

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
 CONSERVATION ADJUSTMENT TRUE-UP  
 FOR MONTHS January-01 THROUGH December-01

SCHEDULE CT-1  
 PAGE 1 OF 1

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS	January-01	THROUGH December-01
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>27,519</u>	
5.	INTEREST	<u>689</u>	<u>28,208</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-00 (DATE) HEARINGS		
8.	PRINCIPAL	<u>21,013</u>	
9.	INTEREST	<u>735</u>	<u>21,748</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>6,460</u></u>

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 020002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-1)  
 PAGE 1 OF 36

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ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

FOR MONTHS		January-01	THROUGH	December-01	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	79,554		75,308	4,246
2.	ADVERTISING	53,135		56,032	(2,897)
3.	LEGAL	254		1,829	(1,575)
4.	OUTSIDE SERVICES/CONTRACT	3,170		2,843	327
5.	VEHICLE COST	13,004		13,041	(37)
6.	MATERIAL & SUPPLIES	11,440		5,302	6,138
7.	TRAVEL	8,387		10,966	(2,579)
8.	GENERAL & ADMIN	12,781		10,240	2,541
9.	INCENTIVES	0		280	(280)
10.	OTHER	779		627	152
11.	SUB-TOTAL	182,504		176,468	6,036
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	182,504		176,468	6,036
14.	LESS. PRIOR PERIOD TRUE-UP	(8,085)		(8,085)	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	163,070		163,540	(470)
17.	ROUNDING ADJUSTMENT				
18.	TRUE-UP BEFORE INTEREST	27,519		21,013	6,506
19.	ADD INTEREST PROVISION	689		735	(46)
20.	END OF PERIOD TRUE-UP	28,208		21,748	6,460

() REFLECTS OVERRECOVERY  
\* 8 MONTHS ACTUAL AND 4 MONTHS PROJECTED

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 2 OF 36

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-2  
PAGE 2 OF 3

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-01 THROUGH December-01

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	34,163	1,294	94	88	13,004	1,633	4,977	9,607	0	779	65,639	65,639	
11	Residential Geothermal Heat Pump	1,329	0	0	0	0	737	22	0	0	0	2,088	2,088	
12	GoodCents Home/Energy Star	16,027	22,448	63	2,209	0	4,440	1,720	1,485	0	0	48,392	48,392	
13	GoodCents Energy Survey Program	15,173	20,710	0	853	0	2,422	1,003	0	0	0	40,161	40,161	
14	GoodCents Loan Program	1,277	7,153	97	20	0	597	114	0	0	0	9,258	9,258	
15	GoodCents Commercial Building	5,033	404	0	0	0	1,111	318	1,262	0	0	8,128	8,128	
16	GoodCents Commercial Tech Assistance	8,370	1,126	0	0	0	500	203	427	0	0	8,626	8,626	
17	Low Income	91	0	0	0	0	0	15	0	0	0	106	106	
18	Affordable Housing/Builders Program	91	0	0	0	0	0	15	0	0	0	106	106	
		0	0	0	0	0	0	0	0	0	0	0	0	
<hr/>														
TOTAL ALL PROGRAMS														
		79,554	53,135	254	3,170	13,004	11,440	8,387	12,781	0	779	182,504	0	182,504

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 3 OF 36

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

FOR MONTHS January-01 THROUGH December-01

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	(803)	496	(1,576)	0	2,143	425	899	2,301	0	152	3,837	0	3,837
11 Residential Geothermal Heat Pump	(1)	(1,670)	0	0	(330)	637	(148)	(330)	0	0	(1,842)	0	(1,842)
12 GoodCents Home/Energy Star	3,573	2,687	1	1,657	(330)	2,307	(1,400)	1,155	(260)	0	9,370	0	9,370
13 GoodCents Energy Survey Program	2,591	1,438	0	0	(400)	1,270	(730)	(330)	0	0	3,839	0	3,839
14 GoodCents Loan Program	(1,795)	(1,084)	0	0	(400)	400	(30)	(330)	0	0	(3,239)	0	(3,239)
15 GoodCents Commercial Building	866	(2,547)	0	(1,000)	(330)	729	(670)	505	0	0	(2,447)	0	(2,447)
16 GoodCents Commercial Tech Assistance	293	(2,217)	0	(330)	(330)	430	(330)	(330)	0	0	(2,814)	0	(2,814)
17 Low Income	(239)	0	0	0	(30)	(30)	15	(50)	0	0	(334)	0	(334)
18 Affordable Housing/Builders Program	(239)	0	0	0	(30)	(30)	15	(50)	0	0	(334)	0	(334)
<b>TOTAL ALL PROGRAMS</b>	<b>4,246</b>	<b>(2,897)</b>	<b>(1,575)</b>	<b>327</b>	<b>(37)</b>	<b>6,138</b>	<b>(2,579)</b>	<b>2,541</b>	<b>(280)</b>	<b>152</b>	<b>6,036</b>	<b>0</b>	<b>6,036</b>

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

FOR MONTHS		January-01	THROUGH	December-01										
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	6,395	6,710	7,800	5,060	6,179	4,560	4,204	6,164	4,194	4,803	7,043	2,527	65,639
11	Residential Geothermal Heat Pump	0	0	0	0	0	0	0	0	342	1,156	417	173	2,088
12	GoodCents Home/Energy Star	3,698	5,134	1,854	4,007	5,692	2,930	1,974	4,023	4,474	5,210	4,138	5,258	48,392
13	GoodCents Energy Survey Program	4,176	4,142	2,387	3,489	2,951	2,912	2,596	4,509	2,812	2,961	2,414	4,812	40,161
14	GoodCents Loan Program	455	1,428	550	952	611	721	1,138	782	1,395	617	204	405	9,258
15	GoodCents Commercial Building	783	555	484	621	370	388	584	390	786	788	652	1,727	8,128
16	GoodCents Commercial Tech Assistance	1,092	866	573	514	614	213	1,218	620	540	1,056	738	582	8,626
17	Low Income	0	0	0	0	0	0	0	0	106	0	0	0	106
18	Affordable Housing/Builders Program	0	0	0	0	0	0	0	0	106	0	0	0	106
19		0	1	0	78	1,267	(1,213)	(134)	1	0	0	0	0	0
20														
21	TOTAL ALL PROGRAMS	16,599	18,836	13,648	14,721	17,684	10,511	11,580	16,489	14,755	16,591	15,606	15,484	182,504
22	LESS AMOUNT INCLUDED IN RATE BASE													
23	RECOVERABLE CONSERVATION EXPENSES	16,599	18,836	13,648	14,721	17,684	10,511	11,580	16,489	14,755	16,591	15,606	15,484	182,504

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

PAGE 2 OF 3

FOR MONTHS January-01 THROUGH December-01

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1 RESIDENTIAL CONSERVATION													0
2 CONSERVATION ADJ REVENUES	16,563	12,703	10,976	11,054	11,545	14,320	16,475	15,792	15,934	13,064	12,279	12,365	163,070
3 TOTAL REVENUES	16,563	12,703	10,976	11,054	11,545	14,320	16,475	15,792	15,934	13,064	12,279	12,365	163,070
4 PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	(674)	(674)	(674)	(674)	(674)	(674)	(674)	(674)	(674)	(674)	(674)	(671)	(8,085)
5 CONSERVATION REVENUE APPLICABLE	15,889	12,029	10,302	10,380	10,871	13,646	15,801	15,118	15,260	12,390	11,605	11,694	154,985
6 CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	16,599	18,836	13,648	14,721	17,684	10,511	11,580	16,489	14,755	16,591	15,606	15,484	182,504
7 TRUE-UP THIS PERIOD (LINE 5 - 6)	(710)	(6,807)	(3,346)	(4,341)	(6,813)	3,135	4,221	(1,371)	505	(4,201)	(4,001)	(3,790)	(27,519)
8 INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	(42)	(50)	(66)	(74)	(83)	(82)	(65)	(56)	(48)	(40)	(41)	(42)	(689)
9 TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(8,085)	(8,163)	(14,346)	(17,084)	(20,825)	(27,047)	(23,320)	(18,490)	(19,243)	(18,112)	(21,679)	(25,047)	(8,085)
9A DEFERRED TRUE-UP BEGINNING OF PERIOD													
10 PRIOR TRUE-UP COLLECTED (REFUNDED)	674	674	674	674	674	674	674	674	674	674	674	671	8,085
11 TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	(8,163)	(14,346)	(17,084)	(20,825)	(27,047)	(23,320)	(18,490)	(19,243)	(18,112)	(21,679)	(25,047)	(28,208)	(28,208)

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 6 OF 36

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

PAGE 3 OF 3

FOR MONTHS January-01 THROUGH December-01

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	BEGINNING TRUE-UP (LINE B-9)	(8,085)	(8,163)	(14,346)	(17,084)	(20,825)	(27,047)	(23,320)	(18,490)	(19,243)	(18,112)	(21,679)	(25,047)	(8,085)
2	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	(8,121)	(14,296)	(17,018)	(20,751)	(26,964)	(23,238)	(18,425)	(19,187)	(18,064)	(21,639)	(25,006)	(28,166)	(27,519)
3	TOTAL BEG AND ENDING TRUE-UP	(16,206)	(22,459)	(31,364)	(37,835)	(47,789)	(50,285)	(41,745)	(37,677)	(37,307)	(39,751)	(46,685)	(53,213)	(35,604)
4	AVERAGE TRUE-UP (LINE C-3 X 50%)	(8,103)	(11,230)	(15,682)	(18,918)	(23,895)	(25,143)	(20,873)	(18,839)	(18,654)	(19,876)	(23,343)	(26,607)	(17,802)
5	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	6.50%	5.55%	5.15%	5.00%	4.37%	3.94%	3.80%	3.67%	3.47%	2.67%	2.22%	2.04%	
6	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.55%	5.15%	5.00%	4.37%	3.94%	3.80%	3.67%	3.47%	2.67%	2.22%	2.04%	1.78%	
7	TOTAL (LINE C-5 + C-6)	12.05%	10.70%	10.15%	9.37%	8.31%	7.74%	7.47%	7.14%	6.14%	4.89%	4.26%	3.82%	
8	AVG INTEREST RATE (C-7 X 50%)	6.03%	5.35%	5.08%	4.69%	4.16%	3.87%	3.74%	3.57%	3.07%	2.45%	2.13%	1.91%	
9	MONTHLY AVERAGE INTEREST RATE	0.502%	0.446%	0.423%	0.390%	0.346%	0.323%	0.311%	0.298%	0.266%	0.204%	0.178%	0.159%	
10	INTEREST PROVISION (LINE C-4 X C-9)	(42)	(50)	(66)	(74)	(83)	(82)	(65)	(56)	(48)	(40)	(41)	(42)	(689)

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 7 OF 36

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-4  
PAGE 1 OF 1

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

FOR MONTHS January-01 THROUGH December-01

PROGRAM NAME:		BEGINNING														
		OF PERIOD	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	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 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 8 OF 36



COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-5  
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF  
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS January-01 THROUGH December-01

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 9 OF 36

1. Residential Geothermal Heat Pump
2. GoodCents Home/Energy Star Program
3. GoodCents Energy Survey Program
4. GoodCents Commercial Building Program
5. GoodCents Commercial technical Assistance Program
6. Educational/Low Income
7. Educational/Affordable Housing Builders and Providers Program

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 020002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-2)  
PAGE 10 OF 36

PROGRAM TITLE: Residential Geothermal Heat Pump

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 also 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 proposed 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. The Department of Energy (DOE) is touting geothermal technology as 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 ACCOMPLISHMENTS: Even though there are no goals set for this program we continue to promote this technology to our customers and HVAC contractors. We continue to see an increase in interest as our customers learn more about this technology.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2001 through December 31, 2001 were \$2,088.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we feel confident that by our efforts to promote this technology we will see a number of geothermal installations. We will educate contractors by offering Geothermal Certification classes and develop a network of installers in order to better promote this highly efficient heating and cooling source.

PROGRAM TITLE: GoodCents Home/Energy Star Program

PROGRAM DESCRIPTION: The GoodCents Home Program has long been the standard for energy efficient construction in Northwest 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 it 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 ACCOMPLISHMENTS: The year's goal is 28. A total of 53 GoodCents Homes have been built during this reporting period.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$48,392.

PROGRAM PROGRESS SUMMARY: We've enhanced our efforts in promoting contractor participation and customer benefits. We have conducted open house days to provide information to prospective home builders and information presentations have been made to educate area builders, realtors and suppliers. Through our increased efforts we have seen our participation numbers rise over the past year and we will continue to build on our success with even greater creative marketing efforts in order to reach our goal.

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 will encourage 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 audit process, the customer is provided with specific whole-house recommendations. Also during the survey process duct leakage will be addressed. If a problem is identified recommendations will be made for further analysis and repairs. Through follow-up audit work, FPUC monitors and tracks the installation of the cost-effective conservation features and/or duct leakage repairs.

The conservation measures, once implemented, also lower FPUC's energy requirements, as well as improve operating efficiencies. 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 ACCOMPLISHMENTS: The goal for this program is 150 participants. This has been a very successful program to date. Audits have been conducted for 269 customers at the end of this reporting period.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$40,161.

PROGRAM PROGRESS SUMMARY: We feel confident that by our efforts to promote this program through newspaper, radio and cable TV that we will continue to exceed our participant goals in this program in the future.

PROGRAM TITLE: GoodCents Loan Program

PROGRAM DESCRIPTION: The objective of the GoodCents Loan Program is to provide FPUC's residential customers a vehicle to encourage installation of energy conservation features in their homes. The GoodCents Loan Program provides financing for up to \$20,000 for a period of 12 years to customers that choose to install energy conservation features in their existing homes.

The program is designed to work in conjunction with FPUC's approved GoodCents Energy Survey Program. During the survey process, the customer is provided with specific whole-house recommendations. An FPUC representative will submit a completed loan application once the customer decides to install the conservation features. After the application has been approved, the customer will contact a contractor to install the recommended conservation features. After the work is completed, an inspection is performed by FPUC to ensure all energy conservation features covered by the loan are installed. Confirmation of the installed features is provided to the participating bank. The increased operating efficiencies of the installed features provide a reduction in weather sensitive peak demand as well as a reduction in overall energy consumption.

PROGRAM ACCOMPLISHMENTS: This year's goal is 15 program participants. During this reporting period we have completed 2 loans.

PROGRAM FISCAL EXPENDITURES: Expenditures for the reporting period January 1, 2001 through December 31, 2001 were \$9,258.

PROGRAM PROGRESS SUMMARY: To insure the success of this program we are pursuing other financial institutions so as to make it more convenient and appealing to our customers. We will continue to advertise this program on cable TV, radio and newspaper. During Residential Surveys we will also inform residents of the advantages of this program. We continue to work with area realtors and contractors by providing them with program materials that will enhance their efforts to inform customers of this program.

PROGRAM TITLE: GoodCents Commercial Building Program

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

The promotion of the GoodCents 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 Building Program, the GoodCents standards for our average commercial building 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. The AXCESS - Energy Analysis Computer Program (AXCESS) is used in calculating kW and kWh difference.

PROGRAM ACCOMPLISHMENTS: This year's goal is 5 and for this reporting period we have had 7 GoodCents Building qualifications in the Marianna service territory.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$8,128.

PROGRAM PROGRESS SUMMARY: We feel that we will continue our success with this program as we further develop relations with architects and contractors to gain knowledge of possible projects. We have laid the foundation of customer trust in this area through our GoodCents Commercial Technical Assistance Program and with this relationship we feel we will continue to exceed our program goal.

PROGRAM TITLE: GoodCents Commercial Technical Audit Assistance 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 Consultant of the customer's facility operation, equipment and energy usage pattern. The consultant identifies areas of potential reduction in kW and kWh consumption as well as identifying end-use technology opportunities. A technical evaluation is then performed which often includes performing an AXCESS simulation in order to ascertain an economy payback or life cycle cost analysis 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: This year's goal is 17 and a total of 27 GoodCents Commercial Technical Audits were completed during this reporting period.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$8,626.

PROGRAM PROGRESS SUMMARY: This program has been very successful and we are optimistic that our commercial/Industrial customers will involve us to a greater extent in future projects based upon the relationship of trust and knowledge.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 020002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-2)  
PAGE 16 OF 36



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 survey, that FPUC currently offers.

PROGRAM ACCOMPLISHMENTS: For January 2001- through December 2001: There are no goals set for this program.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$106.

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

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 seminars and/or workshops. FPUC will work with all sponsors to reduce or eliminate attendance fees for affordable housing providers.

PROGRAM PROJECTION: For January 2001 through December 2001: There is no goal for this program.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$106.

PROGRAM PROGRESS SUMMARY: This program will continue to 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.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 020002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-2)  
PAGE 18 OF 36

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-1

CONSERVATION ADJUSTMENT TRUE-UP

PAGE 1 OF 1

FOR MONTHS January-01 THROUGH December-01

1	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-01 THROUGH December-01		
3.	END OF PERIOD NET TRUE-UP		
4	PRINCIPAL	<u>15,488</u>	
5	INTEREST	<u>41</u>	<u>15,529</u>
6.	LESS PROJECTED TRUE-UP		
7	November-00 (DATE) HEARINGS		
8.	PRINCIPAL	<u>6,350</u>	
9.	INTEREST	<u>8</u>	<u>6,358</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>9,171</u></u>

EXHIBIT NO \_\_\_\_\_  
DOCKET NO. 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 19 OF 36

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

FOR MONTHS January-01 THROUGH December-01

	<u>ACTUAL</u>	<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1. LABOR/PAYROLL	63,462	67,689	(4,227)
2. ADVERTISING	59,664	52,844	6,820
3. LEGAL	669	1,739	(1,070)
4. OUTSIDE SERVICES/CONTRACT	3,505	5,070	(1,565)
5. VEHICLE COST	8,679	9,534	(855)
6. MATERIAL & SUPPLIES	10,122	7,029	3,093
7. TRAVEL	6,813	9,873	(3,060)
8. GENERAL & ADMIN	22,278	12,974	9,304
9. INCENTIVES	0	0	0
10. OTHER	358	1,850	(1,492)
11. SUB-TOTAL	175,550	168,602	6,948
12. PROGRAM REVENUES			
13. TOTAL PROGRAM COSTS	175,550	168,602	6,948
14. LESS: PRIOR PERIOD TRUE-UP	(267)	(267)	0
15. AMOUNTS INCLUDED IN RATE BASE			
16. CONSERVATION ADJ REVENUE	160,329	162,519	(2,190)
17. ROUNDING ADJUSTMENT			
18. TRUE-UP BEFORE INTEREST	15,488	6,350	9,138
19. ADD INTEREST PROVISION	41	8	33
20. END OF PERIOD TRUE-UP	15,529	6,358	9,171

() REFLECTS OVERRECOVERY

\* 8 MONTHS ACTUAL AND 4 MONTHS PROJECTED

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-01 THROUGH December-01

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.											0		0
2.											0		0
3.											0		0
4.											0		0
5.											0		0
6.											0		0
7.											0		0
8.											0		0
9.											0		0
10 Common	29,082	12,001	600	141	8,679	618	6,346	16,842	0	358	74,667		74,667
11 Residential Geothermal Heat Pump	1,582	0	0	0	0	500	0	0	0	0	2,082		2,082
12 GoodCents Home/Energy Star	10,262	24,180	69	2,376	0	3,193	467	4,521	0	0	45,068		45,068
13 GoodCents Energy Survey Program	11,112	22,853	0	884	0	2,214	0	300	0	0	37,363		37,363
14. GoodCents Loan Program	2,059	0	0	(106)	0	500	0	0	0	0	2,453		2,453
15. GoodCents Commercial Building	5,129	0	0	0	0	2,602	0	343	0	0	8,074		8,074
16 GoodCents Commercial Tech Assistance	3,747	430	0	210	0	495	0	272	0	0	5,154		5,154
17. Low Income	342	200	0	0	0	0	0	0	0	0	542		542
18 Affordable Housing/Builders Program	147	0	0	0	0	0	0	0	0	0	147		147
19.	0	0	0	0	0	0	0	0	0	0	0		0
20.													
TOTAL ALL PROGRAMS	63,462	59,664	669	3,505	8,679	10,122	6,813	22,278	0	358	175,550	0	175,550

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

FOR MONTHS January-01 THROUGH December-01

PROGRAM NAME	LABOR	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS	TRAVEL	GENERAL	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
	& PAYROLL					& ADMIN.							
1													
2													
3													
4													
5													
6													
7													
8													
9													
10 Common	629	9,439	(1,070)	0	2,695	220	1,350	10,532	0	208	24,003	0	24,003
11 Residential Geothermal Heat Pump	(728)	(1,000)	0	(330)	(430)	500	(330)	(220)	0	(30)	(2,568)	0	(2,568)
12 GoodCents Home/Energy Star	(1,045)	2,818	0	2,285	(670)	1,063	(2,830)	(5)	0	(950)	666	0	666
13 GoodCents Energy Survey Program	(3,181)	283	0	0	(1,170)	1,065	(330)	(900)	0	(120)	(4,353)	0	(4,353)
14 GoodCents Loan Program	(734)	(4,000)	0	0	(380)	0	(170)	(200)	0	(30)	(5,514)	0	(5,514)
15 GoodCents Commercial Building	1,115	(170)	0	(1,170)	(350)	0	(220)	207	0	(450)	(1,038)	0	(1,038)
16 GoodCents Commercial Tech Assistance	(136)	260	0	(2,350)	(400)	245	(330)	(100)	0	(120)	(2,931)	0	(2,931)
17 Low Income	5	(670)	0	0	(100)	0	(133)	(10)	0	0	(908)	0	(908)
18 Affordable Housing/Builders Program	(152)	(140)	0	0	(50)	0	(67)	0	0	0	(409)	0	(409)
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20													
TOTAL ALL PROGRAMS	(4,227)	6,820	(1,070)	(1,565)	(855)	3,093	(3,060)	9,304	0	(1,492)	6,948	0	6,948

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

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-01 THROUGH December-01

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	2,957	6,803	5,460	4,994	4,674	4,710	4,938	5,688	5,804	7,741	13,861	7,037	74,667
11	Residential Geothermal Heat Pump	17	33	60	37	73	84	308	368	787	131	94	90	2,082
12	GoodCents Home/Energy Star	2,147	7,938	2,151	3,335	4,524	2,257	1,584	4,174	4,752	5,424	4,476	2,306	45,068
13	GoodCents Energy Survey Program	1,607	5,971	4,155	3,800	3,226	2,987	2,507	4,512	3,678	1,704	1,634	1,582	37,363
14	GoodCents Loan Program	300	103	259	689	117	125	122	182	133	134	139	150	2,453
15	GoodCents Commercial Building	480	504	316	2,721	588	511	440	472	488	447	737	370	8,074
16	GoodCents Commercial Tech Assistance	589	44	159	37	268	746	844	348	739	317	618	445	5,154
17	Low Income	0	33	60	0	0	0	29	245	22	44	46	63	542
18	Affordable Housing/Builders Program	0	33	60	0	0	0	29	7	0	0	0	18	147
19		0	0	0	0	0	0	0	0	0	0	0	0	0
20														
21	TOTAL ALL PROGRAMS	8,097	21,462	12,680	15,613	13,470	11,420	10,801	15,996	16,403	15,942	21,605	12,061	175,550
22	LESS AMOUNT INCLUDED IN RATE BASE													
23	RECOVERABLE CONSERVATION EXPENSES	8,097	21,462	12,680	15,613	13,470	11,420	10,801	15,996	16,403	15,942	21,605	12,061	175,550

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 23 OF 36

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

PAGE 2 OF 3

FOR MONTHS January-01 THROUGH December-01

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1 RESIDENTIAL CONSERVATION													0
2 CONSERVATION ADJ REVENUES	15,683	13,846	12,370	12,730	12,212	13,701	15,534	15,265	14,158	12,344	11,134	11,352	160,329
3 TOTAL REVENUES	15,683	13,846	12,370	12,730	12,212	13,701	15,534	15,265	14,158	12,344	11,134	11,352	160,329
4 PRIOR PERIOD TRUE-UP ADJ NOT APPLICABLE TO THIS PERIOD	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(25)	(267)
5 CONSERVATION REVENUE APPLICABLE	15,661	13,824	12,348	12,708	12,190	13,679	15,512	15,243	14,136	12,322	11,112	11,327	160,062
6 CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	8,097	21,462	12,680	15,613	13,470	11,420	10,801	15,996	16,403	15,942	21,605	12,061	175,550
7 TRUE-UP THIS PERIOD (LINE 5 - 6)	7,564	(7,638)	(332)	(2,905)	(1,280)	2,259	4,711	(753)	(2,267)	(3,620)	(10,493)	(734)	(15,488)
8 INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	18	15	(2)	(8)	(15)	(12)	(1)	6	1	(4)	(16)	(23)	(41)
9 TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(267)	7,337	(264)	(576)	(3,467)	(4,740)	(2,471)	2,261	1,536	(708)	(4,310)	(14,797)	(267)
9A DEFERRED TRUE-UP BEGINNING OF PERIOD													
10 PRIOR TRUE-UP COLLECTED (REFUNDED)	22	22	22	22	22	22	22	22	22	22	22	25	267
11 TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	7,337	(264)	(576)	(3,467)	(4,740)	(2,471)	2,261	1,536	(708)	(4,310)	(14,797)	(15,529)	(15,529)

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 24 OF 36



COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

PAGE 3 OF 3

FOR MONTHS January-01 THROUGH December-01

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	BEGINNING TRUE-UP (LINE B-9)	(267)	7,337	(264)	(576)	(3,467)	(4,740)	(2,471)	2,261	1,536	(708)	(4,310)	(14,797)	(267)
2	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	7,319	(279)	(574)	(3,459)	(4,725)	(2,459)	2,262	1,530	(709)	(4,306)	(14,781)	(15,506)	(15,488)
3	TOTAL BEG AND ENDING TRUE-UP	7,052	7,058	(838)	(4,035)	(8,192)	(7,199)	(209)	3,791	827	(5,014)	(19,091)	(30,303)	(15,755)
4	AVERAGE TRUE-UP (LINE C-3 X 50%)	3,526	3,529	(419)	(2,018)	(4,096)	(3,600)	(105)	1,896	414	(2,507)	(9,546)	(15,152)	(7,878)
5	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	6.50%	5.55%	5.15%	5.00%	4.37%	3.94%	3.80%	3.67%	3.47%	2.67%	2.22%	2.04%	
6	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.55%	5.15%	5.00%	4.37%	3.94%	3.80%	3.67%	3.47%	2.67%	2.22%	2.04%	1.78%	
7	TOTAL (LINE C-5 + C-6)	12.05%	10.70%	10.15%	9.37%	8.31%	7.74%	7.47%	7.14%	6.14%	4.89%	4.26%	3.82%	
8	AVG INTEREST RATE (C-7 X 50%)	6.03%	5.35%	5.08%	4.69%	4.16%	3.87%	3.74%	3.57%	3.07%	2.45%	2.13%	1.91%	
9	MONTHLY AVERAGE INTEREST RATE	0.502%	0.446%	0.423%	0.390%	0.346%	0.323%	0.311%	0.298%	0.256%	0.204%	0.178%	0.159%	
10	INTEREST PROVISION (LINE C-4 X C-9)	18	15	(2)	(8)	(15)	(12)	(1)	6	1	(4)	(16)	(23)	(41)

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 25 OF 36

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-4  
PAGE 1 OF 1

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

FOR MONTHS January-01 THROUGH December-01

PROGRAM NAME:	BEGINNING OF PERIOD	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	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 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 26 OF 36

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-5  
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF  
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS January-01 THROUGH December-01

AUDIT EXCEPTION

TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE

EXHIBIT NO \_\_\_\_\_  
DOCKET NO 020002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-1)  
PAGE 27 OF 36

1. AFFORDABLE HOUSING BUILDERS AND PROVIDERS PROGRAM
2. RESIDENTIAL GEOTHERMAL HEAT PUMP
3. GOODCENTS ENERGY SURVEY
4. LOW INCOME CUSTOMER ENERGY AUDITS
5. GOODCENTS LOAN PROGRAM
6. GOOD CENTS HOME/ ENERGY STAR
7. GOOD CENTS COMMERCIAL BUILDING
8. GOODCENTS COMMERCIAL TECHNICAL ASSISTANCE

EXHIBIT NO. \_\_\_\_\_

DOCKET NO. 000002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-2)  
PAGE 28 OF 36

PROGRAM TITLE: Affordable Housing Builders and Providers Program

PROGRAM DESCRIPTION: The objective of the Affordable Housing Builders and Providers Program is to provide Florida Public Utilities Company's affordable housing builders guidance concerning energy efficiency in new construction. The program promotes energy efficient home construction techniques by evaluating components in the categories of design and construction practices. These categories include: wall insulation, doors, windows, perimeter/floor insulation, moisture/infiltration barriers, attic/ceiling insulation, attic ventilation systems, centsable duct systems, centsable water heating systems, and HVAC systems.

PROGRAM ACCOMPLISHMENTS: The local Habitat for Humanity organization has accepted these practices and has contributed six homes to the GoodCents /Energy Star program.

PROGRAM FISCAL EXPENDITURES: The expenditures January 1, 2001 through December 31, 2001 were \$147.00

PROGRAM PROGRESS SUMMARY: Program accomplishments in this category are tabulated within our GoodCents / Energy Star program.

PROGRAM TITLE: Residential Geothermal Heat Pump

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 proposed 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. The Department of Energy (DOE) is touting geothermal technology as 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 ACCOMPLISHMENTS: At this time we have had one geothermal installation completed in our service area within the reporting period. Many customers are beginning to learn more about this technology, therefore, we are confident that we will see a greater number of geothermal installations in the future.

PROGRAM FISCAL EXPENDITURES: The expenditures January 1, 2001 through December 31, 2001 were \$2,082.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we feel confident that by our efforts to promote this technology we will see a number of geothermal installations in our service areas in the coming years. We will continue to educate customers and strive to develop a network of installers in order to better promote this highly energy efficient heating and cooling source.

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 will encourage 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. Through follow-up audit work, FPUC monitors and tracks the implementation of these measures.

The "Appliance Efficiency Education" DSM program from JEA's DSM Plan will be incorporated into these residential energy audits. The customer will be educated on the expense of operating a second refrigerator or freezer and on the value of a high efficiency pool pump. The resulting increase in operating efficiencies will provide for a reduction in weather-sensitive peak demand, as well as a reduction in energy consumption.

PROGRAM ACCOMPLISHMENTS: The goal for this program is 150 participants. This has been a very successful program to date. Surveys have been conducted for 564 customers at the close of this reporting period.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$37,363.

PROGRAM PROGRESS SUMMARY: We feel confident that by our efforts to promote this program through newspaper and cable TV that we will see increased participation in this program in the future.

PROGRAM TITLE : Low Income Customer Energy Audits

PROGRAM DESCRIPTION: FPUC has provided low income customers benefits through its energy conservation programs for many years. Although programs are offered to customers without discrimination, the company recognizes that a customer may be less likely to participate in a particular program due to various circumstances, including lack of disposable income. FPUC does not directly identify low income participants, but base on experience and observations, it is apparent that low income customers are participating at levels similar to the overall residential customer population.

Every FPUC customer is eligible for an FPUC residential energy survey, but the survey recommendations usually require the customer to spend money replacing equipment, upgrading features or completing energy conservation measures. Low income persons may not have the discretionary income to make these changes. In an effort to further assist FPUC's low income customers, FPUC will work with a local weatherization agency to provide weatherization energy audits for low income customers. FPUC will pay for these weatherization energy audits for any FPUC customer through the state weatherization program. The estimated cost per audit is \$50.

PROGRAM ACCOMPLISHMENTS: No low-income customer audits have been completed to date.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$542.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we feel confident that by continually educating the consumer as well as the proper agencies we will be able to contribute to the overall success of lowering peak loads.



PROGRAM TITLE: GoodCents Loan Program

PROGRAM DESCRIPTION: The objective of the GoodCents Loan Program is to provide FPUC's residential customers a vehicle to encourage installation of energy conservation features in their homes. This below-market interest rate loan program provides financing to customers that choose to install energy conservation features in their existing homes.

The program is designed to work in conjunction with FPUC's approved Residential Energy Audit Program. During the audit process, the customer is provided with specific whole-house recommendations. An FPUC representative will submit a completed loan application to the participating bank once the customer decides to install the conservation features. After the application has been approved, the customer will contact a licensed contractor to install the recommended conservation features. After the work is completed, an inspection is performed by FPUC to ensure all energy conservation features covered by the loan are installed. Confirmation of the installed features is provided to the participating bank. The increased operating efficiencies of the installed features provide a reduction in weather sensitive peak demand as well as a reduction in overall energy consumption.

PROGRAM ACCOMPLISHMENTS: This year's goal is thirteen (13) program participants. To date one (1) FPUC Express Loan has been completed. Program participation is expected to increase as contractors, realtors and customers become more aware of the availability of the program.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$2,453.

PROGRAM PROGRESS SUMMARY: Full implementation of this program has begun. We feel this program will succeed due to increased advertising and our new promotional efforts. During Residential Audits we will also inform residents of the advantages of this program. We will continue to develop close relationships with area realtors and contractors by providing them with program materials that will enhance their efforts to inform customers of this program.

PROGRAM TITLE: Good Cents Home/ Energy Star Program

PROGRAM DESCRIPTION: The objective of the Enhanced Good Cents Home Program is to provide Florida Public Utilities Company's residential customers guidance concerning energy efficiency in new construction. The program promotes energy efficient home construction techniques by evaluating components in the categories of design and construction practices. These categories include: wall insulation, doors, windows, perimeter/floor insulation, moisture/infiltration barriers, attic/ceiling insulation, attic ventilation systems, centsable duct systems, centsable water heating systems, and HVAC systems.

The program will result in reductions in energy usage and peak demand. FPUC will identify potential program participants through builder/developer relationships as well as through promotional activities. Additionally, FPUC will provide education and training to building contractors and building inspectors to encourage energy conservation. Two classes will be provided, both of which are approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two classes are: "Constructing an Energy Efficient Home" and "Load and Duct Sizing Calculations: Computer Solutions".

PROGRAM ACCOMPLISHMENTS: A total of one-hundred eight (108) Enhanced Good Cents Homes have been built to date with several more currently under construction.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$45,068.

PROGRAM PROGRESS SUMMARY: The program goal was fifty-three (53) participants for the current reporting period. We will continue to build on our success with even greater creativity and better marketing efforts, to continue exceeding our goals in the coming year.

PROGRAM TITLE: Commercial/Industrial Good Cents Buildings

PROGRAM DESCRIPTION: The commercial/industrial market is comprised of a wide range of diverse businesses with variable sizes 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 Good Cents Building program provides requirements for these area that, if adhered to, will reduce peak demand and overall energy consumption.

Promotion of the Commercial/Industrial Good Cents Building program will feature a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design is 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 demand and energy savings due to the Commercial/Industrial Good Cents Building program, the Good Cents standards for our average commercial building 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 demand and energy differences for the two types of structures. The AXCESS - Energy Analysis Computer Program (AXCESS) is used in calculating these demand and energy differences.

PROGRAM ACCOMPLISHMENTS: To date, we have had seven (7) Good Cents Building qualifications in the Fernandina Beach service territory.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$8,074.

PROGRAM PROGRESS SUMMARY: The goal for this program was three (3) Good Cents Buildings for the year. By developing a plan of action to gain knowledge of possible projects before the design stage begins we feel that we will have greater success with this program. We have laid the foundation of customer trust in this area through our Commercial/Industrial Audit and Technical Assistance Program.

PROGRAM TITLE: GoodCents Commercial Technical Assistance Program

PROGRAM DESCRIPTION: FPUC provides energy assistance services to the commercial and industrial classes to assist in the evaluation of specific energy requirements of a given structure.

FPUC's representative will be provided a prospective customer for an audit through a phone call, advertising, a complaint, or referral. In this initial contact the representative determines needs, sets an appointment, and begins to gather some basic data such as the address, account number, business type, and past energy records. At the time of the audit, the representative discusses the audit and submits an outline of the procedure to the customer. During the discussion, the representative also acquires some customer data as it relates to the characteristics of the operation, time of operation, occupancy, and duration of the occupancy. In the audit's visual inspections, the representative observes overall layout, gathers equipment data, statistics, observes housekeeping and maintenance, checks various energy sources, and checks waste heat sources. The representative also makes appropriate measurements of lighting, ambient air temperatures, water temperatures, and air quantities.

After the visual inspection, the representative will return to the customer to review the total energy consumption and billing of the structure, and make general suggestions for improved efficiency that will have little or no cost associated with them. The representative will also identify major items for further study in which the customer will have the option of making capital expenditures.

PROGRAM PROJECTION: Commercial/Industrial Audits have been completed for fifteen (15) customers to date.

PROGRAM FISCAL EXPENDITURES: Expenditures beginning January 1, 2001 through December 31, 2001 were \$5,154.

PROGRAM PROGRESS SUMMARY: The DSM plan goal is fifteen (15) participants for this particular program. Program participation has been excellent with several customers having participated thus far. This program has met or exceeded goal during each reporting year. We are optimistic that our commercial/industrial customers will involve us to a greater extent in future projects based upon the work we are currently doing in this area.