0.018%	0.018%	0.017%	
10 Interest Provision (Line 4 x Line 9)	\$200	\$196	(\$74)	(\$227)	(\$213)	(\$187)	(\$210)	(\$216)	(\$118)	(\$67)	(\$84)	(\$169)	(\$1,169)

6

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2009 through December 2009

PRIME TIME

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Retirements		115,883	117,349	120,036	112,185	101,808	101,955	89,845	70,004	45,747	67,464	78,907	112,009	1,133,192
3 Depreciation Base		1,095,824	978,475	858,439	746,254	644,446	542,491	452,646	382,642	336,895	269,431	190,524	78,515	
4 Depreciation Expense		19,229	17,286	15,308	13,372	11,589	9,891	8,293	6,961	5,996	5,053	3,833	2,242	119,053
5 Cumulative Investment	1,211,707	1,095,824	978,475	858,439	746,254	644,446	542,491	452,646	382,642	336,895	269,431	190,524	78,515	\$78,515
6 Less: Accumulated Depreciation	1,077,201	980,547	880,484	775,756	676,943	586,724	494,660	413,108	350,065	310,314	247,903	172,829	63,062	63,062
7 Net Investment	\$134,506	\$115,277	\$97,991	\$82,683	\$69,311	\$57,722	\$47,831	\$39,538	\$32,577	\$26,581	\$21,528	\$17,695	\$15,453	\$15,453
8 Average Investment		124,892	106,634	90,337	75,997	63,517	52,777	43,685	36,058	29,579	24,055	19,612	16,574	
9 Return on Average Investment		743	634	538	452	378	314	260	214	176	143	117	99	4,068
10 Return Requirements		1,210	1,032	876	736	617	513	425	350	288	234	191	162	6,634
11 Total Depreciation and Return		\$20,439	\$18,318	\$16,184	\$14,108	\$12,206	\$10,404	\$8,718	\$7,311	\$6,284	\$5,287	\$4,024	\$2,404	\$125,687

Note: Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59500% from January 1 - May 6 and 0.59480% from May 7 - December 31.

Return Requirements are calculated using an income tax multiplier of 1.6280016 for January 1 - May 6 and 1.634900 for May 7 - December 31.

10

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2009 through December 2009

COMMERCIAL LOAD MANAGEMENT

<u>Description</u>	<u>Beginning of Period</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Retirements		0	0	0	0	0	0	0	0	8,136	0	0	0	8,136
3 Depreciation Base		8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	324	324	324	324	
4 Depreciation Expense		141	141	141	141	141	141	141	141	73	5	5	5	1,216
5 Cumulative Investment	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	324	324	324	324	\$324
6 Less: Accumulated Depreciation	7,226	7,367	7,508	7,649	7,790	7,931	8,072	8,213	8,354	291	296	301	306	306
7 Net Investment	\$1,234	\$1,093	\$952	\$811	\$670	\$529	\$388	\$247	\$106	\$33	\$28	\$23	\$18	\$18
8 Average Investment		1,164	1,023	882	741	600	459	318	177	70	31	26	21	
9 Return on Average Investment		7	6	5	4	4	3	2	1	0	0	0	0	32
10 Return Requirements		11	10	8	7	6	5	3	2	0	0	0	0	52
11 Total Depreciation and Return		\$152	\$151	\$149	\$148	\$147	\$146	\$144	\$143	\$73	\$5	\$5	\$5	\$1,268

Note: Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59500% from January 1 - May 6 and 0.59480% from May 7 - December 31.

Return Requirements are calculated using an income tax multiplier of 1.6280016 for January 1 - May 6 and 1.634900 for May 7 - December 31.

11

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2009 through December 2009

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$6,845	\$480	\$87,572	\$69,742	\$541	\$97,055	\$48,758	\$189,863	\$196,711	\$73,208	\$770,774
2 Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3 Depreciation Base		263,264	263,264	270,109	270,589	358,161	427,903	428,444	525,499	574,257	764,120	960,831	1,034,039	
4 Depreciation Expense		4,388	4,388	4,445	4,506	5,240	6,551	7,136	7,950	9,165	11,153	14,375	16,624	95,921
5 Cumulative Investment	263,264	\$263,264	\$263,264	\$270,109	\$270,589	\$358,161	\$427,903	\$428,444	\$525,499	\$574,257	\$764,120	\$960,831	\$1,034,039	\$1,034,039
6 Less: Accumulated Depreciation	12,617	17,005	21,393	25,838	30,344	35,584	42,135	49,271	57,221	66,386	77,539	91,914	108,538	108,538
7 Net Investment	\$250,647	\$246,259	\$241,871	\$244,271	\$240,245	\$322,577	\$385,768	\$379,173	\$468,278	\$507,871	\$686,581	\$868,917	\$925,501	\$925,501
8 Average Investment		248,453	244,065	243,071	242,258	281,411	354,173	382,471	423,726	488,075	597,226	777,749	897,209	
9 Return on Average Investment		1,478	1,452	1,446	1,441	1,674	2,107	2,275	2,520	2,903	3,552	4,626	5,337	30,811
10 Return Requirements		2,406	2,364	2,354	2,346	2,734	3,445	3,719	4,120	4,746	5,807	7,563	8,725	50,329
11 Total Depreciation and Return		\$6,794	\$6,752	\$6,799	\$6,852	\$7,974	\$9,996	\$10,855	\$12,070	\$13,911	\$16,960	\$21,938	\$25,349	\$146,250

Note: Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59500% from January 1 - May 6 and 0.59480% from May 7 - December 31.

Return Requirements are calculated using an income tax multiplier of 1.6280016 for January 1 - May 6 and 1.634900 for May 7 - December 31.

12

CT-5
Page 1 of 1

TAMPA ELECTRIC COMPANY
Reconciliation and Explanation of
Difference Between Filing and FPSC Audit
For Months January 2009 through December 2009

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

Program Description and Progress

Program Title: Heating and Cooling Program

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

Program Accomplishments: January 1, 2009 to December 31, 2009

In this reporting period 3,529 units were installed.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$609,865.

Program Progress Summary: Through this reporting period 167,446 approved units have been installed.

Program Description and Progress

Program Title: Prime Time

Program Description: This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating and pool pumps. Participating customers receive monthly credits on their electric bills. Per Commission Order No. PSC-05-0181-PAA-EG issued February 16, 2005, this program is closed to new participants.

Program Accomplishments: January 1, 2009 to December 31, 2009

There were 2,603 net customers that discontinued participation during this reporting period.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$6,324,692.

Program Progress Summary: Through this reporting period there are 48,080 participating customers.

Program Description and Progress

Program Title: Energy Audits

Program Description: These are on-site audits of residential, commercial and industrial premises and residential customer assisted on-line and telephone surveys that instruct customers on how to use conservation measures and practices to reduce their energy usage.

Program Accomplishments: January 1, 2009 to December 31, 2009

Number of audits completed:
Residential on-site - 8,681
Residential customer assisted - 1,905
Commercial on-site – 1,009

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$2,067,040.

Program Progress Summary: Through this reporting period 278,592 on-site audits have been performed. Additionally, the company has processed 116,109 residential and commercial customer assisted audits.

Program Description and Progress

Program Title: Cogeneration

Program Description: This program encourages the development of cost-effective commercial and industrial cogeneration facilities through the evaluation and administration of standard offers and the negotiation of contracts for the purchase of firm capacity and energy.

Program Accomplishments: January 1, 2009 to December 31, 2009

The company continued communication and interaction with all present and potential customers.

Tampa Electric completed the development and publication of the 20-Year Cogeneration Forecast, reviewed proposed cogeneration opportunities for cost-effectiveness and answered data requests from existing cogenerators. The company also attended meetings as scheduled with cogeneration customer personnel at selected facilities.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$112,026.

Program Progress Summary: The total maximum generation by electrically interconnected cogeneration during 2009 was 450 MW and 3,555 GWH.

The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in Tampa Electric's service area.

Program Description and Progress

Program Title: Commercial Load Management

Program Description: This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

Program Accomplishments: January 1, 2009 to December 31, 2009

There were five net customers that discontinued participation during this reporting period.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$14,816.

Program Progress Summary: Through this reporting period there is one participating customer.

Program Description and Progress

Program Title: Commercial Lighting

Program Description: This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

Program Accomplishments: January 1, 2009 to December 31, 2009

In this reporting period 140 customers received an incentive.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual program expenses were \$456,459.

Program Progress Summary: Through this reporting period 1,297 customers have received an incentive.

Program Description and Progress

Program Title: Standby Generator

Program Description: This is a program designed to utilize the emergency generation capacity at firm commercial and industrial facilities in order to reduce weather-sensitive peak demand.

Program Accomplishments: January 1, 2009 to December 31, 2009

Five new customers were added during this reporting period.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$1,601,549.

Program Progress Summary: Through this reporting period there are 84 participating customers.

Program Description and Progress

Program Title: Conservation Value

Program Description: This is an incentive program for firm commercial and industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

Program Accomplishments: January 1, 2009 to December 31, 2009

Two customers qualified for an incentive during this reporting period however installations are pending.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$9,029.

Program Progress Summary: Through this reporting period 31 customers have qualified and received the appropriate incentive.

Pursuant to Docket No. 900885-EG, Commission Order No. 24276, issued March 25, 1991 for the purpose of approving Tampa Electric Company's Conservation Value Program, the company is filing the attached table. Specifically, the table provides incentive payments as well as other program costs incurred during the January 2009 through December 2009 period. The table format was filed with the Commission on April 23, 1991 in response to the aforementioned order requesting the program participation standards.

TAMPA ELECTRIC COMPANY
CONSERVATION VALUE PROGRAM
CUSTOMER INCENTIVE PAYMENT SCHEDULE
JANUARY 2009 - DECEMBER 2009

CUSTOMER DATA	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
No incentives paid during this period.												
MONTHLY TOTALS:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TOTAL INCENTIVES PAID FOR PERIOD: \$0
TOTAL OTHER EXPENSES FOR PERIOD ⁽¹⁾: \$9,029
GRAND TOTAL EXPENSES FOR PERIOD: \$9,029

⁽¹⁾ Represents project evaluation and administration costs.

Program Description and Progress

Program Title: Duct Repair

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

Program Accomplishments: January 1, 2009 to December 31, 2009

In this reporting period 9,772 customers have participated.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$1,783,889.

Program Progress Summary: Through this reporting period 78,666 customers have participated.

Program Description and Progress

Program Title: Renewable Energy Initiative

Program Description: This is a program designed to assist in the delivery of renewable energy for the company's Renewable Energy Program. This specific effort provides funding for program administration, evaluation and market research.

Program Accomplishments: January 1, 2009 to December 31, 2009

Net customers added – 608
Net blocks of energy added – 684
One time blocks sold – 1,376

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$176,837.

Program Progress Summary: Through this reporting period 2,858 customers are participating purchasing a total of 4,042 blocks of energy. Two new solar generating resources were added in 2009. The first resource was a 15 KW Photovoltaic ("PV") array at the Lowery Park Zoo and the second, a 10KW PV array at the Florida Aquarium.

Program Description and Progress

Program Title: Industrial Load Management

Program Description: This is a load management program for large industrial customers with interruptible loads of 500 kW or greater.

Program Accomplishments: January 1, 2009 to December 31, 2009

No new customers qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$13,145,086.

Program Progress Summary: This program was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. For 2008, assessments indicated an opportunity for customer participation; therefore, the associated GSLM 2 & 3 tariffs were opened to new participants.

Beginning May 2009, Tampa Electric transferred existing IS (non-firm) customers to a new IS (firm) rate schedule. These customers are now incented under GSLM-2 or GSLM-3 rate rider with expenses recovered under the ECCR clause.

Program Description and Progress

Program Title: DSM Research and Development (R&D)

Program Description: This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

Program Accomplishments: January 1, 2008 to December 31, 2008
See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2008 to December 31, 2008
Actual expenses were \$183,394.

Program Progress Summary: For 2009, Tampa Electric began the implementation of a Commercial General Service Price Responsive Load Management Pilot. The company has agreed to partner with the University of South Florida to assist in the project.

Program Description and Progress

Program Title:

Common Expenses

Program Description:

These are expenses common to all programs.

Program Accomplishments:

January 1, 2009 to December 31, 2009

N/A

Program Fiscal Expenditures:

January 1, 2009 to December 31, 2009

Actual expenses were \$448,336.

Program Progress Summary:

N/A

Program Description and Progress

Program Title:	<u>Commercial Cooling</u>
Program Description:	This is an incentive program to encourage the installation of high efficiency direct expansion (DX) commercial air conditioning equipment.
Program Accomplishments:	<u>January 1, 2009 to December 31, 2009</u> In this reporting period 245 units were installed.
Program Fiscal Expenditures:	<u>January 1, 2009 to December 31, 2009</u> Actual expenses were \$72,159.
Program Progress Summary:	Through this reporting period 1,121 approved units have been installed.

Program Description and Progress

Program Title:	<u>Energy Plus Homes</u>
Program Description:	This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.
Program Accomplishments:	<u>January 1, 2009 to December 31, 2009</u> In this reporting period 257 homes qualified.
Program Fiscal Expenditures:	<u>January 1, 2009 to December 31, 2009</u> Actual expenses were \$144,082.
Program Progress Summary:	Through this reporting period 297 approved homes have participated.

Program Description and Progress

Program Title:	<u>Price Responsive Load Management</u>
Program Description:	This program is designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure. This rate structure is designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.
Program Accomplishments:	<u>January 1, 2009 to December 31, 2009</u> There were 517 net customers that were added during this reporting period.
Program Fiscal Expenditures:	<u>January 1, 2009 to December 31, 2009</u> Actual expenses were \$1,495,578.
Program Progress Summary:	Through this reporting period 674 customers are participating in the program.

Program Description and Progress

Program Title:

Commercial Demand Response

Program Description:

This program is intended to help alter the company's system load curve by reducing summer and winter demand peaks. The company has contracted for a turn-key program that will induce commercial and industrial customers to reduce their demand for electricity in response to market signals. Reductions will be achieved through a mix of emergency backup generation, energy management systems, raising cooling set-points and turning off or dimming lights, signage, etc.

Program Accomplishments:

January 1, 2009 to December 31, 2009

In this reporting period 82 customers are participating.

Program Fiscal Expenditures:

January 1, 2009 to December 31, 2009

Actual expenses were \$2,669,022.

Program Progress Summary:

Through this reporting period 82 approved customers are participating.

Program Description and Progress

Program Title: Residential Building Envelope Improvement

Program Description: This program is designed to save demand and energy by decreasing the load on residential air conditioning and heating ("HVAC") equipment. Eligible customers can receive incentives to add ceiling insulation, exterior wall insulation, window replacement and window film.

Program Accomplishments: January 1, 2009 to December 31, 2009
Number of installations completed:
Ceiling insulation installed – 1,558
Exterior wall insulation installed – 6
Window replacement installations – 702
Window film installations – 540

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009
Actual expenses were \$616,261.

Program Progress Summary: Through this reporting period the following measures have been installed:
Ceiling insulation – 83,415
Exterior wall insulation – 8
Window replacement – 976
Window film – 803

Program Description and Progress

Program Title: Commercial Building Envelope Improvement

Program Description: This program is designed to save demand and energy by decreasing the load on air conditioning and heating ("HVAC") equipment. Eligible customers can receive incentives to add ceiling insulation, exterior wall insulation and window film.

Program Accomplishments: January 1, 2009 to December 31, 2009

Number of installations completed:
Ceiling insulation installed – 4
Exterior wall insulation installed – 0
Window film installations – 27

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$21,067.

Program Progress Summary: Through this reporting period the following measures have been installed:

Ceiling insulation – 6
Exterior wall insulation – 0
Window film – 30

Program Description and Progress

Program Title: Educational Energy Awareness (Pilot)

Program Description: This program is designed to save demand and energy by increasing customer awareness of available conservation measures and practices that can reduce their energy use. Tampa Electric will partner with schools within its service area at the third grade level to teach students the benefits of energy efficiency.

Program Accomplishments: January 1, 2009 to December 31, 2009
In this reporting period Tampa Electric partnered with 19 local schools to present the pilot program to 7,860 students in 314 classes.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009
Actual expenses were \$72,827.

Program Progress Summary: Through this reporting period Tampa Electric partnered with 27 local schools to present the pilot program to 10,840 students in 463 classes. In addition, the program presentations generated 33 customer assisted audits.

Program Description and Progress

Program Title: Commercial Duct Repair

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a facility.

Program Accomplishments: January 1, 2009 to December 31, 2009

In this reporting period 1,185 customers have participated in the program.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$246,314.

Program Progress Summary: Through this reporting period 1,237 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Efficient Motors

Program Description: This program is designed to encourage commercial/industrial customers to install premium-efficiency motors in new or existing facilities through incentives. The program is aimed at reducing the growth of peak demand and energy by encouraging customers to replace worn out, inefficient equipment with high efficiency equipment that exceeds minimum product manufacturing standards.

Program Accomplishments: January 1, 2009 to December 31, 2009

In this reporting period seven customers have participated in the program.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$413.

Program Progress Summary: Through this reporting period seven customers have participated in the program.

Program Description and Progress

Program Title: Residential Low-Income Weatherization

Program Description: This program is designed to save demand and energy by decreasing the energy consumption at a residence. Aimed at low-income customers, the following will be provided at no cost to qualified customers (where applicable).

- Eight Compact fluorescent lamps
- One water heater wrap
- Three low flow faucet aerators and two showerheads
- Window HVAC weatherstripping kit
- Wall plate thermometers
- HVAC filters
- Weatherstripping and caulking
- Ceiling insulation (up to R-19)

Program Accomplishments: January 1, 2009 to December 31, 2009

There were 207 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009

Actual expenses were \$24,866.

Program Progress Summary: Through this reporting period 333 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Chillers

Program Description: This is an incentive program to encourage the installation of high efficiency cooling equipment that exceeds minimum product manufacturing standards.

Program Accomplishments: January 1, 2009 to December 31, 2009
There were 17 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009
Actual expenses were \$67,106.

Program Progress Summary: Through this reporting period 20 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Occupancy Sensors

Program Description: This is an incentive program to encourage the installation of occupancy sensors in any area where indoor lights would be used on peak.

Program Accomplishments: January 1, 2009 to December 31, 2009
There were 20 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009
Actual expenses were \$57,539.

Program Progress Summary: Through this reporting period 23 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Refrigeration (Anti-Condensate)

Program Description: This is an incentive program to encourage the installation of efficient refrigeration controls and equipment.

Program Accomplishments: January 1, 2009 to December 31, 2009
For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009
There were no expenses during this period.

Program Progress Summary: Through this reporting period there were no customers who participated in the program.

Program Description and Progress

Program Title: Commercial Water Heating

Program Description: This program is designed to encourage commercial/industrial customers to install high efficiency water heating systems. The two technologies covered under this program are heat recovery units and heat pump water heaters.

Program Accomplishments: January 1, 2009 to December 31, 2009
For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2009 to December 31, 2009
There were no expenses during this period.

Program Progress Summary: Through this reporting period there were no customers who participated in the program.

CONSERVATION COSTS
PROJECTED

INDEX

<u>SCHEDULE</u>	<u>TITLE</u>	<u>PAGE</u>
—	Calculation Of Energy & Demand Allocation % By Rate Class	17
C-1E	Summary of Cost Recovery Clause Calculation	18
C-2E	Program Costs - Projected	19
C-3E	Program Costs - Actual and Projected	24
C-4E	Calculation of Conservation Revenues	32
C-5E	Program Description and Progress	33
—	Detail of RSVP-1 Rates	60
C-1P	Summary of Cost Recovery Clause Calculation	61
C-2P	Program Costs - Projected	62
C-3P	Program Costs - Actual and Projected	68
C-4P	Calculation of Conservation Revenues	76
C-5P	Program Description and Progress	77
—	Calculation of GSLM-2 and GSLM-3 Contracted Credit Value	111
—	Detail of RSVP-1 Rates	115

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100002-EG EXHIBIT 10

PARTY TAMPA ELECTRIC COMPANY (DIRECT)

DESCRIPTION HOWARD T. BRYANT (HTB-2)

DATE 11/01/10

TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
JANUARY 2011 THROUGH DECEMBER 2011

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 25% Avg Demand Factor (%)
RS	54.79%	8,863,147	1,847	1.080698	1.055797	9,357,688	1,996	46.99%	56.74%	54.30%
GS,TS	65.43%	1,064,630	186	1.080698	1.055784	1,124,019	201	5.64%	5.71%	5.69%
GSD Optional	4.00%	390,057	56	1.075881	1.051965	410,326	61	2.06%	1.73%	1.81%
GSD, SBF Standard	75.00%	7,310,448	1,056	1.075881	1.051965	7,690,338	1,137	38.62%	32.32%	33.90%
IS	103.01%	1,066,368	118	1.032476	1.018705	1,086,314	122	5.46%	3.47%	3.97%
LS1	2445.31%	231,963	1	1.080698	1.055797	244,906	1	1.23%	0.03%	0.33%
TOTAL		18,926,613	3,265			19,913,591	3,518	100%	100%	100%

- (1) AVG 12 CP load factor based on 2010 projected data.
(2) Projected MWH sales for the period Jan. 2011 thru Dec. 2011.
(3) Calculated: Col (2) / (8760*Col (1)).
(4) Based on 2010 projected demand losses.
(5) Based on 2010 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).
(8) Col (6) / total for Col (6).

C-1E
Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2011 through December 2011

1. Total Incremental Cost (C-2, Page 1, Line 17)	43,332,488
2. Demand Related Incremental Costs	34,320,237
3. Energy Related Incremental Costs	9,012,251

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,TS</u>	<u>GSD, SBF STANDARD</u>	<u>GSD OPTIONAL</u>	<u>IS</u>	<u>LS1</u>	<u>Total</u>
4. Demand Allocation Percentage	54.30%	5.69%	33.90%	1.81%	3.97%	0.33%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	18,635,889	1,952,821	11,634,560	621,196	1,362,513	113,257	<u>34,320,237</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>432,004</u>	<u>45,269</u>	<u>269,704</u>	<u>14,400</u>	<u>31,585</u>	<u>2,625</u>	<u>795,587</u>
7. Total Demand Related Incremental Costs	<u>19,067,892</u>	<u>1,998,090</u>	<u>11,904,264</u>	<u>635,596</u>	<u>1,394,098</u>	<u>115,882</u>	<u>35,115,824</u>
8. Energy Allocation Percentage	46.99%	5.64%	38.62%	2.06%	5.46%	1.23%	100.00%
9. Net Energy Related Incremental Costs	4,234,857	508,291	3,480,531	185,652	492,069	110,851	<u>9,012,251</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>175,928</u>	<u>21,116</u>	<u>144,591</u>	<u>7,713</u>	<u>20,442</u>	<u>4,605</u>	<u>374,394</u>
11. Total Net Energy Related Incremental Costs	<u>4,410,784</u>	<u>529,407</u>	<u>3,625,122</u>	<u>193,365</u>	<u>512,511</u>	<u>115,456</u>	<u>9,386,645</u>
12. Total Incremental Costs (Line 5 + 9)	22,870,745	2,461,112	15,115,092	806,849	1,854,582	224,107	43,332,488
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>607,931</u>	<u>66,385</u>	<u>414,295</u>	<u>22,113</u>	<u>52,027</u>	<u>7,230</u>	<u>1,169,981</u>
14. Total (Line 12 + 13)	<u>23,478,677</u>	<u>2,527,497</u>	<u>15,529,387</u>	<u>828,961</u>	<u>1,906,609</u>	<u>231,338</u>	<u>44,502,469</u>
15. Retail MWH Sales	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
16. Effective MWH at Secondary	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
17. Projected Billed KW at Meter	*	*	17,347,485	*	2,462,951	*	
18. Cost per KWH at Secondary (Line 16/Line 18)	0.26490	0.23741	*	0.21252	*	0.09973	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2651	0.2376	*	0.2127	*	0.0998	
21. Conservation Adjustment Factor (cents/KWH)							
<u>RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *</u>							
- Secondary	<u>0.265</u>	<u>0.238</u>		<u>0.213</u>		<u>0.100</u>	
- Primary				<u>0.211</u>			
- Subtransmission				<u>0.209</u>			
<u>GSD, SBF, IS Standard Rates (\$/KW) *</u>							
Full Requirement							
- Secondary	*	*	<u>0.90</u>	*	<u>0.77</u>	*	
- Primary	*	*	<u>0.89</u>	*	<u>0.77</u>	*	
- Subtransmission	*	*	<u>0.88</u>	*	<u>0.76</u>	*	

*(ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2011 through December 2011

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	405,744
2 Prime Time (D)	603,145	585,160	579,306	430,336	430,762	441,237	468,175	450,123	447,039	445,250	541,758	525,269	5,947,560
3 Energy Audits (E)	181,618	181,618	181,618	181,618	181,617	192,617	202,617	217,617	192,617	181,617	181,617	181,617	2,258,408
4 Cogeneration (E)	10,227	10,227	10,227	10,377	10,377	10,377	10,377	10,377	10,377	10,227	10,227	10,227	123,624
5 Commercial Load Mgmt (D)	40	161	80	870	991	876	963	883	883	881	51	51	6,730
6 Commercial Lighting (E)	26,536	26,536	26,536	26,536	26,536	26,536	26,536	26,536	26,536	26,536	28,689	16,328	310,377
7 Standby Generator (D)	162,790	169,921	177,421	164,539	164,539	162,790	170,390	162,790	162,790	162,790	162,790	162,790	1,986,340
8 Conservation Value (E)	7,635	7,635	73,788	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	157,773
9 Duct Repair (E)	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	1,324,128
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Industrial Load Management (D)	1,700,773	1,800,773	1,700,773	1,802,118	1,702,118	1,802,118	1,802,118	1,802,118	1,800,773	1,700,773	1,700,773	1,700,773	21,016,001
12 DSM R&D (D&E) (50% D, 50% E)	7,684	7,684	7,684	7,684	7,431	4,500	0	0	0	0	0	0	42,667
13 Commercial Cooling (E)	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	67,704
14 Residential New Construction (E)	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	437,112
15 Common Expenses (D&E) (50% D, 50% E)	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	591,624
16 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	197,868	203,101	206,657	202,433	207,576	213,732	218,231	223,284	226,659	239,400	244,365	247,647	2,630,953
17 Residential Building Envelope Improvement (E)	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,480	71,480	857,780
18 Educational Energy Awareness (Pilot) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Residential Low- Income Weatherization (E)	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,435	63,570
20 Commercial Duct Repair (E)	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	105,282	1,246,620
21 Commercial Building Envelope Improvement (E)	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	20,208
22 Commercial Energy Efficient Motors (E)	81	81	81	81	81	156	156	156	81	81	81	81	1,197
23 Commercial Demand Response (D)	312,094	309,926	309,926	312,094	313,126	309,926	309,926	312,094	309,926	309,926	312,094	309,926	3,730,984
24 Commercial Chiller Replacement (E)	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	19,464
25 Commercial Occupancy Sensors (Lighting) (E)	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	75,924
26 Commercial Refrigeration (Anti-Condensate) (E)	414	414	414	414	414	414	414	414	414	414	414	414	4,968
27 Commercial Water Heating (E)	419	419	419	419	419	419	419	419	419	419	419	419	5,028
28 Total	3,637,008	3,729,340	3,700,614	3,572,838	3,479,306	3,599,017	3,643,641	3,640,130	3,611,833	3,511,633	3,616,595	3,590,533	43,332,488
29 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conserv. Expenses	<u>3,637,008</u>	<u>3,729,340</u>	<u>3,700,614</u>	<u>3,572,838</u>	<u>3,479,306</u>	<u>3,599,017</u>	<u>3,643,641</u>	<u>3,640,130</u>	<u>3,611,833</u>	<u>3,511,633</u>	<u>3,616,595</u>	<u>3,590,533</u>	<u>43,332,488</u>
Summary of Demand & Energy													
Energy	730,739	733,355	801,286	733,171	735,615	748,303	758,302	775,829	752,441	747,662	752,295	743,249	9,012,251
Demand	<u>2,906,269</u>	<u>2,995,985</u>	<u>2,899,328</u>	<u>2,839,667</u>	<u>2,743,691</u>	<u>2,850,714</u>	<u>2,885,339</u>	<u>2,864,301</u>	<u>2,859,392</u>	<u>2,763,971</u>	<u>2,864,300</u>	<u>2,847,284</u>	<u>34,320,237</u>
Total Recoverable Conserv. Expenses	<u>3,637,008</u>	<u>3,729,340</u>	<u>3,700,614</u>	<u>3,572,838</u>	<u>3,479,306</u>	<u>3,599,017</u>	<u>3,643,641</u>	<u>3,640,130</u>	<u>3,611,833</u>	<u>3,511,633</u>	<u>3,616,595</u>	<u>3,590,533</u>	<u>43,332,488</u>

19

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2011 through December 2011

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1. Heating and Cooling (E)	0	55,224	3,840	17,400	0	325,176	480	3,624	0	405,744
2. Prime Time (D)	2,555	183,296	28,000	86,550	0	5,594,968	11,427	40,764	0	5,947,560
3. Energy Audits (E)	0	1,224,588	12,336	337,488	510,796	0	94,360	78,840	0	2,258,408
4. Cogeneration (E)	0	120,624	0	0	0	0	3,000	0	0	123,624
5. Commercial Load Mgmt (D)	78	749	0	0	0	5,810	93	0	0	6,730
6. Commerical Lighting (E)	0	17,729	0	0	0	292,288	360	0	0	310,377
7. Standby Generator (D)	0	48,444	15,000	1,200	0	1,920,000	1,696	0	0	1,986,340
8. Conservation Value (E)	0	7,380	0	0	0	150,153	240	0	0	157,773
9. Duct Repair (E)	0	86,376	0	0	156,516	1,068,408	720	12,108	0	1,324,128
10. Renewable Energy Initiative (E)	0	34,449	200,000	22,203	0	0	540	12,996	(270,188)	0
11. Industrial Load Management (D)	0	14,801	0	0	0	21,000,000	1,200	0	0	21,016,001
12. DSM R&D (D&E) (50% D, 50% E)	0	14,307	0	27,000	0	0	1,360	0	0	42,667
13. Commercial Cooling (E)	0	19,764	0	0	0	47,340	600	0	0	67,704
14. Residential New Construction (E)	0	18,576	0	0	0	418,416	0	120	0	437,112
15. Common Expenses (D&E) (50% D, 50% E)	0	590,304	0	0	0	0	1,320	0	0	591,624
16. Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,172,224	783,957	6,000	346,680	182,688	0	130,764	8,640	0	2,630,953
17. Residential Building Envelope Improvement (E)	0	111,816	0	0	0	740,636	2,460	2,868	0	857,780
18. Educational Energy Awareness (Pilot) (E)	0	0	0	0	0	0	0	0	0	0
19. Residential Low- Income Weatherization (E)	0	38,748	22,152	0	0	0	120	2,550	0	63,570
20. Commerical Duct Repair (E)	0	47,220	0	0	0	1,198,200	1,200	0	0	1,246,620
21. Commerical Building Envelope Improvement (E)	0	11,100	0	0	0	7,548	1,560	0	0	20,208
22. Commerical Energy Efficient Motors (E)	0	1,032	0	0	0	120	45	0	0	1,197
23. Commerical Demand Response (D)	0	16,148	0	3,709,836	0	0	1,800	3,200	0	3,730,984
24. Commerical Chiller Replacement (E)	0	3,192	0	0	0	15,972	300	0	0	19,464
25. Commerical Occupany Sensors (Lighting) (E)	0	9,948	0	0	0	65,376	600	0	0	75,924
26. Commerical Refrigeration (Anti-Condensate) (E)	0	1,668	0	0	0	3,000	300	0	0	4,968
27. Commerical Water Heating (E)	0	1,728	0	0	0	3,000	300	0	0	5,028
28. Total All Programs	<u>1,174,857</u>	<u>3,463,168</u>	<u>287,328</u>	<u>4,548,357</u>	<u>850,000</u>	<u>32,856,411</u>	<u>256,845</u>	<u>165,710</u>	<u>(270,188)</u>	<u>43,332,488</u>
<u>Summary of Demand & Energy</u>										
Energy	586,112	2,505,446	241,328	563,931	758,656	4,335,633	173,907	117,426	(270,188)	9,012,251
Demand	<u>588,745</u>	<u>957,722</u>	<u>46,000</u>	<u>3,984,426</u>	<u>91,344</u>	<u>28,520,778</u>	<u>82,938</u>	<u>48,284</u>	<u>0</u>	<u>34,320,237</u>
Total All Programs	<u>1,174,857</u>	<u>3,463,168</u>	<u>287,328</u>	<u>4,548,357</u>	<u>850,000</u>	<u>32,856,411</u>	<u>256,845</u>	<u>165,710</u>	<u>(270,188)</u>	<u>43,332,488</u>

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011

PRIME TIME

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	138	141	15,545	0	0	0	0	0	0	0	2,455	18,279
3. Depreciation Base		18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	
4. Depreciation Expense		<u>305</u>	<u>304</u>	<u>301</u>	<u>170</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>20</u>	<u>1,387</u>
5. Cumulative Investment	18,280	18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	1
6. Less: Accumulated Deprecia	7,259	<u>7,564</u>	<u>7,730</u>	<u>7,890</u>	<u>(7,485)</u>	<u>(7,444)</u>	<u>(7,403)</u>	<u>(7,362)</u>	<u>(7,321)</u>	<u>(7,280)</u>	<u>(7,239)</u>	<u>(7,198)</u>	<u>(9,633)</u>	<u>(9,633)</u>
7. Net Investment	<u>11,021</u>	<u>10,716</u>	<u>10,412</u>	<u>10,111</u>	<u>9,941</u>	<u>9,900</u>	<u>9,859</u>	<u>9,818</u>	<u>9,777</u>	<u>9,736</u>	<u>9,695</u>	<u>9,654</u>	<u>9,634</u>	<u>9,634</u>
8. Average Investment		10,869	10,564	10,262	10,026	9,921	9,880	9,839	9,798	9,757	9,716	9,675	9,644	
9. Return on Average Investment		65	63	61	60	59	59	59	58	58	58	58	57	715
10. Return Requirements		<u>106</u>	<u>103</u>	<u>100</u>	<u>98</u>	<u>96</u>	<u>96</u>	<u>96</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>93</u>	<u>1,168</u>
11. Total Depreciation and Return		<u>411</u>	<u>407</u>	<u>401</u>	<u>268</u>	<u>137</u>	<u>137</u>	<u>137</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>113</u>	<u>2,555</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480% .

Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011
COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	450	0	0	0	0	0	0	450
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	450	450	450	450	450	450	450	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>52</u>
5. Cumulative Investment	0	0	0	0	0	0	450	450	450	450	450	450	450	450
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>12</u>	<u>20</u>	<u>28</u>	<u>36</u>	<u>44</u>	<u>52</u>	<u>52</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>446</u>	<u>438</u>	<u>430</u>	<u>422</u>	<u>414</u>	<u>406</u>	<u>398</u>	<u>398</u>
8. Average Investment		0	0	0	0	0	223	442	434	426	418	410	402	
9. Return on Average Investment		0	0	0	0	0	1	3	3	3	2	2	2	16
10. Return Requirements		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>26</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>78</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480% .

Return requirements are calculated using an income tax multiplier of 1.634900.

22

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011
PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	2,233,032
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		3,092,684	3,278,770	3,464,856	3,650,942	3,837,028	4,023,114	4,209,200	4,395,286	4,581,372	4,767,458	4,953,544	5,139,630	
4. Depreciation Expense		<u>49,994</u>	<u>53,095</u>	<u>56,197</u>	<u>59,298</u>	<u>62,400</u>	<u>65,501</u>	<u>68,603</u>	<u>71,704</u>	<u>74,805</u>	<u>77,907</u>	<u>81,008</u>	<u>84,110</u>	<u>804,622</u>
5. Cumulative Investment	2,906,598	3,092,684	3,278,770	3,464,856	3,650,942	3,837,028	4,023,114	4,209,200	4,395,286	4,581,372	4,767,458	4,953,544	5,139,630	5,139,630
6. Less: Accumulated Depreciation	507,575	<u>557,569</u>	<u>610,664</u>	<u>666,861</u>	<u>726,159</u>	<u>788,559</u>	<u>854,060</u>	<u>922,663</u>	<u>994,367</u>	<u>1,069,172</u>	<u>1,147,079</u>	<u>1,228,087</u>	<u>1,312,197</u>	<u>1,312,197</u>
7. Net Investment	<u>2,399,023</u>	<u>2,535,115</u>	<u>2,668,106</u>	<u>2,797,995</u>	<u>2,924,783</u>	<u>3,048,469</u>	<u>3,169,054</u>	<u>3,286,537</u>	<u>3,400,919</u>	<u>3,512,200</u>	<u>3,620,379</u>	<u>3,725,457</u>	<u>3,827,433</u>	<u>3,827,433</u>
8. Average Investment		2,467,069	2,601,611	2,733,051	2,861,389	2,986,626	3,108,762	3,227,796	3,343,728	3,456,560	3,566,290	3,672,918	3,776,445	
9. Return on Average Investment		14,674	15,474	16,256	17,020	17,764	18,491	19,199	19,888	20,560	21,212	21,847	22,462	224,847
10. Return Requirements		<u>23,991</u>	<u>25,298</u>	<u>26,577</u>	<u>27,826</u>	<u>29,042</u>	<u>30,231</u>	<u>31,388</u>	<u>32,515</u>	<u>33,614</u>	<u>34,679</u>	<u>35,718</u>	<u>36,723</u>	<u>367,602</u>
Total Depreciation and Return		<u>73,985</u>	<u>78,393</u>	<u>82,774</u>	<u>87,124</u>	<u>91,442</u>	<u>95,732</u>	<u>99,991</u>	<u>104,219</u>	<u>108,419</u>	<u>112,586</u>	<u>116,726</u>	<u>120,833</u>	<u>1,172,224</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480% .

Return requirements are calculated using an income tax multiplier of 1.634900.

DOCKET NO. 100002-EG
ECCR 2011 PROJECTION
EXHIBIT HTB-2, SCHEDULE C-3E, PAGE 1 OF 8

C-3E
Page 1 of 8

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1. Heating & Cooling										
2. Actual	0	44,193	0	11,976	0	523,375	128	2,511	0	582,183
3. Projected	0	32,154	1,600	9,980	0	336,520	125	125	0	380,504
4. Total	0	76,347	1,600	21,956	0	859,895	253	2,636	0	962,687
5. Prime Time										
6. Actual	3,827	159,635	12,253	43,615	0	3,373,583	10,941	22,375	0	3,626,229
7. Projected	2,109	100,295	0	36,250	0	2,321,098	3,275	16,215	0	2,479,242
8. Total	5,936	259,930	12,253	79,865	0	5,694,681	14,216	38,590	0	6,105,471
9. Energy Audits										
10. Actual	0	617,959	12,819	84,168	195,666	0	48,865	33,976	0	993,453
11. Projected	0	493,768	9,920	143,070	230,670	0	37,230	27,285	0	941,943
12. Total	0	1,111,727	22,739	227,238	426,336	0	86,095	61,261	0	1,935,396
13. Cogeneration										
14. Actual	0	67,700	(19)	0	0	0	697	1,062	0	69,440
15. Projected	0	47,415	0	0	0	0	1,000	0	0	48,415
16. Total	0	115,115	(19)	0	0	0	1,697	1,062	0	117,855
17. Commercial Load Management										
18. Actual	18	268	0	0	0	3,434	0	0	0	3,720
19. Projected	0	4,248	0	0	0	2,664	22	0	0	6,934
20. Total	18	4,516	0	0	0	6,098	22	0	0	10,654
21. Commercial Lighting										
22. Actual	0	22,154	0	0	0	197,627	473	0	0	220,254
23. Projected	0	3,449	0	6,508	0	295,000	185	5,000	0	310,142
24. Total	0	25,603	0	6,508	0	492,627	658	5,000	0	530,396
25. Standby Generator										
26. Actual	0	22,532	15,433	2,346	0	937,085	2,409	0	0	979,805
27. Projected	0	10,227	0	500	0	700,000	930	0	0	711,657
28. Total	0	32,759	15,433	2,846	0	1,637,085	3,339	0	0	1,691,462
29. Conservation Value										
30. Actual	0	2,316	0	0	0	66,153	0	0	0	68,469
31. Projected	0	1,548	0	0	0	9,000	60	0	0	10,608
32. Total	0	3,864	0	0	0	75,153	60	0	0	79,077
33. Duct Repair										
34. Actual	0	48,084	340	8,624	34,223	623,241	1,281	6,833	0	722,626
35. Projected	0	47,592	0	0	67,900	479,000	950	4,905	0	600,347
36. Total	0	95,676	340	8,624	102,123	1,102,241	2,231	11,738	0	1,322,973
37. Renewable Energy Initiative										
38. Actual	0	20,898	66,962	990	0	0	155	6,384	(95,389)	0
39. Projected	0	26,460	425,800	1,665	0	0	901	16,155	(470,981)	0
40. Total	0	47,358	492,762	2,655	0	0	1,056	22,539	(566,370)	0
41. Industrial Load Management										
42. Actual	0	10,583	0	0	0	12,999,693	211	0	0	13,010,487
43. Projected	0	6,730	0	0	0	8,700,000	500	0	0	8,707,230
44. Total	0	17,313	0	0	0	21,699,693	711	0	0	21,717,717
45. DSM R&D										
46. Actual	0	30,947	57,703	38,162	0	0	523	2,100	0	129,435
47. Projected	0	27,250	0	0	0	0	1,870	0	0	29,120
48. Total	0	58,197	57,703	38,162	0	0	2,393	2,100	0	158,555
49. Commercial Cooling										
50. Actual	0	7,510	0	0	0	27,615	0	0	0	35,125
51. Projected	0	12,760	0	0	0	21,500	175	0	0	34,435
52. Total	0	20,270	0	0	0	49,115	175	0	0	69,560
53. Residential New Construction										
54. Actual	0	6,950	0	0	0	244,075	70	0	0	251,095
55. Projected	0	5,927	0	0	0	217,906	0	50	0	223,883
56. Total	0	12,877	0	0	0	461,981	70	50	0	474,978
57. Common Expenses										
58. Actual	0	275,102	0	100,299	0	0	850	11,576	0	387,827
59. Projected	0	213,573	0	0	0	0	600	0	0	214,173
60. Total	0	488,675	0	100,299	0	0	1,450	11,576	0	602,000
61. Price Responsive Load Mgmt										
62. Actual	287,031	463,012	15,812	275,024	133,766	0	37,083	93,769	0	1,305,497
63. Projected	312,057	286,941	12,875	106,950	166,600	0	23,905	71,020	0	980,348
64. Total	599,088	749,953	28,687	381,974	300,366	0	60,988	164,789	0	2,285,845
65. Residential Building Improvement										
66. Actual	0	57,361	343	3,515	0	422,893	1,774	1,135	0	487,021
67. Projected	0	41,861	0	0	0	136,000	1,375	182,050	0	361,286
68. Total	0	99,222	343	3,515	0	558,893	3,149	183,185	0	848,307

DOCKET NO. 100002-EG
ECCR 2011 PROJECTION
EXHIBIT HTB-2, SCHEDULE C-3E, PAGE 2 OF 8

C-3E
Page 2 of 8

TAMPA ELECTRIC COMPANY
Conservation Program Costs Continued

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
69. Educational Energy Awareness (Pilot)										
70. Actual	0	1,163	45,195	4,222	0	0	644	6,295	0	57,519
71. Projected	0	0	30	2,000	0	0	0	90	0	2,120
72. Total	0	1,163	45,225	6,222	0	0	644	6,385	0	59,639
73. Residential Low- Income Weatherization										
74. Actual	0	3,299	100	0	0	3,065	3	162	0	6,629
75. Projected	0	25,382	16,665	0	0	0	0	0	0	42,047
76. Total	0	28,681	16,765	0	0	3,065	3	162	0	48,676
77. Commerical Duct Repair										
78. Actual	0	8,872	0	0	0	699,000	202	426	0	708,500
79. Projected	0	20,491	0	0	0	450,000	275	0	0	470,766
80. Total	0	29,363	0	0	0	1,149,000	477	426	0	1,179,266
81. Commerical Building Improvement										
82. Actual	0	3,737	0	0	0	1,016	0	0	0	4,753
83. Projected	0	5,287	0	0	0	4,240	300	0	0	9,827
84. Total	0	9,024	0	0	0	5,256	300	0	0	14,580
85. Commerical Energy Efficient Motors										
86. Actual	0	409	0	0	0	69	0	0	0	478
87. Projected	0	2,499	0	0	0	625	100	0	0	3,224
88. Total	0	2,908	0	0	0	694	100	0	0	3,702
89. Commerical Demand Response										
90. Actual	0	9,517	0	2,309,839	0	0	399	1,955	0	2,321,710
91. Projected	0	3,365	0	1,400,000	0	0	800	0	0	1,404,165
92. Total	0	12,882	0	3,709,839	0	0	1,199	1,955	0	3,725,875
93. Commerical Chiller Replacement										
94. Actual	0	3,982	0	0	0	9,317	0	0	0	13,299
95. Projected	0	1,225	0	0	0	16,000	125	0	0	17,350
96. Total	0	5,207	0	0	0	25,317	125	0	0	30,649
97. Commerical Occupany Sensors (Lighting)										
98. Actual	0	6,884	0	0	0	38,136	106	0	0	45,126
99. Projected	0	4,708	0	0	0	18,500	65	0	0	23,273
100. Total	0	11,592	0	0	0	56,636	171	0	0	68,399
101. Commerical Refrigeration (Anti-Condensate)										
102. Actual	0	135	0	0	0	0	0	0	0	135
103. Projected	0	675	0	12	0	500	125	0	0	1,312
104. Total	0	810	0	12	0	500	125	0	0	1,447
105. Commerical Water Heating										
106. Actual	0	135	0	0	0	0	0	0	0	135
107. Projected	0	707	0	0	0	600	125	0	0	1,432
108. Total	0	842	0	0	0	600	125	0	0	1,567
109. Total All Programs	<u>605,042</u>	<u>3,321,874</u>	<u>693,831</u>	<u>4,589,715</u>	<u>828,825</u>	<u>33,878,530</u>	<u>181,832</u>	<u>513,454</u>	<u>(566,370)</u>	<u>44,046,733</u>

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

PRIME TIME

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		50,333	7,602	1,135	203	386	0	208	0	181	102	85	0	60,235
3. Depreciation Base		28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	
4. Depreciation Expense		<u>889</u>	<u>406</u>	<u>334</u>	<u>322</u>	<u>317</u>	<u>314</u>	<u>313</u>	<u>311</u>	<u>309</u>	<u>307</u>	<u>305</u>	<u>305</u>	<u>4,432</u>
5. Cumulative Investment	<u>78,515</u>	28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	18,280
6. Less: Accumulated Depreciation	<u>63,062</u>	<u>13,618</u>	<u>6,422</u>	<u>5,621</u>	<u>5,740</u>	<u>5,671</u>	<u>5,985</u>	<u>6,090</u>	<u>6,401</u>	<u>6,529</u>	<u>6,734</u>	<u>6,954</u>	<u>7,259</u>	<u>7,259</u>
7. Net Investment	<u>15,453</u>	<u>14,564</u>	<u>14,158</u>	<u>13,824</u>	<u>13,502</u>	<u>13,185</u>	<u>12,871</u>	<u>12,558</u>	<u>12,247</u>	<u>11,938</u>	<u>11,631</u>	<u>11,326</u>	<u>11,021</u>	<u>11,021</u>
8. Average Investment		15,009	14,361	13,991	13,663	13,344	13,028	12,715	12,403	12,093	11,785	11,479	11,174	
9. Return on Average Investment		89	85	83	81	79	77	76	74	72	70	68	66	920
10. Return Requirements		<u>146</u>	<u>139</u>	<u>136</u>	<u>132</u>	<u>129</u>	<u>126</u>	<u>124</u>	<u>121</u>	<u>118</u>	<u>114</u>	<u>111</u>	<u>108</u>	<u>1,504</u>
11. Total Depreciation and Return		<u>1,035</u>	<u>545</u>	<u>470</u>	<u>454</u>	<u>446</u>	<u>440</u>	<u>437</u>	<u>432</u>	<u>427</u>	<u>421</u>	<u>416</u>	<u>413</u>	<u>5,936</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480%.

Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

COMMERCIAL LOAD MANAGEMENT

1

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	324	0	0	0	0	0	0	0	0	324
3. Depreciation Base		324	324	324	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		5	5	5	3	0	0	0	0	0	0	0	0	18
5. Cumulative Investment	324	324	324	324	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	306	311	316	321	0	0	0	0	0	0	0	0	0	0
7. Net Investment	18	13	8	3	0	0	0	0	0	0	0	0	0	0
8. Average Investment		16	11	6	2	0	0	0	0	0	0	0	0	
9. Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
11. Total Depreciation and Return		5	5	5	3	0	0	0	0	0	0	0	0	18

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480% .

Return requirements are calculated using an income tax multiplier of 1.634900.

27

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		250,069	99,373	217,670	103,400	173,942	79,673	158,072	158,072	158,072	158,072	158,072	158,072	1,872,560
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,116,238	2,274,310	2,432,382	2,590,454	2,748,526	2,906,598	
4. Depreciation Expense		<u>19,318</u>	<u>22,230</u>	<u>24,872</u>	<u>27,548</u>	<u>29,859</u>	<u>31,972</u>	<u>33,953</u>	<u>36,588</u>	<u>39,222</u>	<u>41,857</u>	<u>44,492</u>	<u>47,126</u>	<u>399,037</u>
5. Cumulative Investment	1,034,039	1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,116,238	2,274,310	2,432,382	2,590,454	2,748,526	2,906,598	2,906,598
6. Less: Accumulated Depreciation	108,538	<u>127,856</u>	<u>150,086</u>	<u>174,958</u>	<u>202,506</u>	<u>232,365</u>	<u>264,337</u>	<u>298,290</u>	<u>334,878</u>	<u>374,100</u>	<u>415,957</u>	<u>460,449</u>	<u>507,575</u>	<u>507,575</u>
7. Net Investment	<u>925,501</u>	<u>1,156,252</u>	<u>1,233,395</u>	<u>1,426,193</u>	<u>1,502,045</u>	<u>1,646,128</u>	<u>1,693,829</u>	<u>1,817,948</u>	<u>1,939,432</u>	<u>2,058,282</u>	<u>2,174,497</u>	<u>2,288,077</u>	<u>2,399,023</u>	<u>2,399,023</u>
8. Average Investment		1,040,877	1,194,824	1,329,794	1,464,119	1,574,087	1,669,979	1,755,889	1,878,690	1,998,857	2,116,390	2,231,287	2,343,550	
9. Return on Average Investment		6,191	7,107	7,910	8,709	9,363	9,933	10,444	11,174	11,889	12,588	13,272	13,939	122,519
10. Return Requirements		<u>10,122</u>	<u>11,619</u>	<u>12,932</u>	<u>14,238</u>	<u>15,308</u>	<u>16,239</u>	<u>17,075</u>	<u>18,268</u>	<u>19,437</u>	<u>20,580</u>	<u>21,698</u>	<u>22,789</u>	<u>200,305</u>
Total Depreciation and Return		<u>29,440</u>	<u>33,849</u>	<u>37,804</u>	<u>41,786</u>	<u>45,167</u>	<u>48,211</u>	<u>51,028</u>	<u>54,856</u>	<u>58,659</u>	<u>62,437</u>	<u>66,190</u>	<u>69,915</u>	<u>599,342</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480%.

Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1 Heating and Cooling	61,420	69,661	47,106	77,801	88,870	108,910	128,415	76,392	76,028	76,028	76,028	76,028	962,687
2 Prime Time	612,868	609,076	593,336	444,194	447,108	454,984	464,663	459,294	461,256	459,427	558,170	541,095	6,105,471
3 Energy Audits	91,466	106,907	138,008	123,334	153,917	112,695	267,126	216,673	192,282	177,382	177,382	178,224	1,935,396
4 Cogeneration	8,270	9,406	9,837	10,629	7,498	8,509	15,291	9,683	9,683	9,683	9,683	9,683	117,855
5 Commercial Load Management	5	5	5	891	888	1,043	883	1,063	1,878	2,013	990	990	10,654
6 Commercial Lighting	8,289	36,430	2,343	68,870	36,116	20,279	47,927	53,918	54,901	54,901	109,021	37,401	530,396
7 Standby Generator	147,527	140,543	140,015	136,493	145,304	133,342	136,581	141,999	142,356	142,356	142,356	142,590	1,691,462
8 Conservation dalue	211	538	491	66,434	140	468	187	3,222	3,222	3,222	202	740	79,077
9 Duct Repair	127,196	53,566	205,987	61,999	101,390	106,113	66,375	117,371	120,744	120,744	120,744	120,744	1,322,973
10 Renewable Energy Initiatide	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Industrial Load Management	1,683,623	1,807,256	2,023,648	1,929,920	1,955,475	1,851,331	1,759,234	1,801,446	1,801,446	1,701,446	1,701,446	1,701,446	21,717,717
12 DSM R&D	36,482	33,438	35,331	12,375	5,263	4,561	1,985	5,824	5,824	5,824	5,824	5,824	158,555
13 Commercial Cooling	669	2,614	1,848	6,021	5,227	15,749	2,997	5,155	7,320	7,320	7,320	7,320	69,560
14 Residential New Construction	26,931	30,485	35,015	862	32,632	89,149	36,021	145	1,458	1,458	110,411	110,411	474,978
15 Common Expenses	26,413	63,593	36,384	79,526	50,973	44,744	86,194	43,012	42,824	42,743	42,797	42,797	602,000
16 Price Responside Load Mgmt	110,300	156,378	180,654	211,456	187,764	193,305	265,640	178,898	172,044	184,075	220,803	224,528	2,285,845
17 Residential Building Improvement	62,485	72,288	55,404	63,342	87,851	86,224	59,427	72,663	72,787	72,787	71,962	71,087	848,307
18 Educational Energy Awareness	990	4,449	5,399	9,409	35,469	3,477	(1,674)	2,040	40	40	0	0	59,639
19 Residential Low- Income Weatherization	307	452	670	764	527	349	3,560	3,333	7,660	7,660	7,660	15,734	48,676
20 Commerical Duct Repair	40,563	62,942	83,500	91,186	121,516	108,049	200,744	93,514	93,842	93,842	93,842	95,726	1,179,266
21 Commerical Building Imprdement	814	1,018	1,083	301	519	328	690	2,035	1,948	1,948	1,948	1,948	14,580
22 Commerical Energy Efficient Motors	0	0	47	41	69	0	321	576	662	662	662	662	3,702
23 Commerical Demand Response	500,754	259,798	250,792	499,064	2,361	527,329	281,612	280,923	280,773	280,773	280,923	280,773	3,725,875
24 Commerical Chiller Replacement	340	6,066	538	269	710	1,906	3,470	3,394	3,489	3,489	3,489	3,489	30,649
25 Commerical Occupany Sensors (Lighting)	543	20,853	2,501	2,120	7,890	4,964	6,255	4,533	4,685	4,685	4,685	4,685	68,399
26 Commerical Refrigeration (Anti-Condensate)	0	0	94	0	0	0	41	260	263	263	263	263	1,447
27 Commerical Water Heating	0	0	94	0	0	0	41	280	288	288	288	288	1,567
28 Total	3,548,466	3,547,762	3,850,130	3,897,301	3,475,477	3,877,808	3,834,006	3,577,646	3,559,703	3,455,059	3,748,899	3,674,476	44,046,733
29 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conservation Expenses	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,577,646</u>	<u>3,559,703</u>	<u>3,455,059</u>	<u>3,748,899</u>	<u>3,674,476</u>	<u>44,046,733</u>

29

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	<u>3,822,263</u>	<u>3,451,171</u>	<u>3,325,129</u>	<u>2,976,662</u>	<u>3,409,618</u>	<u>4,113,384</u>	<u>4,154,979</u>	<u>4,224,956</u>	<u>4,261,929</u>	<u>3,902,188</u>	<u>3,364,576</u>	<u>3,308,616</u>	<u>44,315,471</u>
3. Total Revenues	3,822,263	3,451,171	3,325,129	2,976,662	3,409,618	4,113,384	4,154,979	4,224,956	4,261,929	3,902,188	3,364,576	3,308,616	44,315,471
4. Prior Period True-up	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(1,434,024)</u>
5. Conservation Revenue Applicable to Period	3,702,761	3,331,669	3,205,627	2,857,160	3,290,116	3,993,882	4,035,477	4,105,454	4,142,427	3,782,686	3,245,074	3,189,114	42,881,447
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,577,646</u>	<u>3,559,703</u>	<u>3,455,059</u>	<u>3,748,899</u>	<u>3,674,476</u>	<u>44,046,733</u>
7. True-up This Period (Line 5 - Line 6)	154,295	(216,093)	(644,503)	(1,040,141)	(185,361)	116,074	201,471	527,808	582,724	327,627	(503,825)	(485,362)	(1,165,286)
8. Interest Provision This Period (C-3, Page 6, Line 10)	(221)	(205)	(274)	(404)	(657)	(769)	(617)	(511)	(365)	(193)	(183)	(296)	(4,695)
9. True-up & Interest Provision Beginning of Period	(1,434,024)	(1,160,448)	(1,257,244)	(1,782,519)	(2,703,562)	(2,770,078)	(2,535,271)	(2,214,915)	(1,568,116)	(866,255)	(419,319)	(803,825)	(1,434,024)
10. Prior Period True-up Collected/(Refunded)	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>1,434,024</u>
11. End of Period Total Net True-up	<u>(1,160,448)</u>	<u>(1,257,244)</u>	<u>(1,782,519)</u>	<u>(2,703,562)</u>	<u>(2,770,078)</u>	<u>(2,535,271)</u>	<u>(2,214,915)</u>	<u>(1,568,116)</u>	<u>(866,255)</u>	<u>(419,319)</u>	<u>(803,825)</u>	<u>(1,169,981)</u>	<u>(1,169,981)</u>

* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	12,315,494	0.68	(795,587)
Energy	<u>5,838,616</u>	<u>0.32</u>	<u>(374,394)</u>
Total	<u>18,154,110</u>	<u>1.00</u>	<u>(1,169,981)</u>

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	(\$1,434,024)	(\$1,160,448)	(\$1,257,244)	(\$1,782,519)	(\$2,703,562)	(\$2,770,078)	(\$2,535,271)	(\$2,214,915)	(\$1,568,116)	(\$866,255)	(\$419,319)	(\$803,825)	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>(1,160,227)</u>	<u>(1,257,039)</u>	<u>(1,782,245)</u>	<u>(2,703,158)</u>	<u>(2,769,421)</u>	<u>(2,534,502)</u>	<u>(2,214,298)</u>	<u>(1,567,605)</u>	<u>(865,890)</u>	<u>(419,126)</u>	<u>(803,642)</u>	<u>(1,169,685)</u>	
3. Total Beginning & Ending True-up	<u>(\$2,594,251)</u>	<u>(\$2,417,487)</u>	<u>(\$3,039,489)</u>	<u>(\$4,485,677)</u>	<u>(\$5,472,983)</u>	<u>(\$5,304,580)</u>	<u>(\$4,749,569)</u>	<u>(\$3,782,520)</u>	<u>(\$2,434,006)</u>	<u>(\$1,285,381)</u>	<u>(\$1,222,961)</u>	<u>(\$1,973,510)</u>	
4. Average True-up Amount (50% of Line 3)	<u>(\$1,297,126)</u>	<u>(\$1,208,744)</u>	<u>(\$1,519,745)</u>	<u>(\$2,242,839)</u>	<u>(\$2,736,492)</u>	<u>(\$2,652,290)</u>	<u>(\$2,374,785)</u>	<u>(\$1,891,260)</u>	<u>(\$1,217,003)</u>	<u>(\$642,691)</u>	<u>(\$611,481)</u>	<u>(\$986,755)</u>	
5. Interest Rate - First Day of Month	<u>0.200%</u>	0.200%	0.210%	0.210%	0.230%	0.340%	0.350%	0.280%	0.360%	0.360%	0.360%	0.360%	
6. Interest Rate - First Day of Next Month	<u>0.200%</u>	<u>0.210%</u>	<u>0.210%</u>	<u>0.230%</u>	<u>0.340%</u>	<u>0.350%</u>	<u>0.280%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
7. Total (Line 5 + Line 6)	<u>0.400%</u>	<u>0.410%</u>	<u>0.420%</u>	<u>0.440%</u>	<u>0.570%</u>	<u>0.690%</u>	<u>0.630%</u>	<u>0.640%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.200%</u>	<u>0.205%</u>	<u>0.210%</u>	<u>0.220%</u>	<u>0.285%</u>	<u>0.345%</u>	<u>0.315%</u>	<u>0.320%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.017%</u>	<u>0.017%</u>	<u>0.018%</u>	<u>0.018%</u>	<u>0.024%</u>	<u>0.029%</u>	<u>0.026%</u>	<u>0.027%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>(\$221)</u>	<u>(\$205)</u>	<u>(\$274)</u>	<u>(\$404)</u>	<u>(\$657)</u>	<u>(\$769)</u>	<u>(\$617)</u>	<u>(\$511)</u>	<u>(\$365)</u>	<u>(\$193)</u>	<u>(\$183)</u>	<u>(\$296)</u>	<u>(\$4,695)</u>

TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

(1)	(2)	(3)	(4)
Months	Firm MWH Sales	Interruptible MWH Sales	Clause Revenue Net of Revenue Taxes
January	1,639,971	-	3,822,263
February	1,461,111	-	3,451,171
March	1,431,325	-	3,325,129
April	1,333,353	-	2,976,662
May	1,503,716	-	3,409,618
June	1,831,356	-	4,113,384
July	1,841,654	-	4,154,979
August	1,829,448	-	4,224,956
September	1,846,549	-	4,261,929
October	1,663,376	-	3,902,188
November	1,414,862	-	3,364,576
December	1,394,178	-	3,308,616
Total	<u>19,190,900</u>	<u>0</u>	<u>44,315,471</u>

PROGRAM DESCRIPTION AND PROGRESS

Program Title: HEATING AND COOLING

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

Program Projections: January 1, 2010 to December 31, 2010

There are 5,000 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 2,000 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$962,687.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$405,744.

**Program Progress
Summary:**

Through December 31, 2009, there were 167,446 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRIME TIME

Program Description: This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating and pool pumps. Participating customers receive monthly credits on their electric bills.

Program Projections: January 1, 2010 to December 31, 2010

There are 45,620 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 43,520 projected customers for this program on a cumulative basis.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Estimated expenditures are \$6,105,471.

January 1, 2011 to December 31, 2011

Estimated expenditures are \$5,947,560.

**Program Progress
Summary:**

There were 48,080 cumulative customers participating through December 31, 2009.

Breakdown is as follows:

Water Heating	43,807
Air Conditioning	32,760
Heating	34,190
Pool Pump	9,927

Per Commission Order No. PSC- 05-0181-PAA-EG issued February 16, 2005, Prime Time is closed to new participants.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY AUDITS

Program Description: These are on-site, on-line and phone-in audits of residential, commercial and industrial premises that instruct customers on how to use conservation measures and practices to reduce their energy usage.

Program Projections: January 1, 2010 to December 31, 2010

Residential – 11,105 (RCS - 0; Free -9,500; On-line – 1,600, Phone-in 5)

Comm/Ind – 800 (Paid - 0; Free – 800)

January 1, 2011 to December 31, 2011

Residential – 10,820 (RCS - 0; Free – 9,000; On-line – 1,800, Phone-in 20)

Comm/Ind – 1,201 (Paid - 1 Free – 1,200)

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are expected to be \$1,935,396.

January 1, 2011 to December 31, 2011

Expenditures are expected to be \$2,258,408.

**Program Progress
Summary:**

Through December 31, 2009 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	255,214
Residential Cust. Assisted ⁽¹⁾	114,662
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	19,167
Commercial Mail-in	1,477

⁽¹⁾ Includes Mail-in and On-line audits. Mail-in audit program phased out on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

Program Description: This program encourages the development of cost-effective commercial and industrial cogeneration facilities through standard offers and negotiation of contracts for the purchase of firm capacity and energy.

Program Projections: January 1, 2010 to December 31, 2010

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric is currently working with a customer to evaluate the economics of additional capacity in 2011, but a final decision will not be made for several months. In addition, nearly 10 MW of cogeneration capacity was added in 2010, as previously planned. However, approximately 40 MW of customer cogeneration will be supplied to another utility, as its purchase power agreement with Tampa Electric expired in 2010.

January 1, 2011 to December 31, 2011

The development and publication of the 20-Year Cogeneration Forecast will occur in.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$117,855.

January 1, 2011 to December 31, 2011

Expenditures are estimated to be \$123,624.

**Program Progress
Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 2011 will be approximately 561 MW. This is a decrease of 40 MW due to the expiration of a purchase power agreement noted above.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in our service area.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LOAD MANAGEMENT

Program Description: This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

Program Projections: January 1, 2010 to December 31, 2010

There are no new installations expected.

January 1, 2011 to December 31, 2011

One installation is expected.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenses of \$10,654 are estimated.

January 1, 2011 to December 31, 2011

Expenses of \$6,730 are estimated.

**Program Progress
Summary:**

Through December 31, 2009 there were seven commercial installations in service.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LIGHTING

Program Description: This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

Program Projections: January 1, 2010 to December 31, 2010

During this period, 150 customers are expected to participate.

January 1, 2011 to December 31, 2011

During this period, 51 customers are expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$530,396.

January 1, 2011 to December 31, 2011

Expenditures estimated for this period are \$310,377.

**Program Progress
Summary:**

Through December 31, 2009, there were 1,282 customers that participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

Program Description: This is a program designed to utilize the emergency generation capacity at firm commercial/industrial facilities in order to reduce weather-sensitive peak demand.

Program Projections: January 1, 2010 to December 31, 2010

Five installations are expected.

January 1, 2011 to December 31, 2011

One installation is expected.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,691,462.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,986,340.

**Program Progress
Summary:**

Through December 31, 2009, there are 84 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: CONSERVATION VALUE

Program Description: This is an incentive program for firm commercial/industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

Program Projections: January 1, 2010 to December 31, 2010

One customer is expected to participate during this period.

January 1, 2011 to December 31, 2011

Two customers are expected to participate during this period.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Estimated expenses are \$79,077.

January 1, 2011 to December 31, 2011

Estimated expenses are \$157,773.

**Program Progress
Summary:**

Through December 31, 2009, there were 31 customers that earned incentive dollars. Tampa Electric continues to work with customers on evaluations of various measures.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DUCT REPAIR

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

Program Projections: January 1, 2010 to December 31, 2010

There are 6,200 repairs projected to be made.

January 1, 2011 to December 31, 2011

There are 6,202 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,322,973.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,324,128.

**Program Progress
Summary:**

Through December 31, 2009, there are 78,666 customers that have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY PROGRAM

Program Description: This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

Program Projections: January 1, 2010 to December 31, 2010

There are 2,641 customers with 3,719 subscribed blocks estimated for this period on a cumulative basis.

There are 800 blocks estimated to be purchased for this period on a one time basis.

January 1, 2011 to December 31, 2011

There are 2,700 customers with 4,000 subscribed blocks estimated for this period on a cumulative basis.

There are 1,000 blocks estimated to be purchased for this period on a one time basis.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

For the period, the company anticipated excess revenues of approximately \$207,000 to be used for new renewable generation.

January 1, 2011 to December 31, 2011

For the period, expenditures are estimated to be \$270,188.

For the period, revenues and expenses are projected to be the same.

**Program Progress
Summary:**

Through December 31, 2009, there were 2,730 customers with 3,822 blocks subscribed. In addition, there were 1,376 blocks of renewable energy purchased on a one time basis.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INDUSTRIAL LOAD MANAGEMENT

Program Description: This is a load management program for large industrial customers with interruptible loads of 500 kW or greater.

Program Projections: January 1, 2010 to December 31, 2010

No new customers are expected to participate.

January 1, 2011 to December 31, 2011

No new customers are expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$21,717,717.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$21,016,001.

**Program Progress
Summary:**

Through December 31, 2009, there are 56 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DSM RESEARCH AND DEVELOPMENT (R&D)

Program Description: This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

Program Projections: See Program Progress Summary.

Program Fiscal Expenditures: January 1, 2010 to December 31, 2010

Expenditures are estimated at \$158,555.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$42,667.

Program Progress Summary:

For 2010, Tampa Electric continues its pilot program to evaluate the feasibility of a commercial price responsive load management rate. The project was approved by the Commission as Docket No. 090228-EG, Order No. PSC-09-0501-TRF-EG, issued July 15, 2009.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOLING

Program Description: This is an incentive program to encourage the installation of high efficiency direct expansion and Package Terminal Air Conditioning commercial air conditioning equipment.

Program Projections: January 1, 2010 to December 31, 2010

There are 141 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 135 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$69,560.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$67,704.

**Program Progress
Summary:**

Through December 31, 2009, there were 1,121 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY PLUS HOMES

Program Description: This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.

Program Projections: January 1, 2010 to December 31, 2010

There are 600 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 734 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$474,978.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$437,112.

**Program Progress
Summary:**

Through December 31, 2009, a total of 297 approved homes have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$602,000.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$591,624.

**Program Progress
Summary:**

N/A

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRICE RESPONSIVE LOAD MANAGEMENT

Program Description: A load management program designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.

Program Projections: January 1, 2010 to December 31, 2010

There are 1,480 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 2,500 projected customers for this program on a cumulative basis.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$2,285,845.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$2,630,953.

**Program Progress
Summary:**

Through December 31, 2009, there were 674 participating customers.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing residences in the areas of ceiling insulation, wall insulation, and window improvements.

Program Projections: January 1, 2010 to December 31, 2010

Ceiling Insulation – 1,960
Wall Insulation - 9
Window Upgrades – 1,200
Window Film - 555

January 1, 2011 to December 31, 2011

Ceiling Insulation – 1,900
Wall Insulation - 10
Window Upgrades – 1,150
Window Film - 565

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$848,307.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$857,780.

**Program Progress
Summary:**

Through December 31, 2009, there were 85,202 customers that participated in the company's residential building envelope improvement program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: EDUCATIONAL EDUCATION OUTREACH

Program Description: A three year pilot program designed to save demand and energy by increasing customer awareness of energy use in personal residences. This program is aimed at schools within the Tampa Electric service area and designed to educate students on energy awareness through scripted, professionally written presentations using humor, interactive theater and classroom guides to teach students the benefits of energy efficiency.

Program Projections: January 1, 2010 to December 31, 2010.

51 program presentations are projected to be completed for Hillsborough County schools for the 2009 – 2010 school year.

January 1, 2011 to December 31, 2011.

Pilot program terminates on October 15, 2010, per Commission ruling in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$59,639.

January 1, 2011 to December 31, 2011

No expenditures are estimated.

**Program Progress
Summary:**

Through 2009, Tampa Electric partnered with 16 local schools to present the pilot program to 13,820 students in 612 classes, resulting in 59 additional audits being completed.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL LOW-INCOME WEATHERIZATION

Program Description: A program designed to assist low-income families in reducing their energy usage by providing and/or installing the necessary materials for the various conservation measures, as well as educating families on energy conservation techniques that promote behavioral changes to help customers control their energy usage.

Program Projections: January 1, 2010 to December 31, 2010

There are 74 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 100 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$48,676.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$63,570.

**Program Progress
Summary:**

Through December 31, 2009, a total of 333 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DUCT REPAIR

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks for commercial HVAC units less than or equal to 65,000 Btu/h by offering incentives to encourage the repair of the air distribution system in commercial facilities.

Program Projections: January 1, 2010 to December 31, 2010

There are 5,745 repairs expected to be made.

January 1, 2011 to December 31, 2011

There are 5,991 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,179,266.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,246,620.

**Program Progress
Summary:**

Through December 31, 2009, a total of 1,237 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing commercial facilities in the areas of ceiling insulation, wall insulation and window improvements.

Program Projections: January 1, 2010 to December 31, 2010

Ceiling Insulation – 5
Wall Insulation - 1
Window Film - 15

January 1, 2011 to December 31, 2011

Ceiling Insulation - 5
Wall Insulation - 1
Window Film - 20

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$14,580.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$20,208.

**Program Progress
Summary:**

Through December 31, 2009, a total of 36 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY EFFICIENT MOTORS

Program Description: This is a commercial/industrial conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency motors at existing commercial/industrial facilities.

Program Projections: January 1, 2010 to December 31, 2010

There are eight motors projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are four motors projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,702.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,197.

**Program Progress
Summary:**

Through December 31, 2009, a total of seven customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DEMAND RESPONSE

Program Description: Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks.

Program Projections: January 1, 2010 to December 31, 2010

There are 35 MW of demand response available for control.

January 1, 2011 to December 31, 2011

There are 35 MW of demand response projected to be available for control.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,725,875.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$3,730,984.

**Program Progress
Summary:**

Tampa Electric is currently subscribed for 35 MW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CHILLER REPLACEMENT

Program Description: This is an incentive program to encourage the installation of high efficiency air and water cooled chilled commercial air conditioning equipment.

Program Projections: January 1, 2010 to December 31, 2010

There are six units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are three units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$30,649.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$19,464.

**Program Progress
Summary:**

Through December 31, 2009, a total of 20 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL OCCUPANCY SENSORS (LIGHTING)

Program Description: This program is aimed at reducing the growth of peak demand and energy by providing an incentive to encourage commercial/industrial customers to install occupancy sensors in any area where indoor lights would be used on peak.

Program Projections: January 1, 2010 to December 31, 2010

There are 53 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 62 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$68,399.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$75,924.

**Program Progress
Summary:**

Through December 31, 2009, a total of 23 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL REFRIGERATION (ANTI-CONDENSATE)

Program Description: This program is designed to reduce the peak demand and energy consumption for commercial/industrial customers by increasing the use of efficient refrigeration controls and equipment.

Program Projections: January 1, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are three units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,447.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$4,968.

**Program Progress
Summary:**

Through December 31, 2009, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WATER HEATING

Program Description: This is a conservation program designed to reducing future growth of demand and energy consumption by encouraging commercial/industrial customers to install high efficiency water heating systems.

Program Projections: January 1, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are five units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,567.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$5,028.

**Program Progress
Summary:**

Through December 31, 2009, no customers have participated in this program.

**RESIDENTIAL SERVICE
2011 VARIABLE PRICING (RSVP-1) RATES
Existing 2005-2014 DSM Plan
CENTS PER KWH**

Rate Tiers	<u>Base Rate</u>	<u>Fuel</u>	<u>Capacity</u>	<u>Environmental</u>	<u>Conservation</u>	<u>Total Clauses</u>	<u>Base Rate Plus Clauses</u>
P4	4.845	4.225	0.336	0.404	33.546	38.511	43.356
P3	4.845	4.225	0.336	0.404	5.986	10.951	15.796
P2	4.845	4.225	0.336	0.404	(0.787)	4.178	9.023
P1	4.845	4.225	0.336	0.404	(1.452)	3.513	8.358

C-1P
Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2011 through December 2011

1. Total Incremental Cost (C-2, Page 1, Line 17)	53,297,809
2. Demand Related Incremental Costs	34,340,568
3. Energy Related Incremental Costs	18,957,241

RETAIL BY RATE CLASS

	RS	GS, TS	GSD, SBF STANDARD	GSD OPTIONAL	IS	LS1	Total
4. Demand Allocation Percentage	54.30%	5.69%	33.90%	1.81%	3.97%	0.33%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	18,646,928	1,953,978	11,641,453	621,564	1,363,321	113,324	<u>34,340,568</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>742,367</u>	<u>77,791</u>	<u>463,467</u>	<u>24,746</u>	<u>54,276</u>	<u>4,512</u>	<u>1,367,158</u>
7. Total Demand Related Incremental Costs	<u>19,389,295</u>	<u>2,031,770</u>	<u>12,104,919</u>	<u>646,310</u>	<u>1,417,597</u>	<u>117,835</u>	<u>35,707,726</u>
8. Energy Allocation Percentage	46.99%	5.64%	38.62%	2.06%	5.46%	1.23%	100.00%
9. Net Energy Related Incremental Costs	8,908,008	1,069,188	7,321,286	390,519	1,035,065	233,174	<u>18,957,241</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>202,872</u>	<u>24,350</u>	<u>166,736</u>	<u>8,894</u>	<u>23,573</u>	<u>5,310</u>	<u>431,734</u>
11. Total Net Energy Related Incremental Costs	<u>9,110,879</u>	<u>1,093,538</u>	<u>7,488,022</u>	<u>399,413</u>	<u>1,058,638</u>	<u>238,484</u>	<u>19,388,975</u>
12. Total Incremental Costs (Line 5 + 9)	27,554,936	3,023,167	18,962,739	1,012,083	2,398,386	346,498	53,297,809
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>945,239</u>	<u>102,141</u>	<u>630,202</u>	<u>33,639</u>	<u>77,849</u>	<u>9,822</u>	<u>1,798,892</u>
14. Total (Line 12 + 13)	<u>28,500,175</u>	<u>3,125,308</u>	<u>19,592,941</u>	<u>1,045,723</u>	<u>2,476,235</u>	<u>356,320</u>	<u>55,096,701</u>
15. Retail MWH Sales	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
16. Effective MWH at Secondary	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
17. Projected Billed KW at Meter	*	*	17,347,485	*	2,462,951	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.32156	0.29356	*	0.26810	*	0.15361	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.3218	0.2938	*	0.2683	*	0.1537	
21. Conservation Adjustment Factor (cents/KWH)							
<u>RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *</u>							
- Secondary	<u>0.322</u>	<u>0.294</u>		<u>0.268</u>		<u>0.154</u>	
- Primary				<u>0.265</u>			
- Subtransmission				<u>0.263</u>			
<u>GSD, SBF, IS Standard Rates (\$/KW) *</u>							
<u>Full Requirement</u>							
- Secondary	*	*	<u>1.13</u>	*	<u>1.01</u>	*	
- Primary	*	*	<u>1.12</u>	*	<u>1.00</u>	*	
- Subtransmission	*	*	<u>1.11</u>	*	<u>0.99</u>	*	

*(ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY
Conservation Program Costs
Estimated for Months January 2011 through December 2011
ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	1,148,136
2 Prime Time (D)	603,145	585,160	579,306	430,336	430,762	441,237	468,175	450,123	447,039	445,250	541,758	525,269	5,947,560
3 Energy Audits (E)	283,237	283,238	283,240	283,237	283,240	294,237	304,239	319,238	294,239	283,239	283,238	252,549	3,447,171
4 Cogeneration (E)	10,227	10,227	10,227	10,427	10,427	10,427	10,427	10,427	10,427	10,227	10,227	10,227	123,924
5 Commercial Load Mgmt (D)	40	161	80	870	991	876	963	883	883	881	51	51	6,730
6 Commercial Lighting (E)	42,607	42,606	42,607	42,606	42,607	42,606	42,607	42,606	42,607	42,606	44,760	32,398	503,223
7 Standby Generator (D)	162,790	169,921	177,421	164,539	164,539	162,790	170,390	162,790	162,790	162,790	162,790	162,790	1,986,340
8 Conservation Value (E)	7,635	7,635	73,788	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	157,773
9 Duct Repair (E)	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	2,889,228
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative (E)	125,439	125,440	125,439	125,440	125,439	127,455	129,455	129,430	129,407	129,383	129,357	129,334	1,531,018
12 Industrial Load Management (D)	1,700,773	1,800,773	1,700,773	1,802,118	1,702,118	1,802,118	1,802,118	1,802,118	1,800,773	1,700,773	1,700,773	1,700,773	21,016,001
13 DSM R&D (D&E) (50% D, 50% E)	7,684	7,684	7,684	7,684	7,431	4,500	0	0	0	0	0	0	42,667
14 Commercial Cooling (E)	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	192,636
15 Residential New Construction (E)	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	1,325,136
16 Common Expenses (D&E) (50% D, 50% E)	69,502	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	611,824
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	254,528	259,767	263,324	259,102	264,250	270,407	274,912	279,966	283,345	296,089	301,055	304,342	3,311,087
18 Residential Building Envelope Improvement (E)	116,371	116,371	116,371	116,371	126,371	127,717	127,717	117,717	117,717	116,371	116,371	116,371	1,431,836
19 Residential Electronic Commutated Motors (E)	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	525,084
20 Energy Education Outreach (E)	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	138,852
21 Residential Re-Commissioning (E)	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	214,104
22 Residential Low- Income Weatherization (E)	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	775,488
23 Commercial Duct Repair (E)	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	1,715,184
24 Commercial Energy Recovery Ventilation (E)	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	87,468
25 Commercial Building Envelope Improvement (E)	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	162,408
26 Commercial Energy Efficient Motors (E)	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	20,076
27 Commercial Demand Response (D)	282,941	280,773	280,773	282,941	283,973	280,773	280,773	282,941	280,773	280,773	282,941	300,773	3,401,148
28 Commercial Chiller Replacement (E)	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,880
29 Commercial Occupancy Sensors (Lighting) (E)	7,076	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	84,923
30 Commercial Refrigeration (Anti-Condensate) (E)	470	470	470	470	470	470	470	470	470	470	470	470	5,640
31 Commercial Water Heating (E)	419	419	419	419	419	419	419	419	419	419	419	419	5,028
32 Commercial HVAC Re-Commissioning (E)	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	319,116
33 Commercial Electronic Commutated Motors	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	19,104
34 Cool Roof (E)	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	41,016
35 Total All Programs	4,481,877	4,554,017	4,525,294	4,397,567	4,314,044	4,437,039	4,483,672	4,470,135	4,441,896	4,340,278	4,445,217	4,406,773	53,297,809
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conserv. Expenses	<u>4,481,877</u>	<u>4,554,017</u>	<u>4,525,294</u>	<u>4,397,567</u>	<u>4,314,044</u>	<u>4,437,039</u>	<u>4,483,672</u>	<u>4,470,135</u>	<u>4,441,896</u>	<u>4,340,278</u>	<u>4,445,217</u>	<u>4,406,773</u>	<u>53,297,809</u>
Summary of Demand & Energy													
Energy	1,568,331	1,558,852	1,626,786	1,558,719	1,571,169	1,587,140	1,599,146	1,606,646	1,583,314	1,577,115	1,581,725	1,540,295	18,957,241
Demand	<u>2,915,546</u>	<u>2,995,165</u>	<u>2,898,508</u>	<u>2,838,848</u>	<u>2,742,875</u>	<u>2,849,899</u>	<u>2,884,526</u>	<u>2,863,489</u>	<u>2,858,582</u>	<u>2,763,163</u>	<u>2,863,492</u>	<u>2,866,478</u>	<u>34,340,568</u>
Total Recoverable Conserv. Expenses	<u>4,481,877</u>	<u>4,554,017</u>	<u>4,525,294</u>	<u>4,397,567</u>	<u>4,314,044</u>	<u>4,437,039</u>	<u>4,483,672</u>	<u>4,470,135</u>	<u>4,441,896</u>	<u>4,340,278</u>	<u>4,445,217</u>	<u>4,406,773</u>	<u>53,297,809</u>

62

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2011 through December 2011

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1 Heating and Cooling (E)	0	71,496	3,840	23,952	156,000	888,744	480	3,624	0	1,148,136
2 Prime Time (D)	2,555	183,296	28,000	86,550	0	5,594,968	11,427	40,764	0	5,947,560
3 Energy Audits (E)	0	1,481,856	12,336	337,488	1,442,291	0	94,360	78,840	0	3,447,171
4 Cogeneration (E)	0	120,624	0	0	0	0	3,300	0	0	123,924
5 Commercial Load Mgmt (D)	78	749	0	0	0	5,810	93	0	0	6,730
6 Commercial Lighting (E)	0	39,425	0	0	150,330	312,868	360	240	0	503,223
7 Standby Generator (D)	0	48,444	15,000	1,200	0	1,920,000	1,696	0	0	1,966,340
8 Conservation Value (E)	0	7,380	0	0	0	150,153	240	0	0	157,773
9 Duct Repair (E)	0	100,092	0	0	279,000	2,497,308	720	12,108	0	2,889,228
10 Renewable Energy Initiative (E)	0	34,449	200,000	22,203	0	0	540	12,996	(270,188)	0
11 Renewable Energy Systems Initiative (E)	25,739	126,756	0	24,900	22,864	1,327,999	2,760	0	0	1,531,018
12 Industrial Load Management (D)	0	14,801	0	0	0	21,000,000	1,200	0	0	21,016,001
13 DSM R&D (D&E) (50% D, 50% E)	0	14,307	0	27,000	0	0	1,360	0	0	42,667
14 Commercial Cooling (E)	0	38,904	0	0	46,260	106,872	600	0	0	192,636
15 Residential New Construction (E)	0	21,900	0	0	0	1,303,116	0	120	0	1,325,136
16 Common Expenses (D&E) (50% D, 50% E)	0	590,304	20,200	0	0	0	1,320	0	0	611,824
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,166,542	783,957	6,000	346,680	868,504	0	130,764	8,640	0	3,311,087
18 Residential Building Envelope Improvement (E)	0	124,064	0	0	0	1,302,444	2,460	2,868	0	1,431,836
19 Residential Electronic Commutated Motors (E)	0	134,280	0	60,000	29,004	300,000	1,800	0	0	525,084
20 Energy Education Outreach (E)	0	33,912	64,740	0	37,500	0	2,100	600	0	138,852
21 Residential Re-Commissioning (E)	0	25,260	0	4,044	75,000	108,000	1,800	0	0	214,104
22 Residential Low- Income Weatherization (E)	0	116,520	150,864	500,004	0	0	3,900	4,200	0	775,488
23 Commercial Duct Repair (E)	0	63,984	0	0	0	1,650,000	1,200	0	0	1,715,184
24 Commercial Energy Recovery Ventilation (E)	0	63,456	0	0	11,268	12,504	0	240	0	87,468
25 Commercial Building Envelope Improvement (E)	0	58,468	0	6,000	0	96,120	1,560	240	0	162,408
26 Commercial Energy Efficient Motors (E)	0	5,904	0	0	972	12,000	1,200	0	0	20,076
27 Commercial Demand Response (D)	0	16,148	0	3,380,000	0	0	1,800	3,200	0	3,401,148
28 Commercial Chiller Replacement (E)	0	3,192	0	0	24,996	82,392	300	0	0	110,880
29 Commercial Occupancy Sensors (Lighting) (E)	0	9,948	0	0	0	74,375	600	0	0	84,923
30 Commercial Refrigeration (Anti-Condensate) (E)	0	1,668	0	0	672	3,000	300	0	0	5,640
31 Commercial Water Heating (E)	0	1,728	0	0	0	3,000	300	0	0	5,028
32 Commercial HVAC Re-Commissioning (E)	0	7,056	0	0	29,820	282,000	0	240	0	319,116
33 Commercial Electronic Commutated Motors	0	4,932	0	0	10,572	3,000	0	600	0	19,104
34 Cool Roof (E)	0	10,716	0	0	0	30,000	0	300	0	41,016
35 Total All Programs	<u>1,194,914</u>	<u>4,359,996</u>	<u>500,980</u>	<u>4,820,021</u>	<u>3,185,053</u>	<u>39,066,673</u>	<u>270,540</u>	<u>169,820</u>	<u>(270,188)</u>	<u>53,297,809</u>
Summary of Demand & Energy										
Energy	609,010	3,402,274	444,880	1,165,431	2,750,801	10,545,895	167,602	121,536	(270,188)	18,957,241
Demand	<u>585,904</u>	<u>957,722</u>	<u>56,100</u>	<u>3,654,590</u>	<u>434,252</u>	<u>28,520,778</u>	<u>82,938</u>	<u>48,284</u>	<u>0</u>	<u>34,340,568</u>
Total All Programs	<u>1,194,914</u>	<u>4,359,996</u>	<u>500,980</u>	<u>4,820,021</u>	<u>3,185,053</u>	<u>39,066,673</u>	<u>270,540</u>	<u>169,820</u>	<u>(270,188)</u>	<u>53,297,809</u>

63

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011

PRIME TIME

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	138	141	15,545	0	0	0	0	0	0	0	2,455	18,279
3. Depreciation Base		18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	
4. Depreciation Expense		<u>305</u>	<u>304</u>	<u>301</u>	<u>170</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>20</u>	<u>1,387</u>
5. Cumulative Investment	18,280	18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	1
6. Less: Accumulated Deprecia	7,259	<u>7,564</u>	<u>7,730</u>	<u>7,890</u>	<u>(7,485)</u>	<u>(7,444)</u>	<u>(7,403)</u>	<u>(7,362)</u>	<u>(7,321)</u>	<u>(7,280)</u>	<u>(7,239)</u>	<u>(7,198)</u>	<u>(9,633)</u>	<u>(9,633)</u>
7. Net Investment	<u>11,021</u>	<u>10,716</u>	<u>10,412</u>	<u>10,111</u>	<u>9,941</u>	<u>9,900</u>	<u>9,859</u>	<u>9,818</u>	<u>9,777</u>	<u>9,736</u>	<u>9,695</u>	<u>9,654</u>	<u>9,634</u>	<u>9,634</u>
8. Average Investment		10,869	10,564	10,262	10,026	9,921	9,880	9,839	9,798	9,757	9,716	9,675	9,644	
9. Return on Average Investment		65	63	61	60	59	59	59	58	58	58	58	57	715
10. Return Requirements		<u>106</u>	<u>103</u>	<u>100</u>	<u>98</u>	<u>96</u>	<u>96</u>	<u>96</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>93</u>	<u>1,168</u>
11. Total Depreciation and Return		<u>411</u>	<u>407</u>	<u>401</u>	<u>268</u>	<u>137</u>	<u>137</u>	<u>137</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>113</u>	<u>2,555</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011
COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	450	0	0	0	0	0	0	450
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	450	450	450	450	450	450	450	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>52</u>
5. Cumulative Investment	0	0	0	0	0	0	450	450	450	450	450	450	450	450
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>12</u>	<u>20</u>	<u>28</u>	<u>36</u>	<u>44</u>	<u>52</u>	<u>52</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>446</u>	<u>438</u>	<u>430</u>	<u>422</u>	<u>414</u>	<u>406</u>	<u>398</u>	<u>398</u>
8. Average Investment		0	0	0	0	0	223	442	434	426	418	410	402	
9. Return on Average Investment		0	0	0	0	0	1	3	3	3	2	2	2	16
10. Return Requirements		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>26</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>78</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480% .

Return requirements are calculated using an income tax multiplier of 1.634900.

65

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011
PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	2,233,032
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		3,073,366	3,259,452	3,445,538	3,631,624	3,817,710	4,003,796	4,189,882	4,375,968	4,562,054	4,748,140	4,934,226	5,120,312	
4. Depreciation Expense		<u>49,672</u>	<u>52,773</u>	<u>55,875</u>	<u>58,976</u>	<u>62,078</u>	<u>65,179</u>	<u>68,281</u>	<u>71,382</u>	<u>74,484</u>	<u>77,585</u>	<u>80,686</u>	<u>83,788</u>	<u>800,759</u>
5. Cumulative Investment	2,887,280	3,073,366	3,259,452	3,445,538	3,631,624	3,817,710	4,003,796	4,189,882	4,375,968	4,562,054	4,748,140	4,934,226	5,120,312	5,120,312
6. Less: Accumulated Depreciation	505,804	<u>555,476</u>	<u>608,249</u>	<u>664,124</u>	<u>723,100</u>	<u>785,178</u>	<u>850,357</u>	<u>918,638</u>	<u>990,020</u>	<u>1,064,504</u>	<u>1,142,089</u>	<u>1,222,775</u>	<u>1,306,563</u>	<u>1,306,563</u>
7. Net Investment	<u>2,381,476</u>	<u>2,517,890</u>	<u>2,651,203</u>	<u>2,781,414</u>	<u>2,908,524</u>	<u>3,032,532</u>	<u>3,153,439</u>	<u>3,271,244</u>	<u>3,385,948</u>	<u>3,497,550</u>	<u>3,606,051</u>	<u>3,711,451</u>	<u>3,813,749</u>	<u>3,813,749</u>
8. Average Investment		2,449,683	2,584,547	2,716,309	2,844,969	2,970,528	3,092,986	3,212,342	3,328,596	3,441,749	3,551,801	3,658,751	3,762,600	
9. Return on Average Investment		14,571	15,373	16,157	16,922	17,669	18,397	19,107	19,798	20,472	21,126	21,762	22,380	223,734
10. Return Requirements		<u>23,822</u>	<u>25,133</u>	<u>26,415</u>	<u>27,666</u>	<u>28,887</u>	<u>30,077</u>	<u>31,238</u>	<u>32,368</u>	<u>33,470</u>	<u>34,539</u>	<u>35,579</u>	<u>36,589</u>	<u>365,783</u>
Total Depreciation and Return		<u>73,494</u>	<u>77,906</u>	<u>82,290</u>	<u>86,642</u>	<u>90,965</u>	<u>95,256</u>	<u>99,519</u>	<u>103,750</u>	<u>107,954</u>	<u>112,124</u>	<u>116,265</u>	<u>120,377</u>	<u>1,166,542</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011
RENEWABLE ENERGY SYSTEMS INITIATIVE

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	153,102	0	0	0	0	0	0	153,102
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	153,102	153,102	153,102	153,102	153,102	153,102	153,102	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,276</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>16,588</u>
5. Cumulative Investment	0	0	0	0	0	0	153,102	153,102	153,102	153,102	153,102	153,102	153,102	153,102
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,276</u>	<u>3,828</u>	<u>6,380</u>	<u>8,932</u>	<u>11,484</u>	<u>14,036</u>	<u>16,588</u>	<u>16,588</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>151,826</u>	<u>149,274</u>	<u>146,722</u>	<u>144,170</u>	<u>141,618</u>	<u>139,066</u>	<u>136,514</u>	<u>136,514</u>
8. Average Investment		0	0	0	0	0	75,913	150,550	147,998	145,446	142,894	140,342	137,790	
9. Return on Average Investment		0	0	0	0	0	452	895	880	865	850	835	820	5,597
10. Return Requirements		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>739</u>	<u>1,463</u>	<u>1,439</u>	<u>1,414</u>	<u>1,390</u>	<u>1,365</u>	<u>1,341</u>	<u>9,151</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,015</u>	<u>4,015</u>	<u>3,991</u>	<u>3,966</u>	<u>3,942</u>	<u>3,917</u>	<u>3,893</u>	<u>25,739</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480% .

Return requirements are calculated using an income tax multiplier of 1.634900.

67

DOCKET NO. 100002-EG
ECCR 2011 PROJECTION
EXHIBIT HTB-2, SCHEDULE C-3P, PAGE 1 OF 8

C-3P
Page 1 of 8

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1	Heating & Cooling										
2	Actual	0	44,193	0	11,976	0	523,375	128	2,511	0	582,183
3	Projected	0	32,154	1,600	9,980	0	349,216	125	125	0	393,200
4	Total	0	76,347	1,600	21,956	0	872,591	253	2,636	0	975,383
5	Prime Time										
6	Actual	3,827	159,635	12,253	43,615	0	3,373,583	10,941	22,375	0	3,626,229
7	Projected	2,109	100,295	0	36,250	0	2,321,098	3,275	16,215	0	2,479,242
8	Total	5,936	259,930	12,253	79,865	0	5,694,681	14,216	38,590	0	6,105,471
9	Energy Audits										
10	Actual	0	617,959	12,819	84,168	195,666	0	48,865	33,976	0	993,453
11	Projected	0	496,460	9,920	143,070	235,858	0	37,230	27,285	0	949,823
12	Total	0	1,114,419	22,739	227,238	431,524	0	86,095	61,261	0	1,943,276
13	Cogeneration										
14	Actual	0	67,700	(19)	0	0	0	697	1,062	0	69,440
15	Projected	0	47,415	0	0	0	0	1,000	0	0	48,415
16	Total	0	115,115	(19)	0	0	0	1,697	1,062	0	117,855
17	Commercial Load Management										
18	Actual	18	268	0	0	0	3,434	0	0	0	3,720
19	Projected	0	4,248	0	0	0	2,664	22	0	0	6,934
20	Total	18	4,516	0	0	0	6,098	22	0	0	10,654
21	Commercial Lighting										
22	Actual	0	22,154	0	0	0	197,627	473	0	0	220,254
23	Projected	0	7,218	0	6,508	0	295,000	185	5,000	0	313,911
24	Total	0	29,372	0	6,508	0	492,627	658	5,000	0	534,165
25	Standby Generator										
26	Actual	0	22,532	15,433	2,346	0	937,085	2,409	0	0	979,805
27	Projected	0	10,227	0	500	0	700,000	930	0	0	711,657
28	Total	0	32,759	15,433	2,846	0	1,637,085	3,339	0	0	1,691,462
29	Conservation Value										
30	Actual	0	2,316	0	0	0	66,153	0	0	0	68,469
31	Projected	0	1,548	0	0	0	9,000	60	0	0	10,608
32	Total	0	3,864	0	0	0	75,153	60	0	0	79,077
33	Duct Repair										
34	Actual	0	48,084	340	8,624	34,223	623,241	1,281	6,833	0	722,626
35	Projected	0	47,592	0	0	67,900	703,618	950	4,905	0	824,965
36	Total	0	95,676	340	8,624	102,123	1,326,859	2,231	11,738	0	1,547,591
37	Renewable Energy Initiative										
38	Actual	0	20,898	66,962	990	0	0	155	6,384	(95,389)	0
39	Projected	0	29,739	425,800	34,999	0	0	901	18,155	(507,594)	0
40	Total	0	50,637	492,762	35,989	0	0	1,056	22,539	(602,983)	0
41	Renewable Energy Systems Initiative										
42	Actual	0	0	0	0	0	0	0	0	0	0
43	Projected	0	45,328	0	0	0	0	0	0	0	45,328
44	Total	0	45,328	0	0	0	0	0	0	0	45,328
45	Industrial Load Management										
46	Actual	0	10,583	0	0	0	12,999,693	211	0	0	13,010,487
47	Projected	0	6,730	0	0	0	8,700,000	500	0	0	8,707,230
48	Total	0	17,313	0	0	0	21,699,693	711	0	0	21,717,717
49	DSM R&D										
50	Actual	0	30,947	57,703	38,162	0	0	523	2,100	0	129,435
51	Projected	0	27,250	0	0	0	0	1,870	0	0	29,120
52	Total	0	58,197	57,703	38,162	0	0	2,393	2,100	0	158,555
53	Commercial Cooling										
54	Actual	0	7,510	0	0	0	27,615	0	0	0	35,125
55	Projected	0	12,760	0	0	0	21,500	175	0	0	34,435
56	Total	0	20,270	0	0	0	49,115	175	0	0	69,560
57	Residential New Construction										
58	Actual	0	6,950	0	0	0	244,075	70	0	0	251,095
59	Projected	0	5,927	0	0	0	217,906	0	50	0	223,883
60	Total	0	12,877	0	0	0	461,981	70	50	0	474,978
61	Common Expenses										
62	Actual	0	275,102	0	100,299	0	0	850	11,576	0	387,827
63	Projected	0	213,573	0	0	0	0	600	0	0	214,173
64	Total	0	488,675	0	100,299	0	0	1,450	11,576	0	602,000
65	Price Responsive Load Management										
66	Actual	287,031	463,012	15,812	275,024	133,766	0	37,083	93,769	0	1,305,497
67	Projected	309,556	286,941	12,875	106,950	99,000	0	23,905	71,020	0	910,247
68	Total	596,587	749,953	28,687	381,974	232,766	0	60,988	164,789	0	2,215,744
69	Residential Building Envelope Improvement										
70	Actual	0	57,361	343	3,515	0	422,893	1,774	1,135	0	487,021
71	Projected	0	41,861	0	0	0	164,320	1,375	198,488	0	406,044
72	Total	0	99,222	343	3,515	0	587,213	3,149	199,623	0	893,065

DOCKET NO. 100002-EG
ECCR 2011 PROJECTION
EXHIBIT HTB-2, SCHEDULE C-3P, PAGE 2 OF 8

C-3P
Page 2 of 8

TAMPA ELECTRIC COMPANY
Conservation Program Costs Continued

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
73 Residential Electronic Commutated Motors										
74 Actual	0	0	0	0	0	0	0	0	0	0
75 Projected	0	18,662	0	0	0	50,000	0	0	0	68,662
76 Total	0	18,662	0	0	0	50,000	0	0	0	68,662
77 Energy Education Outreach										
78 Actual	0	1,163	45,195	4,222	0	0	644	6,295	0	57,519
79 Projected	0	0	50	2,000	0	0	0	150	0	2,200
80 Total	0	1,163	45,245	6,222	0	0	644	6,445	0	59,719
81 Residential Re-Commissioning										
82 Actual	0	0	0	0	0	0	0	0	0	0
83 Projected	0	4,203	0	0	0	18,000	0	0	0	22,203
84 Total	0	4,203	0	0	0	18,000	0	0	0	22,203
85 Residential Low- Income Weatherization										
86 Actual	0	3,299	100	0	0	3,065	3	162	0	6,629
87 Projected	0	25,382	34,582	0	0	217,186	500	0	0	277,650
88 Total	0	28,681	34,682	0	0	220,251	503	162	0	284,279
89 Commercial Duct Repair										
90 Actual	0	8,872	0	0	0	699,000	202	426	0	708,500
91 Projected	0	20,491	0	0	0	450,000	275	0	0	470,766
92 Total	0	29,363	0	0	0	1,149,000	477	426	0	1,179,266
93 Commercial Energy Recovery Ventilation										
94 Actual	0	0	0	0	0	0	0	0	0	0
95 Projected	0	17,720	0	0	0	0	0	0	0	17,720
96 Total	0	17,720	0	0	0	0	0	0	0	17,720
97 Commercial Building Envelope Improvement										
98 Actual	0	3,737	0	0	0	1,016	0	0	0	4,753
99 Projected	0	13,634	0	0	0	4,240	300	0	0	18,174
100 Total	0	17,371	0	0	0	5,256	300	0	0	22,927
101 Commercial Energy Efficient Motors										
102 Actual	0	409	0	0	0	69	0	0	0	478
103 Projected	0	2,499	0	0	0	625	100	0	0	3,224
104 Total	0	2,908	0	0	0	694	100	0	0	3,702
105 Commercial Demand Response										
106 Actual	0	9,517	0	2,309,839	0	0	399	1,955	0	2,321,710
107 Projected	0	7,401	0	1,400,000	0	0	800	0	0	1,408,201
108 Total	0	16,918	0	3,709,839	0	0	1,199	1,955	0	3,729,911
109 Commercial Chiller Replacement										
110 Actual	0	3,982	0	0	0	9,317	0	0	0	13,299
111 Projected	0	1,225	0	0	0	16,000	125	0	0	17,350
112 Total	0	5,207	0	0	0	25,317	125	0	0	30,649
113 Commercial Occupancy Sensors (Lighting)										
114 Actual	0	6,884	0	0	0	38,136	106	0	0	45,126
115 Projected	0	4,708	0	0	0	18,500	65	0	0	23,273
116 Total	0	11,592	0	0	0	56,636	171	0	0	68,399
117 Commercial Refrigeration (Anti-Condensate)										
118 Actual	0	135	0	0	0	0	0	0	0	135
119 Projected	0	675	0	12	0	500	125	0	0	1,312
120 Total	0	810	0	12	0	500	125	0	0	1,447
121 Commercial Water Heating										
122 Actual	0	135	0	0	0	0	0	0	0	135
123 Projected	0	707	0	0	0	600	125	0	0	1,432
124 Total	0	842	0	0	0	600	125	0	0	1,567
125 Commercial HVAC Re-commissioning										
126 Actual	0	0	0	0	0	0	0	0	0	0
127 Projected	0	1,216	0	0	0	0	0	0	0	1,216
128 Total	0	1,216	0	0	0	0	0	0	0	1,216
129 Commercial Electronic Commutated Motors										
130 Actual	0	0	0	0	0	0	0	0	0	0
131 Projected	0	1,216	0	0	0	0	0	0	0	1,216
132 Total	0	1,216	0	0	0	0	0	0	0	1,216
133 Cool Roof										
134 Actual	0	0	0	0	0	0	0	0	0	0
135 Projected	0	680	0	0	0	0	0	0	0	680
136 Total	0	680	0	0	0	0	0	0	0	680
137 Total: All Programs	602,541	3,433,022	711,768	4,623,049	766,413	34,429,350	182,332	529,952	(602,983)	44,675,444

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

PRIME TIME

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		50,333	7,602	1,135	203	386	0	208	0	181	102	85	0	60,235
3. Depreciation Base		28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	
4. Depreciation Expense		<u>889</u>	<u>406</u>	<u>334</u>	<u>322</u>	<u>317</u>	<u>314</u>	<u>313</u>	<u>311</u>	<u>309</u>	<u>307</u>	<u>305</u>	<u>305</u>	<u>4,432</u>
5. Cumulative Investment	<u>78,515</u>	28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	18,280
6. Less: Accumulated Depreciation	<u>63,062</u>	<u>13,618</u>	<u>6,422</u>	<u>5,621</u>	<u>5,740</u>	<u>5,671</u>	<u>5,985</u>	<u>6,090</u>	<u>6,401</u>	<u>6,529</u>	<u>6,734</u>	<u>6,954</u>	<u>7,259</u>	<u>7,259</u>
7. Net Investment	<u>15,453</u>	<u>14,564</u>	<u>14,158</u>	<u>13,824</u>	<u>13,502</u>	<u>13,185</u>	<u>12,871</u>	<u>12,558</u>	<u>12,247</u>	<u>11,938</u>	<u>11,631</u>	<u>11,326</u>	<u>11,021</u>	<u>11,021</u>
8. Average Investment		15,009	14,361	13,991	13,663	13,344	13,028	12,715	12,403	12,093	11,785	11,479	11,174	
9. Return on Average Investment		89	85	83	81	79	77	76	74	72	70	68	66	920
10. Return Requirements		<u>146</u>	<u>139</u>	<u>136</u>	<u>132</u>	<u>129</u>	<u>126</u>	<u>124</u>	<u>121</u>	<u>118</u>	<u>114</u>	<u>111</u>	<u>108</u>	<u>1,504</u>
11. Total Depreciation and Return		<u>1,035</u>	<u>545</u>	<u>470</u>	<u>454</u>	<u>446</u>	<u>440</u>	<u>437</u>	<u>432</u>	<u>427</u>	<u>421</u>	<u>416</u>	<u>413</u>	<u>5,936</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480%.

Return requirements are calculated using an income tax multiplier of 1.634900.

70

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	324	0	0	0	0	0	0	0	0	324
3. Depreciation Base		324	324	324	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		<u>5</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>18</u>
5. Cumulative Investment	324	324	324	324	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	306	<u>311</u>	<u>316</u>	<u>321</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>18</u>	<u>13</u>	<u>8</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		16	11	6	2	0	0	0	0	0	0	0	0	
9. Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return Requirements		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
11. Total Depreciation and Return		<u>5</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>18</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		250,069	99,373	217,670	103,400	173,942	79,673	138,754	158,072	158,072	158,072	158,072	158,072	1,853,242
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,096,920	2,254,992	2,413,064	2,571,136	2,729,208	2,887,280	
4. Depreciation Expense		<u>19,318</u>	<u>22,230</u>	<u>24,872</u>	<u>27,548</u>	<u>29,859</u>	<u>31,972</u>	<u>33,792</u>	<u>36,266</u>	<u>38,900</u>	<u>41,535</u>	<u>44,170</u>	<u>46,804</u>	<u>397,266</u>
5. Cumulative Investment	1,034,039	1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,096,920	2,254,992	2,413,064	2,571,136	2,729,208	2,887,280	2,887,280
6. Less: Accumulated Depreciation	108,538	<u>127,856</u>	<u>150,086</u>	<u>174,958</u>	<u>202,506</u>	<u>232,365</u>	<u>264,337</u>	<u>298,129</u>	<u>334,395</u>	<u>373,295</u>	<u>414,830</u>	<u>459,000</u>	<u>505,804</u>	<u>505,804</u>
7. Net Investment	<u>925,501</u>	<u>1,156,252</u>	<u>1,233,395</u>	<u>1,426,193</u>	<u>1,502,045</u>	<u>1,646,128</u>	<u>1,693,829</u>	<u>1,798,791</u>	<u>1,920,597</u>	<u>2,039,769</u>	<u>2,156,306</u>	<u>2,270,208</u>	<u>2,381,476</u>	<u>2,381,476</u>
8. Average Investment		1,040,877	1,194,824	1,329,794	1,464,119	1,574,087	1,669,979	1,746,310	1,859,694	1,980,183	2,098,038	2,213,257	2,325,842	
9. Return on Average Investment		6,191	7,107	7,910	8,709	9,363	9,933	10,387	11,061	11,778	12,479	13,164	13,834	121,916
10. Return Requirements		<u>10,122</u>	<u>11,619</u>	<u>12,932</u>	<u>14,238</u>	<u>15,308</u>	<u>16,239</u>	<u>16,982</u>	<u>18,084</u>	<u>19,256</u>	<u>20,402</u>	<u>21,522</u>	<u>22,617</u>	<u>199,321</u>
Total Depreciation and Return		<u>29,440</u>	<u>33,849</u>	<u>37,804</u>	<u>41,786</u>	<u>45,167</u>	<u>48,211</u>	<u>50,774</u>	<u>54,350</u>	<u>58,156</u>	<u>61,937</u>	<u>65,692</u>	<u>69,421</u>	<u>596,587</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59480%.

Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1 Heating and Cooling	61,420	69,661	47,106	77,801	88,870	108,910	128,415	76,392	76,028	76,028	76,028	88,724	975,383
2 Prime Time	612,868	609,076	593,336	444,194	447,108	454,984	464,663	459,294	461,256	459,427	558,170	541,095	6,105,471
3 Energy Audits	91,466	106,907	138,008	123,334	153,917	112,695	267,126	216,673	192,282	178,728	181,322	180,818	1,943,276
4 Cogeneration	8,270	9,406	9,837	10,629	7,498	8,509	15,291	9,683	9,683	9,683	9,683	9,683	117,855
5 Commercial Load Mgmt	5	5	5	891	888	1,043	883	1,063	1,878	2,013	990	990	10,654
6 Commercial Lighting	8,289	36,430	2,343	68,870	36,116	20,279	47,927	53,918	55,507	55,507	109,829	39,150	534,165
7 Standby Generator	147,527	140,543	140,015	136,493	145,304	133,342	136,581	141,999	142,356	142,356	142,356	142,590	1,691,462
8 Conservation Value	211	538	491	66,434	140	468	187	3,222	3,222	3,222	202	740	79,077
9 Duct Repair	127,196	53,586	205,987	61,999	101,390	106,113	66,375	117,371	120,744	120,744	233,053	233,053	1,547,591
10 Renewable Energy Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative	0	0	0	0	0	0	0	0	203	203	22,461	22,461	45,328
12 Industrial Load Management	1,683,623	1,807,256	2,023,648	1,929,920	1,955,475	1,851,331	1,759,234	1,801,446	1,801,446	1,701,446	1,701,446	1,701,446	21,717,717
13 DSM R&D	36,482	33,438	35,331	12,375	5,263	4,561	1,985	5,824	5,824	5,824	5,824	5,824	158,555
14 Commercial Cooling	669	2,614	1,848	6,021	5,227	15,749	2,997	5,155	7,320	7,320	7,320	7,320	69,560
15 Residential New Construction	26,931	30,485	35,015	862	32,632	89,149	36,021	145	1,458	1,458	110,411	110,411	474,978
16 Common Expenses	26,413	63,593	36,384	79,526	50,973	44,744	86,194	43,012	42,824	42,743	42,797	42,797	602,000
17 Price Responsive Load Mgmt	110,300	156,378	180,654	211,456	187,764	193,305	265,640	178,392	171,541	183,575	186,505	190,234	2,215,744
18 Residential Building Envelope Improvement	62,485	72,288	55,404	63,342	87,851	86,224	59,427	72,663	72,787	72,787	94,341	93,466	893,065
19 Residential Electronic Commutated Motors	0	0	0	0	0	0	0	0	4,329	4,329	29,329	30,675	68,662
20 Energy Education Outreach	990	4,449	5,399	9,409	35,469	3,477	(1,674)	2,040	40	40	40	40	59,719
21 Residential Re-Commissioning	0	0	0	0	0	0	0	0	933	933	9,933	10,404	22,203
22 Residential Low- Income Weatherization	307	452	670	764	527	349	3,560	3,333	7,660	7,660	116,253	142,744	284,279
23 Commercial Duct Repair	40,563	62,942	83,500	91,186	121,516	108,049	200,744	93,514	93,842	93,842	93,842	95,726	1,179,266
24 Commercial Energy Recovery Ventilation	0	0	0	0	0	0	0	0	4,329	4,329	4,531	4,531	17,720
25 Commercial Building Envelope Improvement	814	1,018	1,083	301	519	328	690	2,035	3,463	3,463	3,665	5,548	22,927
26 Commercial Energy Efficient Motors	0	0	47	41	69	0	321	576	662	662	662	662	3,702
27 Commercial Demand Response	500,754	259,798	250,792	499,064	2,361	527,329	281,612	282,941	280,773	280,773	282,941	280,773	3,729,911
28 Commercial Chiller Replacement	340	6,066	538	269	710	1,906	3,470	3,394	3,489	3,489	3,489	3,489	30,649
29 Commercial Occupancy Sensors (Lighting)	543	20,853	2,501	2,120	7,890	4,964	8,255	4,533	4,685	4,685	4,685	4,685	68,399
30 Commercial Refrigeration (Anti-Condensate)	0	0	94	0	0	0	41	260	263	263	263	263	1,447
31 Commercial Water Heating	0	0	94	0	0	0	41	280	288	288	288	288	1,567
32 Commercial HVAC Re-Commissioning	0	0	0	0	0	0	0	0	203	203	405	405	1,216
33 Commercial Electronic Commutated Motors	0	0	0	0	0	0	0	0	203	203	405	405	1,216
34 Cool Roof	0	0	0	0	0	0	0	0	69	69	271	271	680
35 Total	3,548,466	3,547,762	3,850,130	3,897,301	3,475,477	3,877,808	3,834,006	3,579,158	3,571,590	3,468,295	4,033,740	3,991,711	44,675,444
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conservation Expenses	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,579,158</u>	<u>3,571,590</u>	<u>3,468,295</u>	<u>4,033,740</u>	<u>3,991,711</u>	<u>44,675,444</u>

73

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	<u>3,822,263</u>	<u>3,451,171</u>	<u>3,325,129</u>	<u>2,976,662</u>	<u>3,409,618</u>	<u>4,113,384</u>	<u>4,154,979</u>	<u>4,224,956</u>	<u>4,261,929</u>	<u>3,902,188</u>	<u>3,364,576</u>	<u>3,308,616</u>	<u>44,315,471</u>
3. Total Revenues	3,822,263	3,451,171	3,325,129	2,976,662	3,409,618	4,113,384	4,154,979	4,224,956	4,261,929	3,902,188	3,364,576	3,308,616	44,315,471
4. Prior Period True-up	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(1,434,024)</u>
5. Conservation Revenue Applicable to Period	3,702,761	3,331,669	3,205,627	2,857,160	3,290,116	3,993,882	4,035,477	4,105,454	4,142,427	3,782,686	3,245,074	3,189,114	42,881,447
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,579,158</u>	<u>3,571,590</u>	<u>3,468,295</u>	<u>4,033,740</u>	<u>3,991,711</u>	<u>44,675,444</u>
7. True-up This Period (Line 5 - Line 6)	154,295	(216,093)	(644,503)	(1,040,141)	(185,361)	116,074	201,471	526,296	570,837	314,391	(788,666)	(802,597)	(1,793,997)
8. Interest Provision This Period (C-3, Page 6, Line 10)	(221)	(205)	(274)	(404)	(657)	(769)	(617)	(511)	(367)	(199)	(234)	(437)	(4,895)
9. True-up & Interest Provision Beginning of Period	(1,434,024)	(1,160,448)	(1,257,244)	(1,782,519)	(2,703,562)	(2,770,078)	(2,535,271)	(2,214,915)	(1,569,628)	(879,656)	(445,962)	(1,115,360)	(1,434,024)
10. Prior Period True-up Collected/(Refunded)	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>1,434,024</u>
11. End of Period Total Net True-up	<u>(1,160,448)</u>	<u>(1,257,244)</u>	<u>(1,782,519)</u>	<u>(2,703,562)</u>	<u>(2,770,078)</u>	<u>(2,535,271)</u>	<u>(2,214,915)</u>	<u>(1,569,628)</u>	<u>(879,656)</u>	<u>(445,962)</u>	<u>(1,115,360)</u>	<u>(1,798,892)</u>	<u>(1,798,892)</u>

* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	32,220,663	0.76	(1,367,158)
Energy	<u>9,965,709</u>	<u>0.24</u>	<u>(431,734)</u>
Total	<u>42,186,372</u>	<u>1.00</u>	<u>(1,798,892)</u>

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	(\$1,434,024)	(\$1,160,448)	(\$1,257,244)	(\$1,782,519)	(\$2,703,562)	(\$2,770,078)	(\$2,535,271)	(\$2,214,915)	(\$1,569,628)	(\$879,656)	(\$445,962)	(\$1,115,360)	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>(1,160,227)</u>	<u>(1,257,039)</u>	<u>(1,782,245)</u>	<u>(2,703,158)</u>	<u>(2,769,421)</u>	<u>(2,534,502)</u>	<u>(2,214,298)</u>	<u>(1,569,117)</u>	<u>(879,289)</u>	<u>(445,763)</u>	<u>(1,115,126)</u>	<u>(1,798,455)</u>	
3. Total Beginning & Ending True-up	<u>(\$2,594,251)</u>	<u>(\$2,417,487)</u>	<u>(\$3,039,489)</u>	<u>(\$4,485,677)</u>	<u>(\$5,472,983)</u>	<u>(\$5,304,580)</u>	<u>(\$4,749,569)</u>	<u>(\$3,784,032)</u>	<u>(\$2,448,917)</u>	<u>(\$1,325,419)</u>	<u>(\$1,561,088)</u>	<u>(\$2,913,815)</u>	
4. Average True-up Amount (50% of Line 3)	<u>(\$1,297,126)</u>	<u>(\$1,208,744)</u>	<u>(\$1,519,745)</u>	<u>(\$2,242,839)</u>	<u>(\$2,736,492)</u>	<u>(\$2,652,290)</u>	<u>(\$2,374,785)</u>	<u>(\$1,892,016)</u>	<u>(\$1,224,459)</u>	<u>(\$662,710)</u>	<u>(\$780,544)</u>	<u>(\$1,456,908)</u>	
5. Interest Rate - First Day of Month	<u>0.200%</u>	<u>0.200%</u>	<u>0.210%</u>	<u>0.210%</u>	<u>0.230%</u>	<u>0.340%</u>	<u>0.350%</u>	<u>0.280%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
6. Interest Rate - First Day of Next Month	<u>0.200%</u>	<u>0.210%</u>	<u>0.210%</u>	<u>0.230%</u>	<u>0.340%</u>	<u>0.350%</u>	<u>0.280%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
7. Total (Line 5 + Line 6)	<u>0.400%</u>	<u>0.410%</u>	<u>0.420%</u>	<u>0.440%</u>	<u>0.570%</u>	<u>0.690%</u>	<u>0.630%</u>	<u>0.640%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.200%</u>	<u>0.205%</u>	<u>0.210%</u>	<u>0.220%</u>	<u>0.285%</u>	<u>0.345%</u>	<u>0.315%</u>	<u>0.320%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.017%</u>	<u>0.017%</u>	<u>0.018%</u>	<u>0.018%</u>	<u>0.024%</u>	<u>0.029%</u>	<u>0.026%</u>	<u>0.027%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>(\$221)</u>	<u>(\$205)</u>	<u>(\$274)</u>	<u>(\$404)</u>	<u>(\$657)</u>	<u>(\$769)</u>	<u>(\$617)</u>	<u>(\$511)</u>	<u>(\$367)</u>	<u>(\$199)</u>	<u>(\$234)</u>	<u>(\$437)</u>	<u>(\$4,895)</u>

75

TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

(1)	(2)	(3)	(4)
Months	Firm MWH Sales	Interruptible MWH Sales	Clause Revenue Net of Revenue Taxes
January	1,639,971	-	3,822,263
February	1,461,111	-	3,451,171
March	1,431,325	-	3,325,129
April	1,333,353	-	2,976,662
May	1,503,716	-	3,409,618
June	1,831,356	-	4,113,384
July	1,841,654	-	4,154,979
August	1,829,448	-	4,224,956
September	1,846,549	-	4,261,929
October	1,663,376	-	3,902,188
November	1,414,862	-	3,364,576
December	1,394,178	-	3,308,616
Total	<u>19,190,900</u>	<u>0</u>	<u>44,315,471</u>

PROGRAM DESCRIPTION AND PROGRESS

Program Title: HEATING AND COOLING

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

Program Projections: January 1, 2010 to December 31, 2010

There are 5,000 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 3,000 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$975,383.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,148,136.

**Program Progress
Summary:**

Through December 31, 2009, there were 167,446 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRIME TIME

Program Description: This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating and pool pumps. Participating customers receive monthly credits on their electric bills.

Program Projections: January 1, 2010 to December 31, 2010

There are 45,620 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 43,520 projected customers for this program on a cumulative basis.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Estimated expenditures are \$6,105,471.

January 1, 2011 to December 31, 2011

Estimated expenditures are \$5,947,560.

**Program Progress
Summary:**

There were 48,080 cumulative customers participating through December 31, 2009.

Breakdown is as follows:

Water Heating	43,807
Air Conditioning	32,760
Heating	34,190
Pool Pump	9,927

Per Commission Order No. PSC- 05-0181-PAA-EG issued February 16, 2005, Prime Time is closed to new participants.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY AUDITS

Program Description: These are on-site, on-line and phone-in audits of residential, commercial and industrial premises that instruct customers on how to use conservation measures and practices to reduce their energy usage.

Program Projections: January 1, 2010 to December 31, 2010

Residential – 11,105 (RCS - 0; Free -9,500; On-line – 1,600, Phone in 5)

Comm/Ind – 800 (Paid - 0; Free – 800)

January 1, 2011 to December 31, 2011

Residential – 12,020 (RCS - 0; Free – 10,000; On-line – 2,000, Phone-in 20)

Comm/Ind – 1,201 (Paid - 1 Free – 1,200)

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are expected to be \$1,943,276.

January 1, 2011 to December 31, 2011

Expenditures are expected to be \$3,447,171.

**Program Progress
Summary:**

Through December 31, 2009 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	255,214
Residential Cust. Assisted ⁽¹⁾	114,662
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	19,167
Commercial Mail-in	1,477

⁽¹⁾ Includes Mail-in and On-line audits. Mail-in audit program phased out on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

Program Description: This program encourages the development of cost-effective commercial and industrial cogeneration facilities through standard offers and negotiation of contracts for the purchase of firm capacity and energy.

Program Projections: January 1, 2010 to December 31, 2010

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric is currently working with a customer to evaluate the economics of additional capacity in 2011, but a final decision will not be made for several months. In addition, nearly 10 MW of cogeneration capacity was added in 2010, as previously planned. However, approximately 40 MW of customer cogeneration will be supplied to another utility, as its purchase power agreement with Tampa Electric expired in 2010.

January 1, 2011 to December 31, 2011

The development and publication of the 20-Year Cogeneration Forecast will occur in.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$117,855.

January 1, 2011 to December 31, 2011

Expenditures are estimated to be \$123,924.

**Program Progress
Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 2011 will be approximately 561 MW. This is a decrease of 40 MW due to the expiration of a purchase power agreement noted above.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in our service area.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LOAD MANAGEMENT

Program Description: This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

Program Projections: January 1, 2010 to December 31, 2010

There are no new installations expected.

January 1, 2011 to December 31, 2011

One installation is expected.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenses of \$10,654 are estimated.

January 1, 2011 to December 31, 2011

Expenses of \$6,730 are estimated.

**Program Progress
Summary:**

Through December 31, 2009 there were seven commercial installations in service.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LIGHTING

Program Description: This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

Program Projections: January 1, 2010 to December 31, 2010

During this period, 150 customers are expected to participate.

January 1, 2011 to December 31, 2011

During this period, 555 customers are expected to participate

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$534,165.

January 1, 2011 to December 31, 2011

Expenditures estimated for this period are \$503,223.

**Program Progress
Summary:**

Through December 31, 2009, there were 1,282 customers that participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

Program Description: This is a program designed to utilize the emergency generation capacity at firm commercial/industrial facilities in order to reduce weather-sensitive peak demand.

Program Projections: January 1, 2010 to December 31, 2010

Five installations are expected.

January 1, 2011 to December 31, 2011

One installation is expected.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,691,462.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,986,340.

**Program Progress
Summary:**

Through December 31, 2009, there are 84 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: CONSERVATION VALUE

Program Description: This is an incentive program for firm commercial/industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

Program Projections: January 1, 2010 to December 31, 2010

One customer is expected to participate during this period.

January 1, 2011 to December 31, 2011

Three customers are expected to participate during this period.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Estimated expenses are \$79,077.

January 1, 2011 to December 31, 2011

Estimated expenses are \$157,773.

**Program Progress
Summary:**

Through December 31, 2009, there were 31 customers that earned incentive dollars. We continue to work with customers on evaluations of various measures.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DUCT REPAIR

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

Program Projections: January 1, 2010 to December 31, 2010

There are 6,200 repairs projected to be made.

January 1, 2011 to December 31, 2011

There are 13,645 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,547,591.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$2,889,228.

**Program Progress
Summary:**

Through December 31, 2009, there are 78,666 customers that have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY PROGRAM

Program Description: This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

Program Projections: January 1, 2010 to December 31, 2010

There are 2,641 customers with 3,719 subscribed blocks estimated for this period on a cumulative basis.

There are 800 blocks estimated to be purchased for this period on a one time

January 1, 2011 to December 31, 2011

There are 2,700 customers with 4,000 subscribed blocks estimated for this period on a cumulative basis.

There are 1,000 blocks estimated to be purchased for this period on a one time basis.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

For the period, the company anticipated excess revenues of approximately \$207,000 to be used for new renewable generation.

January 1, 2011 to December 31, 2011

For the period, expenditures are estimated to be \$270,188.

For the period, revenues and expenses are projected to be the same.

**Program Progress
Summary:**

Through December 31, 2009, there were 2,730 customers with 3,822 blocks subscribed. In addition, there were 1,376 blocks of renewable energy purchased on a one time basis.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INDUSTRIAL LOAD MANAGEMENT

Program Description: This is a load management program for large industrial customers with interruptible loads of 500 kW or greater.

Program Projections: January 1, 2010 to December 31, 2010

No new customers are expected to participate.

January 1, 2011 to December 31, 2011

No new customers are expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$21,717,717.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$21,016,001.

**Program Progress
Summary:**

Through December 31, 2009, there are 56 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DSM RESEARCH AND DEVELOPMENT (R&D)

Program Description: This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

Program Projections: See Program Progress Summary.

Program Fiscal Expenditures: January 1, 2010 to December 31, 2010

Expenditures are estimated at \$158,555.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$42,667.

**Program Progress
Summary:**

For 2010, Tampa Electric continues its pilot program to evaluate the feasibility of a commercial price responsive load management rate. The project was approved by the Commission in Docket No. 090228-EG, Order No. PSC-09-0501-TRF-EG, issued July 15, 2009.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOLING

Program Description: This is an incentive program to encourage the installation of high efficiency direct expansion and Package Terminal Air Conditioning commercial air conditioning equipment.

Program Projections: January 1, 2010 to December 31, 2010

There are 141 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 250 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$69,560.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$192,636.

**Program Progress
Summary:**

Through December 31, 2009, there were 1,121 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY PLUS HOMES

Program Description: This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.

Program Projections: January 1, 2010 to December 31, 2010

There are 600 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 1,200 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$474,978.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,325,136.

**Program Progress
Summary:**

Through December 31, 2009, a total of 297 approved homes have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures: January 1, 2010 to December 31, 2010
Expenditures are estimated to be \$602,000.
January 1, 2011 to December 31, 2011
Expenditures are estimated at \$611,824.

Program Progress Summary: N/A

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRICE RESPONSIVE LOAD MANAGEMENT

Program Description: A load management program designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.

Program Projections: January 1, 2010 to December 31, 2010

There are 1,480 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 2,880 projected customers for this program on a cumulative basis.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$2,215,744.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$3,311,087.

**Program Progress
Summary:**

Through December 31, 2009, there were 674 participating customers.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing residences in the areas of ceiling insulation, wall insulation, and window improvements.

Program Projections: January 1, 2010 to December 31, 2010

Ceiling Insulation – 1,960
Wall Insulation - 9
Window Upgrades – 1,200
Window Film - 555

January 1, 2011 to December 31, 2011

Ceiling Insulation – 1,950
Wall Insulation - 12
Window Upgrades – 1,250
Window Film - 750

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$893,065.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,431,836.

**Program Progress
Summary:**

Through December 31, 2009, there were 85,202 customers that participated in the company's residential building envelope improvement program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: EDUCATIONAL EDUCATION OUTREACH

Program Description: Originally, a three-year pilot program designed to save demand and energy by increasing customer awareness of energy use in personal residences. This program is aimed at schools within the Tampa Electric service area and designed to educate students on energy awareness through scripted, professionally written presentations using humor, interactive theater and classroom guides to teach students the benefits of energy efficiency.

In Docket 100159-EG, Tampa Electric petitioned the Commission to modify this program to provide energy education through two distinct initiatives: 1) public education, and 2) energy awareness. If approved, the program known as Energy Education Outreach will continue presentations to service area schools and expand presentations to public forums, homeowner associations, trade shows, etc.

Program Projections: January 1, 2010 to December 31, 2010.

51 program presentations are projected to be completed for Hillsborough County schools for the 2009 – 2010 school year.

January 1, 2011 to December 31, 2011.

There are 4,000 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$59,719

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$138,852.

**Program Progress
Summary:**

Through 2009, Tampa Electric partnered with 16 local schools to present the pilot program to 13,820 students in 612 classes, resulting in 59 additional audits being completed.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL LOW-INCOME WEATHERIZATION

Program Description: A program designed to assist low-income families in reducing their energy usage by providing and/or installing the necessary materials for the various conservation measures, as well as educating families on energy conservation techniques that promote behavioral changes to help customers control their energy usage.

In Docket 100159-EG, Tampa Electric petitioned the Commission to expand the installation of energy saving measures and include education and delivery of energy efficiency kits to customers working with agencies providing energy related assistance. If approved, the program will be known as Neighborhood Weatherization and Agency Assistance.

Program Projections: January 1, 2010 to December 31, 2010

There are 950 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 2,500 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$284,279.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$775,488.

**Program Progress
Summary:**

Through December 31, 2009, a total of 333 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DUCT REPAIR

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks for commercial HVAC units less than or equal to 65,000 Btu/h by offering incentives to encourage the repair of the air distribution system in commercial facilities.

Program Projections: January 1, 2010 to December 31, 2010

There are 5,745 repairs expected to be made.

January 1, 2011 to December 31, 2011

There are 5,500 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,179,266.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,715,184.

**Program Progress
Summary:**

Through December 31, 2009, a total of 1,237 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing commercial facilities in the areas of ceiling insulation, wall insulation and window improvements.

Program Projections: January 1, 2010 to December 31, 2010

Ceiling Insulation – 5
Wall Insulation - 1
Window Film - 15

January 1, 2011 to December 31, 2011

Ceiling Insulation - 5
Roof Insulation - 5
Wall Insulation - 1
Window Film - 30

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$22,927.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$162,408.

**Program Progress
Summary:**

Through December 31, 2009, a total of 36 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY EFFICIENT MOTORS

Program Description: This is a commercial/industrial conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency motors at existing commercial/industrial facilities.

Program Projections: January 1, 2010 to December 31, 2010

There are 8 motors projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 20 motors projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,702.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$20,076.

**Program Progress
Summary:**

Through December 31, 2009, seven customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DEMAND RESPONSE

Program Description: Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks.

Program Projections: January 1, 2010 to December 31, 2010

There are 35 MW of demand response available for control.

January 1, 2011 to December 31, 2011

There are 36 MW of demand response projected to be available for control.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,729,911.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$3,401,148.

**Program Progress
Summary:**

Tampa Electric is currently subscribed for 35 MW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CHILLER REPLACEMENT

Program Description: This is an incentive program to encourage the installation of high efficiency air and water cooled chilled commercial air conditioning equipment.

Program Projections: January 1, 2010 to December 31, 2010

There are six units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 11 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$30,649.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$110,880.

**Program Progress
Summary:**

Through December 31, 2009, a total of 20 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL OCCUPANCY SENSORS (LIGHTING)

Program Description: This program is aimed at reducing the growth of peak demand and energy by providing an incentive to encourage commercial/industrial customers to install occupancy sensors in any area where indoor lights would be used on peak.

Program Projections: January 1, 2010 to December 31, 2010

There are 53 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 71 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$68,399.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$84,923.

Program Progress

Summary:

Through December 31, 2009, a total of 23 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL REFRIGERATION (ANTI-CONDENSATE)

Program Description: This program is designed to reduce the peak demand and energy consumption for commercial/industrial customers by increasing the use of efficient refrigeration controls and equipment.

Program Projections: January 1, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are six units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,447.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$5,640.

**Program Progress
Summary:**

Through December 31, 2009, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WATER HEATING

Program Description: This is a conservation program designed to reducing future growth of demand and energy consumption by encouraging commercial/industrial customers to install high efficiency water heating systems.

Program Projections: January 1, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are five units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,567.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$5,028.

**Program Progress
Summary:**

Through December 31, 2009, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ELECTRONICALLY COMMUTATED MOTOR

Program Description: This is a conservation program designed to reduce future growth of demand and energy consumption by encouraging residential customers to replace their existing motor in HVAC air-handlers with an Electronically Commutated Motor.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 2,222 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$68,662.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$525,084.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to reduce demand and energy consumption by helping residential customers ensure HVAC equipment is operating at optimal efficiency through maintenance and equipment tune-ups.

Program Projections: January 1, 2010 to December 31, 2010

There are no HVAC systems projected to be re-commissioned and approved.

January 1, 2011 to December 31, 2011

There are 1,440 HVAC systems projected to be re-commissioned and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$22,203.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$214,104.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to reduce demand and energy consumption by helping residential customers ensure HVAC equipment is operating at optimal efficiency through maintenance and equipment tune-ups.

Program Projections: January 1, 2010 to December 31, 2010

There are no HVAC systems projected to be re-commissioned and approved.

January 1, 2011 to December 31, 2011

There are 700 HVAC systems projected to be re-commissioned and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,216.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$319,116.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ELECTRONICALLY COMMUTATED MOTOR

Program Description: This is a conservation program designed to reduce demand and energy consumption by helping customers ensure HVAC and refrigeration equipment is operating at optimal efficiency by incenting maintenance and tune-up of equipment.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 20 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,216.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$19,104.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOL ROOF

Program Description: This is a conservation program designed to reduce of demand and energy consumption by providing incentives to encourage commercial/industrial customers to install a cool roof system above conditioned spaces.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 5 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$680.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$41,016.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY RECOVERY VENTILATION

Program Description: This is a conservation program designed to reduce of demand and energy consumption by encouraging commercial/industrial customers to install efficient ventilation systems to reduce humidity and HVAC loads in buildings.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 16 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$17,720.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$87,468.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY SYSTEMS INITIATIVE

Program Description: This is a five-year renewable energy pilot conservation program designed to reduce demand and energy consumption by encouraging the installation of solar photovoltaic and solar water heating technologies on existing and new residential and commercial premises.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 236 renewable systems projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$45,328.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,531,018.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

INPUT DATA - PART 1
PROGRAM TITLE: GSLM 2&3

PSC FORM CE 1.1

PAGE 1 OF 1

RUN DATE: October 6, 2010

PROGRAM DEMAND SAVINGS & LINE LOSSES

I. (1) CUSTOMER KW REDUCTION AT THE METER	2,571.00 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	2,840.65 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	649,454.35 KWH/CUST/YR
I. (5) KWH LINE LOSS PERCENTAGE	5.8 %
I. (6) GROUP LINE LOSS MULTIPLIER	1
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR
I. (8)* CUSTOMER KWH REDUCTION AT METER	611,786 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS
II. (2) GENERATOR ECONOMIC LIFE	25 YEARS
II. (3) T & D ECONOMIC LIFE	25 YEARS
II. (4) K FACTOR FOR GENERATION	1.5975
II. (5) K FACTOR FOR T & D	1.5975
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0

UTILITY & CUSTOMER COSTS

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	109,412.00 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	1,431.00 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.1 %
III. (4) CUSTOMER EQUIPMENT COST	0.00 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.5 %
III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST
III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %
III. (10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR
III. (11)* SUPPLY COSTS ESCALATION RATE	0 %
III. (12)* UTILITY DISCOUNT RATE	0.0799
III. (13)* UTILITY AFUDC RATE	0.0779
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	281,675.00 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

AVOIDED GENERATOR, TRANS. & DIST COSTS

IV. (1) BASE YEAR	2011
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2013
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	653.55 \$/KW
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/KW
IV. (6) BASE YEAR DISTRIBUTION COST	0 \$/KW
IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.3 %
IV. (8) GENERATOR FIXED O & M COST	20.35 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.1 %
IV. (10) TRANSMISSION FIXED O & M COST	0 \$/KW/YR
IV. (11) DISTRIBUTION FIXED O & M COST	0 \$/KW/YR
IV. (12) T&D FIXED O&M ESCALATION RATE	2.1 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.379 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1 %
IV. (15) GENERATOR CAPACITY FACTOR	1.5 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	8.05 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	2.28 %
IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$/KW/YR
IV. (19)* CAPACITY COST ESCALATION RATE	0 %

NON-FUEL ENERGY AND DEMAND CHARGES

V. (1) NON-FUEL COST IN CUSTOMER BILL	1.756 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	10.610 \$/KW/MO
V. (4) DEMAND CHARGE ESCALATION RATE	1 %
V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	0

CALCULATED BENEFITS AND COSTS

(1)* TRC TEST - BENEFIT/COST RATIO	34.58
(2)* PARTICIPANT NET BENEFITS (NPV)	6,943
(3)* RIM TEST - BENEFIT/COST RATIO	1.2000

DOCKET NO. 100002-EG
 ECCR 2011 PROJECTION
 EXHIBIT HTB-2, PAGE 1 OF 4
 REVISED: OCTOBER 7, 2010

111

TOTAL RESOURCE COST TESTS
PROGRAM: GSLM 2&3

PSC FORM CE 2.3
Page 1 of 1
October 6, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T & D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	0	110	0	0	110	0	0	19	0	19	(92)	(92)
2012	0	114	0	0	114	0	0	57	0	57	(57)	(144)
2013	0	3	0	0	3	925	0	79	0	1,003	1,000	713
2014	0	3	0	0	3	901	0	76	0	977	974	1,487
2015	0	3	0	0	3	873	0	78	41	992	989	2,214
2016	0	3	0	0	3	847	0	82	43	971	968	2,873
2017	0	3	0	0	3	822	0	82	45	949	946	3,469
2018	0	3	0	0	3	799	0	85	47	930	927	4,010
2019	0	3	0	0	3	778	0	81	49	908	904	4,499
2020	0	3	0	0	3	756	0	82	52	890	887	4,943
2021	0	4	0	0	4	735	0	84	54	874	870	5,347
2022	0	4	0	0	4	714	0	88	57	859	855	5,714
2023	0	4	0	0	4	693	0	93	60	846	842	6,049
2024	0	4	0	0	4	672	0	94	63	829	825	6,352
2025	0	4	0	0	4	651	0	95	66	812	808	6,628
2026	0	4	0	0	4	630	0	98	69	798	794	6,878
2027	0	4	0	0	4	609	0	104	73	785	781	7,107
2028	0	4	0	0	4	591	0	108	77	775	771	7,316
2029	0	4	0	0	4	580	0	104	80	765	760	7,506
2030	0	4	0	0	4	572	0	107	84	763	759	7,682
2031	0	4	0	0	4	563	0	108	89	760	755	7,845
2032	0	4	0	0	4	555	0	117	93	765	761	7,996
2033	0	5	0	0	5	547	0	115	98	759	755	8,135
2034	0	5	0	0	5	539	0	114	103	755	750	8,263
2035	0	5	0	0	5	531	0	118	108	757	752	8,382
NOMINAL	0	311	0	0	311	15,881	0	2,267	1,449	19,596	19,285	
NPV:	0	250	0	0	250	7,225	0	927	480	8,632	8,382	
Discount Rate		0.0799	Benefit/Cost Ratio - [col (11)/col (6)]:					34.58				

112

PARTICIPANT COSTS AND BENEFITS
PROGRAM: GSLM 2&3

PSC FORM CE 2.4
Page 1 of 1
October 6, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILL \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O & M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	19	0	141	0	160	0	0	0	0	160	160
2012	58	0	423	0	481	0	0	0	0	481	605
2013	78	0	563	0	642	0	0	0	0	642	1,156
2014	80	0	563	0	643	0	0	0	0	643	1,666
2015	82	0	563	0	645	0	0	0	0	645	2,140
2016	84	0	563	0	647	0	0	0	0	647	2,581
2017	86	0	563	0	650	0	0	0	0	650	2,991
2018	90	0	563	0	653	0	0	0	0	653	3,372
2019	91	0	563	0	654	0	0	0	0	654	3,726
2020	93	0	563	0	656	0	0	0	0	656	4,054
2021	96	0	563	0	659	0	0	0	0	659	4,360
2022	98	0	563	0	662	0	0	0	0	662	4,644
2023	100	0	563	0	664	0	0	0	0	664	4,908
2024	103	0	563	0	667	0	0	0	0	667	5,153
2025	105	0	563	0	669	0	0	0	0	669	5,381
2026	108	0	563	0	671	0	0	0	0	671	5,593
2027	112	0	563	0	675	0	0	0	0	675	5,790
2028	114	0	563	0	678	0	0	0	0	678	5,974
2029	116	0	563	0	679	0	0	0	0	679	6,144
2030	119	0	563	0	683	0	0	0	0	683	6,303
2031	122	0	563	0	686	0	0	0	0	686	6,450
2032	126	0	563	0	689	0	0	0	0	689	6,587
2033	128	0	563	0	692	0	0	0	0	692	6,715
2034	131	0	563	0	695	0	0	0	0	695	6,833
2035	135	0	563	0	698	0	0	0	0	698	6,943
NOMINAL	2,475	0	13,520	0	15,996	0	0	0	0	15,996	
NPV:	997	0	5,947	0	6,943	0	0	0	0	6,943	

In service year of gen unit: 2013
Discount rate: 0.0799

113

PSC FORM CE 2.5
Page 1 of 1
October 6, 2010

DOCKET NO. 100002-EG
ECCR 2011 PROJECTION
EXHIBIT HTB-2, PAGE 4 OF 4
REVISED: OCTOBER 7, 2010