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October 4, 2012

# HAND DELIVERY

Ms. Ann Cole Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850 HECEIVED HESC 12 OCT -4 PH 4: 4:

Re: Docket No. 120004-GU - Natural Gas Conservation Cost Recovery Clause

Dear Ms. Cole:

Attached for filing, please find the original and 15 copies of the Direct Testimony and Second Revised Exhibits CDY-1 and CDY-2 of Mr. Curtis Young, submitted in the referenced Docket on behalf of Florida Public Utilities Company, along with the original and 15 copies of the Company's Petition for Approval of Revised Conservation Cost Recovery Factors. Also enclosed for filing is a CD containing the filed schedules in native format.

Thank you for your assistance with this filing. As always, please don't hesitate to let me know if you have any questions whatsoever.

Sincerely,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

MEK
cc: Parties of Record

TEL
CLK

DOCUMENT NUMBER-DATE

# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Natural Gas Conservation Cost	)	Docket No. 120004-GU
Recovery	)	Filed: October 4, 2012
	)	

# PETITION OF THE FLORIDA PUBLIC UTILITIES COMPANY FOR APPROVAL OF REVISED CONSERVATION COST RECOVERY FACTORS

Florida Public Utilities Company, Consolidated Natural Gas Division (herein, "FPUC" or "Company"), pursuant to Rule 25-17.015, Florida Administrative Code, hereby submits this petition to the Commission for approval of its <u>second revised</u> Conservation Cost Recovery Adjustment factors listed herein below to be applied to bills rendered for meter readings taken between January 1, 2013 and December 31, 2013. The Company's projections have been revised based upon a determination that the incorrect amounts reflecting the 2011 end of period true-up and the 2012 actual/estimated true-up had been used in the calculation of the 2013 factors. In support hereof, the Company states:

1. The exact name of the Company and the address of its principal business office is:

Florida Public Utilities Company 1641 Worthington Road, Suite 220 West Palm Beach, FL 33409-6703

2. The name and address of the persons authorized to receive notices and communications in respect to this docket is:

Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe St., Suite 601 Tallahassee, FL 32301 (850) 521-1706 Cheryl Martin Florida Public Utilities Company 1641 Worthington Road, Suite 220 West Palm Beach, FL 33409-6703

DOCUMENT NUMBER-DATE

- 3. The Conservation Cost Recovery Adjustment factors were calculated in accordance with the methodology that has been previously approved by the Commission. The factors are designed to recover the projected energy conservation program expenses of the Company for the period January 1, 2013 through December 31, 2013, adjusted for the net true-up (which includes the estimated energy conservation true-up for the period January 1, 2012 through December 31, 2012), as well as interest calculated in accordance with the methodology established by the Commission. The calculation of the factors and the supporting documentation is contained in the prepared testimony of the Company witness, Mr. Curtis Young and Second Revised Exhibit CDY-2, as well as Second Revised CDY-1, which reflects the appropriate end-of-period true-up amount for 2011 as being an under-recovery of \$564,286.
- 4. The Company projects total energy conservation program expenses of \$2,834,500 for the period January 2013 through December 2013. The projected net true-up is an over-recovery of \$282,792. After adding the projected energy conservation expenses to the amount of this over-recovery, a total of \$2,551,708 remains to be recovered during the period January 1, 2013 through December 31, 2013. Dividing this total among the Company's rate classes and then dividing this result by the projected gas throughput for the period by rate class, and expanding for taxes, results in the following Conservation Cost Recovery Adjustment factors for which the Company seeks approval in this petition.

Rate Class	<u> Adjustment Factor (dollars per therm)</u>
Residential	\$.07926
General Service & Transportation (GS	1) <b>\$.05613</b>
General Service & Transportation (GS	2) \$.04208
Large Volume Service	\$.03213

Docket No. 120004-GU Page 3

LV Service Transportation <50,000

\$.03213

LV Transportation Service >50,000

\$.03213

WHEREFORE, THE FLORIDA PUBLIC UTILITIES COMPANY asks that the Commission grant this petition, and approve the above Conservation Cost Recovery Adjustment factors to be applied to bills rendered for meter readings taken between January 1, 2013 and December 31, 2013, inclusive.

RESPECTFULLY submitted this 4th day of October 2012.

Beth Keating, Esquire

Gunster, Yoakley & Stewart, P.A. 215 South Monroe St., Suite 601

Tallahassee, FL 32301

(850) 521-1706

Attorneys for Florida Public Utilities Company

# **CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the Petition of the Florida Public Utilities Company, as well as the Direct Testimony and Second Revised Exhibits of Mr. Curtis Young, has been furnished by U.S. Mail to the following parties of record this 4th day of October, 2012:

Florida Public Utilities Company	MacFarlane Ferguson Law Firm
Cheryl Martin/Aleida Socarras	Ansley Watson, Jr.
1641 Worthington Road, Suite 220	P.O. Box 1531
West Palm Beach, FL 33409-6703	Tampa, FL 33601-1531
Messer Law Firm	Office of Public Counsel
Norman H. Horton, Jr.	J.R. Kelly/Patricia Christensen
P.O Box 15579	c/o The Florida Legislature
Tallahassee, FL 32317	111 West Madison Street
	Room 812
	Tallahassee, FL 32399-1400
	G. I. N. a. I.C. a. C. a. a. a. I.
Peoples Gas System	St. Joe Natural Gas Company, Inc.
Paula Brown	Mr. Stuart L. Shoaf
P.O. Box 111	P.O. Box 549
Tampa, FL 33601-0111	Port St. Joe, FL 32457-0549
Sebring Gas System, Inc.	AGL Resources Inc.
Jerry H. Melendy, Jr.	Elizabeth Wade/Brian Sulmonetti
3515 U.S. Highway 27 South	Ten Peachtree Place
Sebring, FL 33870	Location 1470
,	Atlanta, GA 30309
	,
Florida City Gas	Jennifer Crawford/Pauline Robinson
Carolyn Bermudez	Florida Public Service Commission
933 East 25 <sup>th</sup> Street	2540 Shumard Oak Boulevard
Hialeah, FL 33013-3498	Tallahassee, FL 32399
Florida Division of Chesapeake	
Utilities Corporation	
Cheryl Martin	
1641 Worthington Road, Suite 220	
West Palm Beach, FL 33409-6703	0 = 15

Beth Keating

Gunster, Yoakley & Stewart, P.A. 215 South Monroe St., Suite 601

Tallahassee, FL 32301

# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION DOCKET NO. 120004-GU DETERMINATION OF CONSERVATION COSTS RECOVERY FACTOR

# Revised Direct Testimony of Curtis D. Young On Behalf of FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION

- 1 Q. Please state your name and business address.
- 2 A. Curtis D. Young. My business address is 1641
- 3 Worthington Drive Suite 220, West Palm Beach, Florida
- 4 33409.
- 5 Q. By whom are you employed and in what capacity?
- 6 A. I am employed by Florida Public Utilities Company
- 7 (FPUC) as Senior Regulatory Analyst.
- 8 Q. Can you please provide a brief overview of your
- 9 background and business experience?
- 10 A. I graduated from Pace University in 1982 with a BBA in
- 11 Accounting. I have been employed by FPUC since 2001.
- During my employment at FPUC, I have performed various
- 13 accounting and analytical functions including
- 14 regulatory filings, revenue reporting, account
- 15 analysis, recovery rate reconciliations and earnings
- surveillance. I'm also involved in the preparation of
- 17 special reports and schedules used internally by
- 18 division managers for decision making projects.
- 19 Additionally, I coordinate the gathering of data for
- 20 the FPSC audits.

DOCUMENT NUMBER - DATE

- 1 Q. What is the purpose of your testimony at this time?
- 2 A. To advise the Commission as to the Conservation Cost
- 3 Recovery Clause Calculation for the period January
- 4 2013 through December 2013.
- 5 Q. Have you included descriptions and summary information
- on the Conservation Programs currently approved and
- 7 available to your customers?
- 8 A. Yes, the Company has included summaries of the
- 9 approved conservation programs currently available to
- our customers in C-5 of Second Revised Exhibit CDY-2.
- 11 Q. Were the summaries of the Company's Conservation
- Programs and the Costs associated with these Programs
- completed under your direction or review?
- 14 A. Yes, the standard review process also included the
- 15 Energy Conservation Supervisor, the Director of
- 16 Marketing and Sales and the Director of Regulatory
- 17 Affairs.
- 18 O. What are the total projected costs for the period
- January 2013 through December 2013 in the Consolidated
- 20 Natural Gas Division?
- 21 A. The total projected Conservation Program Costs are
- \$2,834,500. Please see Schedule C-2, page 2, for the
- 23 programmatic and functional breakdown of these total
- 24 costs.

25

- 1 Q. Please explain the increases to your 2011 Conservation
- 2 Program Costs?
- 3 A. The Company experienced increased conservation related
- 4 payroll and associated conservation costs in 2011
- 5 compared to 2010 and prior years. The increases
- 6 related to internal changes to job functions and the
- 7 Marketing Department structure in association with
- 8 intensified efforts to promote cost saving and energy
- 9 efficient conservation programs. As more fully
- 10 described herein, the Company has reassessed its
- 11 conservation efforts and focus to better align itself
- 12 with current economic and market conditions. This
- realignment has impacted not only the level of charges
- 14 to the conservation program, but also the positions
- that actually perform conservation related activities.
- 16 Q. What impacts, if any, has the economy and changes in
- the housing market had on conservation programs?
- 18 A. The new residential housing construction market
- 19 continues to be at levels well below previous years'
- levels, foreclosures have been at record high levels
- 21 and existing and potential customers want help in
- finding ways to save money on their utility bills. The
- 23 Company's market assessment revealed, among other
- things, that the Company should shift its focus to the
- 25 conservation programs that are designed to assist

existing customers and potential customers (premises) 1 that are adjacent to natural gas infrastructure (all 2 electric homes that have a natural gas main close by), 3 rather than the traditional new residential 4 construction markets. These conservation programs, 5 6 however, are more labor and resource intensive than 7 the new residential construction program. Where the new residential construction program is relationship 8 oriented (one builder/developer, many rebates), these 9 conservation programs are transactional (one customer, 10 rebate). As such, the Company projected the 11 effects of these changes in its recent energy 12 conservation projection filings. Actual 2011 results 13 confirm that the Company has increased its payroll and 14 associated (travel) costs and advertisement costs to 15 its conservation programs. At the same time, however, 16 individual customers assisted, the number of 17 demonstrated by the number of rebates paid under these 18 19 (Residential Appliance Replacement Residential Appliance Retention Programs) has 20 increased by about 139% and 34%, respectively. Thus, 21 expenditures resulted in 22 additional have more participation by customers of these important energy 23 24 conservation programs. Similar results and expense 25 levels are expected to continue through 2013.

- 1 Q. What is the true-up for the period January 2012
- 2 through December 2012?
- 3 A. As reflected in the Schedule C-3, Page 4 of 5, the
- 4 True-up amount for the Consolidated Natural Gas
- 5 Division is an over-recovery of \$282,792.
- 6 Q. What are the resulting net total projected
- 7 conservation costs to be recovered during this
- 8 projection period?
- 9 A. The total costs to be recovered are \$2,551,708.
- 10 Q. What is the Conservation Adjustment Factor necessary
- 11 to recover these projected net total costs?
- 12 A. The Conservation Adjustment Factors per therm for the
- 13 Consolidated Natural Gas Division are:
- 14 Residential \$.07926
- 15 General Service & Transportation (GS1) \$.05613
- General Service & Transportation (GS2) \$.04208
- 17 Large Volume Service \$.03213
- LV Service Transportation <50,000 \$.03213
- 19 LV Transportation Service >50,000 \$.03213
- 20 Q. Do these charges apply to your entire natural gas
- 21 customer base?
- 22 A. No, the customer classes for Outdoor Lights,
- 23 Interruptible and Interruptible Transportation have
- 24 always been exempt from the Conservation Adjustment

- 1 Factor due to the distinctive service provided by the
- 2 Company.
- 3 Q. Are there any exhibits that you wish to sponsor in
- 4 this proceeding?
- 5 A. Yes. I wish to sponsor as Exhibits Schedules C-1,
- C-2, C-3, and C-5 (Second Revised Composite Prehearing
- 7 Identification Number CDY-2), which have been filed
- with this testimony. I am also including as Exhibits
- for reference purposes, Schedules CT-1, CT-2, CT-3,
- 10 CT-4 and CT-5 (Second Revised Composite Prehearing
- 11 Identification Number CDY-1)
- 12 Q. Does this conclude your testimony?
- 13 A. Yes.

#### **SCHEDULE CT-1** PAGE 1 OF 1

#### CONSERVATION ADJUSTMENT TRUE-UP

FOR MONTHS

January-11 THROUGH

December-11

1.	ADJUSTED END	OF PERIOD TOTA	L NET TRUE-U	IP		
2.	FOR MONTHS	January-11	THROUGH	December-11		
3.	END OF PERIOD	NET TRUE-UP				
4.	PRINCIPAL				564,421	
5.	INTEREST				(135)	564,286
6.	LESS PROJECTI	ED TRUE-UP				
7.	November-05	(DATE) HEARIN	GS			
8.	PRINCIPAL				476,169	
9.	INTEREST				(91)	476,078
10.	ADJUSTED END	OF PERIOD TOTA	AL TRUE-UP			88,208

EXHIBIT NO. \_\_\_\_\_\_\_
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SCHEDULE CT-2 PAGE 1 OF 3

# ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS ACTUAL VS PROJECTED

	FOR MONTHS	January-11	THROUGH	December-11	
		ACTUAL		PROJECTED	DIFFERENCE
1.	Labor/Payroll	853,163		932,791	(79,628)
2.	Advertisement	1,157,936		1,461,886	(303,950)
3.	Legal	3,328			3,328
4.	Outside Services	23,863		31,756	(7,893)
5.	Vehicle	35,777		47,570	(11,793)
6.	Materials & Supplies	59,508		82,925	(23,417)
7.	Travel	127,016			127,016
8.	General & Administrative	104			104
9.	Incentives	882,330		538,291	344,039
10.	Other	28,658		22,972	5,686
11.	SUB-TOTAL	3,171,683		3,118,191	53,492
12.	PROGRAM REVENUES		<u></u>		
13.	TOTAL PROGRAM COSTS	3,171,683		3,118,191	53,492
14.	LESS: PRIOR PERIOD TRUE-UP	(180,894)		(180,894)	
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(2,426,368)		(2,461,128)	34,760
17.	ROUNDING ADJUSTMENT				
18.	TRUE-UP BEFORE INTEREST	564,421		476,169	88,252
19.	ADD INTEREST PROVISION	(135)		(91)	(44)
20.	END OF PERIOD TRUE-UP	564,286		476,078	88,208

() REFLECTS OVERRECOVERY

#### ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS

January-11 THROUGH December-11

	PROGRAM NAME	50 LABOR/PAY	51 ADVERTISE.	52 LEGAL	53 OUT.SERV.	54 VEHICLE	55 MAT.&SUPP.	56 TRAVEL	57 G & A	58 INCENTIVES	59 OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.	Full House Residential New Construction	33,788	240,375			3,034	10,123	5,030		174,188	256	466,794		466,794
2.	Residential Appliance Replacement	41,477	384,164			3,698	2,654	6,123		235,975	1,014	675,105		675,105
3.	Conservation Education	21,826	71,187		10,519	1,961	1,487	3,100			301	110,381		110,381
4.	Space Conditioning													
5.	Residential Conservation Service		8,590									8,590		8,590
6.	Residential Appliance Retention	35,229	381,903			3,237	1,824	4,637		452,460	3,177	882,467		882,467
7.	Dealer / Contractor (Inactive)													
10.	Commercial Conservation Service		7,991									7,991		7,991
12														
13.	Residential Service Reactivation Program		277							1,399		1,676		1,676
14.	Common	720,843	63,449	3,328	13,344	23,847	43,420	108,126	104	18,308	23,910	1,018,679		1,018,679
15	Conservation Demonstration and Development													
	•													
	TOTAL ALL PROGRAMS	853,163	1,157,936	3,328	23,863	35,777	59,508	127,016	104	882,330	28,658	3,171,683		3,171,683

EXHIBIT NO. DOCKET NO. 120004-GU
FLORIDA PUBLIC UTILITIES COMPANY (Second Revised CDY-1)
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SCHEDULE CT-2 PAGE 3 OF 3

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

FOR MONTHS

TOTAL ALL PROGRAMS

(79,628)

(301,756)

3,328

(7,893)

January-11 THROUGH December-11

												SUB	PROGRAM	
	PROGRAM NAME	LABOR/PAY	ADVERTISE.	LEGAL	OUT.SERV.	VEHICLE	MAT.&SUPP.	TRAVEL	G & A	INCENTIVES	OTHER	TOTAL	REVENUES	TOTAL
1	Full House Residential New Construction	(5,687)	216,858			(4,624)	(6,697)	5,030		126,254	(128)	331,006		331,006
2	Residential Appliance Replacement	(4,420)	338,067			(5,365)	(1,187)	6,123		149,020	523	482,761		482,761
3.	Conservation Education	(2,911)	44,287		10,519	(2,725)	(694)	3,100		143,020	55	51,631		51,631
4	Space Conditioning	(2,511)	44,207		10,515	(2,723)	(034)	3,100			33	31,031		51,051
5.	Residential Conservation Service		(15,286)									(15,286)		(15,286)
6.	Residential Appliance Retention	(3,036)	333,690			(4,034)	(762)	4,637		321,400	2,798	654,693		654,693
7.	Dealer / Contractor (Inactive)	(-1/				( /	()	.,,		55.1,155	-,			007,000
10.	Commercial Conservation Service		(13,810)									(13,810)		(13,810)
12														
13.	Residential Service Reactivation Program		(24,607)							1,399		(23,208)		(23,208)
14.	Common	(63,574)	(1,180,955)	3,328	(18,412)	4,955	(14,077)	108,126	104	(254,034)	2,438	(1,412,101)		(1,412,101)
15	Conservation Demonstration and Development											•		
														<del></del>

(11,793)

(23,417)

127,016

104

344,039

5,686

55,686

EXHIBIT NO.

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55,686

FOR MONTHS

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

January-11 THROUGH December-11

A. CONSERVATION EXPENSE BY PROGRAM JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER TOTAL Full House Residential New Construction 21,140 12,136 14,276 2,848 9,582 10,336 13,552 64,426 28,730 45,167 33,256 211,345 466,794 Residential Appliance Replacement 29,324 23,861 17,993 12,586 8,281 6,051 14,534 36,712 70,303 28,369 41,617 385,474 675,105 2. 3. Conservation Education 9,647 5,699 9,439 2,667 3,463 1,429 1,926 1,201 11,126 3,333 8,362 52,089 110,381 Space Conditioning 5. Residential Conservation Service 6,147 3,145 6,728 207 (1,585)15 (6.067)8,590 9,754 44,024 68,308 126,044 49,309 6. Residential Appliance Retention 28,029 24,957 24,672 13,589 14,897 16,971 461,913 882,467 Dealer / Contractor (Inactive) Commercial Conservation Service 10. 5,647 3,645 6,728 207 (1,585)15 (6,666)7,991 12 13. Residential Service Reactivation Program 6,380 3,645 6,728 207 (1,585)15 350 350 350 (14,764)1,676 179,768 59,436 190,113 213,179 269,242 166,078 117,657 52,605 106,241 14. Common 258,279 90,591 (684,510) 1,018,679 15. Conservation Demonstration and Development 21. TOTAL ALL PROGRAMS 286,082 136,524 276,677 290,590 244,647 296,812 213,106 264,370 231,422 309,154 223,485 398,814 3,171,683 LESS AMOUNT INCLUDED 22. IN RATE BASE 23. RECOVERABLE CONSERVATION EXPENSES 286,082 136,524 276,677 290,590 244,647 296,812 213,106 264,370 231,422 309,154 223,485 398,814 3,171,683

EXHIBIT NO. DOCKET NO. 120004-GU FLORIDA PUBLIC UTILITIES COMPANY (Second Revised CDY-1) PAGE 5 OF 18

#### CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS

January-11 THROUGH December-11

В.	CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	RESIDENTIAL CONSERVATION													
2.	CONSERVATION ADJ. REVENUES	(313,692)	(251,494)	(247,662)	(206,102)	(180,855)	(169,242)	(150,327)	(150,965)	(155,249)	(161,723)	(198,714)	(240,343)	(2,426,368)
3.	TOTAL REVENUES	(313,692)	(251,494)	(247,662)	(206,102)	(180,855)	(169,242)	(150,327)	(150,965)	(155,249)	(161,723)	(198,714)	(240,343)	(2,426,368)
4.	PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	(15,069)	(15,075)	(15,075)	(15,075)	(15,075)	(15,075)	(15,075)	(15,075)	(15,075)	(15,075)	(15,075)	(15,075)	(180,894)
5.	CONSERVATION REVENUE APPLICABLE	(328,761)	(266,569)	(262,737)	(221,177)	(195,930)	(184,317)	(165,402)	(166,040)	(170,324)	(176,798)	(213,789)	(255,418)	(2,607,262)
6.	CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	286,082	136,524	276,677	290,590	244,647	296,812	213,106	264,370	231,422	309,154	223,485	398,814	3,171,683
7.	TRUE-UP THIS PERIOD (LINE 5 - 6)	(42,679)	(130,045)	13,940	69,413	48,717	112,495	47,704	98,330	61,098	132,356	9,696	143,396	564,421
8.	INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	(41)	(55)	(58)	(41)	(26)	(11)	1	8	9	17	30	32	(135)
9.	TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(180,894)	(208,545)	(323,570)	(294,613)	(210,166)	(146,400)	(18,841)	43,939	157,352	233,534	380,982	405,783	(180,894)
9A.	DEFERRED TRUE-UP BEGINNING OF PERIOD													
10.	PRIOR TRUE-UP COLLECTED (REFUNDED)	15,069	15,075	15,075	15,075	15,075	15,075	15,075	15,075	15,075	15,075	15,075	15,075	180,894
11.	TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	(208,545)	(323,570)	(294,613)	(210,166)	(146,400)	(18,841)	43,939	157,352	233,534	380,982	405,783	564,286	564,286

EXHIBIT NO.\_\_\_\_\_\_
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#### CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS

January-11 THROUGH December-11

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	(180,894)	(208,545)	(323,570)	(294,613)	(210,166)	(146,400)	(18,841)	43,939	157,352	233,534	380,982	405,783	(180,894)
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	(208,504)	(323,515)	(294,555)	(210,125)	(146,374)	(18,830)	43,938	157,344	233,525	380,965	405,753	564,254	564,421
3.	TOTAL BEG. AND ENDING TRUE-UP	(389,398)	(532,060)	(618,125)	(504,738)	(356,540)	(165,230)	25,097	201,283	390,877	614,499	786,735	970,037	383,527
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	(194,699)	(266,030)	(309,063)	(252,369)	(178,270)	(82,615)	12,549	100,642	195,439	307,250	393,368	485,019	191,764
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.25%	0.25%	0.25%	0.20%	0.19%	0.16%	0.16%	0.12%	0.07%	0.04%	0.09%	0.09%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.25%	0.25%	0.20%	0.19%	0.16%	0.16%	0.12%	0.07%	0.04%	0.09%	0.09%	0.07%	
7.	TOTAL (LINE C-5 + C-6)	0.50%	0.50%	0.45%	0.39%	0.35%	0.32%	0.28%	0.19%	0.11%	0.13%	0.18%	0.16%	
8.	AVG. INTEREST RATE (C-7 X 50%)	0.25%	0.25%	0.23%	0.20%	0.18%	0.16%	0.14%	0.10%	0.06%	0.07%	0.09%	0.08%	
9.	MONTHLY AVERAGE INTEREST RATE	0.021%	0.021%	0.019%	0.016%	0.015%	0.013%	0.012%	0.008%	0.005%	0.005%	0.008%	0.007%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	(41)	(55)	(58)	(41)	(26)	(11)	1	8	9	17	30	32	(135)

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#### SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

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														
												MALL MANUA VILLE			
4.	CUMULATIVE INVESTMENT														
<b>5</b> .	LESS:ACCUMULATED DEPRECIATION														
6.	NET INVESTMENT								,						
7.	AVERAGE INVESTMENT														
8.	RETURN ON AVERAGE INVESTMENT														
9.	RETURN REQUIREMENTS														
10.	TOTAL DEPRECIATION AND RETURN														NONE

RECONCILIATION AND EXPLANATION OF DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS January-11 THROUGH December-11

SCHEDULE CT-5 PAGE 1 OF 1

AUDIT EXCEPTION:

TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

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- 1. Residential New Construction Program
- 2. Residential Appliance Replacement Program
- 3. Residential Appliance Retention Program
- 4. Residential Service Reactivation Program
- 5. Residential Conservation Survey Program
- 6. Commercial Conservation Survey Program
- 7. Conservation Education Program
- 8. Space Conditioning Program

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# PROGRAM TITLE: Residential New Construction Program

PROGRAM DESCRIPTION: The Residential New Construction Program (formerly, Full House Residential New Construction Program) promotes the use of natural gas in single and multi-family residential new construction projects to developers, builders, and homebuyers. The program is designed to increase the overall energy efficiency in the new construction home market through the installation of efficient gas appliances. The programs incentives are used to overcome market barriers created by the split incentive between the builders who are purchasing the appliances and the homeowners who are benefiting from reduced utility costs.

# **CURRENT APPROVED ALLOWANCES:**

\$350 Tank Water Heater

\$400 High Efficiency Tank Water Heater

\$550 Tankless Water Heater

\$500 Furnace

\$150 Range

\$100 Dryer

PROGRAM ACCOMPLISHMENTS: For the reporting period January 1, 2011 through December 31, 2011, 545 incentives were paid. There were 145 Tank Water Heaters, 0 High Efficiency Tank Water Heaters, 23 Tankless Water Heaters, 93 Furnaces, 82 Ranges and 71 Dryers.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$466,794.

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# PROGRAM TITLE: Residential Appliance Replacement Program

PROGRAM DESCRIPTION: This program is designed to encourage the replacement of inefficient non-natural gas appliances with energy efficient natural gas appliances. The program offers financial incentives to residential customers to defray the additional costs associated with installing natural gas appliances.

# **CURRENT APPROVED ALLOWANCES:**

\$500 Tank Water Heater

\$550 High Efficiency Tank Water Heater

\$675 Tankless Water Heater

\$725 Furnace

\$200 Range

\$150 Dryer

PROGRAM ACCOMPLISHMENTS: For the reporting period January 1, 2011 through December 31, 2011, 485 incentives were paid. There were 33 Tank Water Heaters, 5 High Efficiency Tank Water Heaters, 213 Tankless Water Heaters, 12 Furnaces, 114 Ranges and 108 Dryers.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$675,838.

PROGRAM PROGRESS SUMMARY: The FPSC approved this program on August 29, 2000. From the inception through the reporting period of this program, FPUC has converted 7,581 natural gas hot water heaters.

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# PROGRAM TITLE: Residential Appliance Retention Program

PROGRAM DESCRIPTION: The purpose of the Residential Appliance Retention Program is to encourage homeowners with existing natural gas appliances to retain natural gas appliances at time of replacement. The program includes appliances such as furnaces, hot water heaters, ranges, and dryers. The programs incentives defray the cost of purchasing more expensive energy-efficient natural gas appliances.

#### **CURRENT APPROVED ALLOWANCES:**

\$350 Tank Water Heater

\$400 High Efficiency Tank Water Heater

\$550 Tankless Water Heater

\$500 Furnace

\$100 Range

\$100 Dryer

PROGRAM ACCOMPLISHMENTS: For the reporting period January 1, 2011 through December 31, 2011, 1143 incentives were paid. There were 404 Tank Water Heaters, 17 High Efficiency Tank Water Heaters, 301 Tankless Water Heaters, 80 Furnaces, 203 Ranges and 138 Dryers.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$882,467.

PROGRAM PROGRESS SUMMARY: The FPSC approved this program on August 29, 2000. From the inception through the reporting period, FPUC has retained 6,927 natural gas hot water heaters.

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PROGRAM TITLE: Residential Service Reactivation Program

PROGRAM DESCRIPTION: This program is designed to encourage the reactivation of existing residential service lines that are scheduled to be cut-off and capped. The program offers incentives of \$350 in the form of cash incentives to residential customers to assist in defraying the additional cost associated with the purchase and installation energy-efficient natural gas appliances.

PROGRAM ACCOMPLISHMENTS: For the reporting period January 1, 2011 through December 31, 2011, 5 incentives were paid.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$1,676.

PROGRAM PROGRESS SUMMARY: FPSC approval of this program occurred on August 29, 2000. We continue to promote this program and believe that our customers will find value in this program.

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PROGRAM TITLE: Residential Conservation Survey Program

PROGRAM DESRIPTION: The objective of the Residential Conservation Service Program is to provide Florida Public Utilities Company's residential customers with energy conservation advice based on a review of their homes actual performance that encourages the implementation of efficiency measures and/or practices resulting in energy savings for the customer. 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 15 residential surveys were performed.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$9,321.

PROGRAM PROGRESS SUMMARY: This program was implemented on September 1, 2000. Since inception through the reporting period, 140 residential customers have participated.

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# PROGRAM TITLE: Commercial Conservation Survey Program

PROGRAM DESCRIPTION: The Commercial Conservation Service Program is an interactive program that assists commercial customers in identifying energy conservation opportunities. The survey 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 Representative. The representative identifies all areas of potential energy usage reduction 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, 21 commercial surveys were completed during the reporting period.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$8,721.

PROGRAM PROGRESS SUMMARY: This program was implemented on September 1<sup>st</sup> 2000. From the inception of this program through the reporting period 170 commercial customers have participated.

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PROGRAM TITLE: Conservation Education Program

PROGRAM DESCRIPTION: The purpose of the Conservation Education Program is to educate consumers, businesses, and contractors to make wise energy choices. For consumers to make educated choices they must know the benefits of conserving energy and have a basic understanding of energy as well as the measures and behavioral practices needed to make these choices.

PROGRAM ACCOMPLISHMENTS: This year FPU conducted 13 seminars and events to educate customers.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$110,381.

PROGRAM PROGRESS SUMMARY: This program has been successful and we are optimistic that we will continue to be involved in community education and future events.

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# PROGRAM TITLE: Space Conditioning Program

PROGRAM DESCRIPTION: The program is designed to convert on-main customers from electric space conditioning equipment to energy-efficient natural gas space conditioning equipment. The program provides a financial incentive to qualified participants to compensate for the higher initial cost of natural gas space conditioning equipment. The program reduces summer as well as winter peak demand and contributes to consumption reduction.

PROGRAM ACCOMPLISHMENTS: There were no participants in this program in 2011.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2011 through December 31, 2011 were \$0.

PROGRAM PROGRESS SUMMARY: From FPSC approval of the program on August 29, 2000 through December 31, 2011, FPUC has connected 10 space conditioning projects to its natural gas system.

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SCHEDULE C-1 PAGE 1 OF 1

# FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION ENERGY CONSERVATION ADJUSTMENT SUMMARY OF COST RECOVERY CLAUSE CALCULATION JANUARY 2013 THROUGH DECEMBER 2013

	1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	\$ 2,834,500
	2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	\$ (282,792)
İ	3. TOTAL (LINE 1 AND LINE 2)	\$ 2,551,708
ı	TOTAL	

RATE SCHEDULE	BILLS	THERMS	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENGY CHG REVENUE	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS PER THERM	TAX FACTOR	CONSERV FACTOR
RESIDENTIAL	596,220	12,969,830	6,558,420	6,462,607	13,021,027	1,022,836	7.85526% \$	0.07886	1.00503 \$	0.07926
COMMERCIAL SMALL (General Service & GS Transportati	14,976 ion <600)	937,140	299,520	366,759	666,279	52,338	7.85526% \$	0.05585	1.00503 \$	0.05613
COMMERCIAL SMALL (General Service & GS Transportati	27,888 ion >600)	6,498,050	920,304	2,543,077	3,463,381	272,058	7.85526% \$	0.04187	1.00503 \$	0.04208
COMM. LRG VOLUME (Large Vol & LV Transportation < 50	22,332 0,000 units)	37,673,180	2,009,880	13,323,497	15,333,377	1,204,477	7.85526% \$	0.03197	1.00503 \$	0.03213
LARGE VOL TRANSPORT. (LG VOL TRANS. > 50,000 units)	0	0	0	0	0	0	7.85526% \$	0.03197	1.00503 \$	0.03213
TOTAL	661,416	58,078,200	9,788,124	22,695,940	32,484,064	2,551,708				

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SCHEDULE C-2 PAGE 1 OF 2

# FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION ESTIMATED CONSERVATION PROGRAM COSTS BY PROGRAM BY MONTH JANUARY 2013 THROUGH DECEMBER 2013

PROGRAM	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	NOV 2013	DEC 2013	TOTAL
1 Full House Residential New Construction	41,792	41,792	41,792	41,792	41,792	41,792	41,792	41,792	41,792	41,792	41,792	41,788	501,500
2 Resid. Appliance Replacement	50,125	50,125	50,125	50,125	50,125	50,125	50,125	50,125	50,125	50,125	50,125	50,125	601,500
3 Conservation Education	11,625	11,625	11,625	11,625	11,625	11,625	11,625	11,625	11,625	11,625	11,625	11,625	139,500
4 Space Conditioning	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	18,000
5 Residential Conservation Survey	3,563	3,563	3,563	3,563	3,563	3,563	3,563	3,563	3,563	3,563	3,563	3,557	42,750
6 Residential Appliance Retention	58,958	58,958	58,958	58,958	58,958	58,958	58,958	58,958	58,958	58,958	58,958	58,962	707,500
7 Commercial Conservation Survey	1,479	1,479	1,479	1,479	1,479	1,479	1,479	1,479	1,479	1,479	1,479	1,481	17,750
8 Residential Service Reactivation	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	45,000
9 Common	62,375	62,375	62,375	62,375	62,375	62,375	62,375	62,375	62,375	62,375	62,375	62,375	748,500
10 Conserv. Demonstration and Development	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,038	12,500
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0_	0	0_	. 0	0	0	0_	0	0
TOTAL ALL PROGRAMS	236,209	236,209	236,209	236,209	236,209	236,209	236,209	236,209	236,209	236,209	236,209	236,201	2,834,500

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SCHEDULE C - 2 PAGE 2 OF 2

# FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM JANUARY 2013 THROUGH DECEMBER 2013

PROGRAM	CAPITAL INVEST	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISE	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1 Full House Residential New Construction	0	43,000	1,000	210,000	225,000	1,000	20,500	1,000	501,500
2 Resid. Appliance Replacement	0	48,000	1,500	270,000	255,000	1,000	25,000	1,000	601,500
3 Conservation Education	0	21,000	1,500	100,000	0	2,000	10,000	5,000	139,500
4 Space Conditioning	0	5,000	250	5,000	5,000	0	2,500	250	18,000
5 Residential Conservation Survey	0	5,000	250	15,000	0	0	2,500	20,000	42,750
6 Residential Appliance Retention	0	36,000	1,000	270,000	380,000	1,000	19,000	500	707,500
7 Commercial Conservation Survey	0	5,000	250	5,000	0	0	2,500	5,000	17,750
8 Residential Service Reactivation	0	5,000	250	30,000	5,000	2,000	2,500	250	45,000
9 Common	0	675,000	10,000	0	0	4,000	34,500	25,000	748,500
10 Conserv. Demonstration and Development	0	5,000	0	0	0	5,000	2,500	0	12,500
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
	0	0	0	0_	0	0	0	0_	0
PROGRAM COSTS	0	848,000	16,000	905,000	870,000	16,000	121,500	58,000	2,834,500

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#### SCHEDULE C - 3 PAGE 1 OF 5

# FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM ACTUAL JANUARY 2012 THROUGH JULY 2012; ESTIMATED AUGUST 2012 THROUGH DECEMBER 2012

PROGRAM	CAPITAL INVEST	PAYROLL & BENEFITS	MATERLS. & SUPPLIES	_ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1 Full House Residential New Construction	n								
A. ACTUAL (JAN-JUL)	0	21,288	283	46,289	117,622	333	3,961	223	189,999
B. ESTIMATED (AUG-DEC)	0	46,668	2,919	72,918	87,498	0	1,249	829	212,081
C. TOTAL	0	67,956	3,202	119,207	205,120	333	5,210	1,052	402,080
2 Resid. Appliance Replacement									
A. ACTUAL (JAN-JUL)	0	26,057	359	52,568	145,035	9,898	4,895	85	238,897
B. ESTIMATED (AUG-DEC)	0	64,589	5,009	100,010	83,339	0	2,085	1,674	256,706
C. TOTAL	0	90,646	5,368	152,578	228,374	9,898	6,980	1,759	495,603
3 Conservation Education									
A. ACTUAL (JAN-JUL)	0	10,635	134	33,594	0	0	2,663	4,183	51,209
B. ESTIMATED (AUG-DEC)	0	4,170	2,080	37,500	0	4,170	830	0	48,750
C. TOTAL	0	14,805	2,214	71,094	0	4,170	3,493	4,183	99,959
4 Space Conditioning									
A. ACTUAL (JAN-JUL)	0	684	9	225	0	0	159	6	1,083
B. ESTIMATED (AUG-DEC)	0	420	0	8,330	1,250	0	0	0	10,000
C. TOTAL	0	1,104	9	8,555	1,250	0	159	6	11,083
5 Residential Conservation Survey									
A. ACTUAL (JAN-JUL)	0	0	0	0	0	0	0	14,912	14,912
B. ESTIMATED (AUG-DEC)	0	4,170	1,250	16,669	0	8,330	0	0	30,419
C. TOTAL	0	4,170	1,250	16,669	0	8,330	0	14,912	45,331
6 Residential Appliance Retention									
A. ACTUAL (JAN-JUL)	0	20,812	292	52,568	155,460	333	3,711	86	233,262
B. ESTIMATED (AUG-DEC)	0	106,250	7,500	104,170	108,329	4,170	3,330	2,920	336,669
C. TOTAL	0	127,062	7,792	156,738	263,789	4,503	7,041	3,006	569,931
7 Commercial Conservation Survey									
A. ACTUAL (JAN-JUL)	0	0	0	400	0	0	0	2,783	3,183
B. ESTIMATED (AUG-DEC)	0	1,250	420	16,669	0	2,080	0	0	20,419
C. TOTAL	0	1,250	420	17,069	0	2,080	0	2,783	23,602
SUB-TOTAL	0	306,993	20,255	541,910	698,533	29,314	22,883	27,701	1,647,589

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# FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM ACTUAL JANUARY 2012 THROUGH JULY 2012; ESTIMATED AUGUST 2012 THROUGH DECEMBER 2012

PROGRAM NAME	CAPITAL INVEST	PAYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER_	TOTAL
SUB-TOTAL - PREVIOUS PAGE	0	306,993	20,255	541,910	698,533	29,314	22,883	27,701	1,647,589
8 Residential Service Reactivation									
A. ACTUAL (JAN-JUL)	0	0	0	0	3,100	9,565	0	0	12,665
B. ESTIMATED (AUG-DEC)	0	830	0	24,273	2,191	0	0	0	27,294
C. TOTAL	0	830	0	24,273	5,291	9,565	0	0	39,959
9 Common									
A. ACTUAL (JAN-JUL)	0	431,495	4,816	208,731	200	2,643	65,918	18,129	731,932
B. ESTIMATED (AUG-DEC)	0	166,669	14,580	72,920	0	6,250	5,000	3,750	269,169
C. TOTAL	0	598,164	19,396	281,651	200	8,893	70,918	21,879	1,001,101
10 Conserv. Demonstration and Developme	nt								
A. ACTUAL (JAN-JUL)	0	0	0	0	0	2,500	0	0	2,500
B. ESTIMATED (AUG-DEC)	0	0	0	0	0	. 0	0	0	0
C. TOTAL	0	0	0	0	0	2,500	0	0	2,500
11									
A. ACTUAL (JAN-JUL)	0	0	0	0	0	0	0	0	0
B. ESTIMATED (AUG-DEC)	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
12									
A. ACTUAL (JAN-JUL)	0	0	0	0	0	0	0	0	0
B. ESTIMATED (AUG-DEC)	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
13									
A. ACTUAL (JAN-JUL)	0	0	0	0	0	0	0	0	0
B. ESTIMATED (AUG-DEC)	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
14 N/A									
A. ACTUAL (JAN-JUL)	0	0	0	0	0	0	0	0	0
B. ESTIMATED (AUG-DEC)	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
TOTAL	0	905,987	39,651	847,834	704,024	50,272	93,801	49,580	2,691,149

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SCHEDULE C-3 PAGE 3 OF 5

#### FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION CONSERVATION PROGRAM COSTS BY PROGRAM ACTUAL/ESTIMATED

#### ACTUAL JANUARY 2012 THROUGH JULY 2012; ESTIMATED AUGUST 2012 THROUGH DECEMBER 2012

	ACTU	AL	ACTUAL -	<b></b> -	ACTUAL	ACTI	JAL	PROJECT	ION F	ROJECTION	PROJEC	TION	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PROGRAM NAME	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	TOTAL
Full House Residential New Construction	64,817	19,697	28,322	14,817	17,347	32,608	12,391	42,417	42,417	42,417	42,417	42,413	402,08
Resid. Appliance Replacement	19,787	20,231	46,463	20,422	42,638	56,963	32,393	51,342	51,342	51,342	51,342	51,338	495,60
Conservation Education	4,051	13,389	11,537	5,363	6,085	6,333	4,451	9,750	9,750	9,750	9,750	9,750	99,95
Space Conditioning	0	0	0	0	858	225	0	2,000	2,000	2,000	2,000	2,000	11,08
Residential Conservation Survey	2,130	2,130	(2,130)	6,391	2,130	2,130	2,131	6,083	6,083	6,083	6,083	6,087	45,33
Residential Appliance Retention	31,279	31,754	37,477	37,630	43,071	67,150	(15,099)	67,333	67,333	67,333	67,333	67,337	569,93
Commercial Conservation Survey	0	0	556	835	464	864	464	4,083	4,083	4,083	4,083	4,087	23,60
Residential Service Reactivation	300	5,132	1,050	700	4,783	0	700	5,458	5,458	5,458	5,458	5,462	39,95
Common	95,571	110,225	146,596	112,355	90,305	102,172	74,708	53,833	53,833	53,833	53,833	53,837	1,001,10
Conserv. Demonstration and Development	0	0	0	0	0	0	2,500	0	0	0	0	0	2,50
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL ALL PROGRAMS	217,935	202,558	269,871	198,513	207,681	268,445	114,639	242,299	242,299	242,299	242,299	242,311	2,691,14

SCHEDULE C - 3 PAGE 4 OF 5

#### FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION ENERGY CONSERVATION ADJUSTMENT

#### ACTUAL JANUARY 2012 THROUGH JULY 2012; ESTIMATED AUGUST 2012 THROUGH DECEMBER 2012

	ACTU	AL	ACTUAL		ACTUAL	ACTI	JAL	PROJECT	TION F		PROJEC	CTION	
	JAN	FEB	MAR	APR	MAY	JUN	JÜL	AUG	SEP	ОСТ	NOV	DEC	
CONSERVATION REVS.	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	TOTA
RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	,
a. OTHER PROG. REV.	0	0	0	0	0	0	0	0	0	0	0	0	1
b.	0	0	0	0	0	0	0	0	0	0	0	0	,
C.	0	0	0	0	0	0	0	0	0	0	0	0	(
CONSERV. ADJ REV.													
(NET OF REV. TAXES)	(404,101)	(341,292)	(330,215)	(300,428)	(277,407)	(243,616)	(225,925)	(283,046)	(283,046)	(283,046)	(283,046)	(283,046)	(3,538,214
TOTAL REVENUES	(404,101)	(341,292)	(330,215)	(300,428)	(277,407)	(243,616)	(225,925)	(283,046)	(283,046)	(283,046)	(283,046)	(283,046)	(3,538,214
PRIOR PERIOD TRUE-UP													
NOT APPLIC. TO PERIOD	47,022	47,024	47,024	47,024	47,024	47,024	47,024	47,024	47,024	47,024	47,024	47,024	564,286
CONSERVATION REVS.													
APPLIC. TO PERIOD	(357,079)	(294,268)	(283,191)	(253,404)	(230,383)	(196,592)	(178,901)	(236,022)	(236,022)	(236,022)	(236,022)	(236,022)	(2,973,92
CONSERVATION EXPS.													
(FORM C-3, PAGE 3)	217,935	202,558	269,871	198,513	207,681	268,445	114,639	242,299	242,299	242,299	242,299	242,311	2,691,14
TRUE-UP THIS PERIOD	(139,144)	(91,710)	(13,320)	(54,891)	(22,702)	71,853	(64,262)	6,277	6,277	6,277	6,277	6,289	(282,77
INTEREST THIS													
PERIOD (C-3,PAGE 5)	29	27	21	13	4	2	(3)	(12)	(16)	(21)	(26)	(31)	(1:
TRUE-UP & INT.													
BEG. OF MONTH	564,286	378,149	239,442	179,119	77,217	7,495	32,326	(78,963)	(119,722)	(160,485)	(201,253)	(242,026)	564,28
PRIOR TRUÉ-UP													
COLLECT./(REFUND.)	(47,022)	(47,024)	(47,024)	(47,024)	(47,024)	(47,024)	(47,024)	(47,024)	(47,024)	(47,024)	(47,024)	(47,024)	(564,28
Audit Adj Prior period													(
END OF PERIOD TOTAL													
NET TRUE-UP	378,149	239,442	179,119	77,217	7,495	32,326	(78,963)	(119,722)	(160,485)	(201,253)	(242,026)	(282,792)	(282,79

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SCHEDULE C-3 PAGE 5 OF 5

# FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED NATURAL GAS DIVISION

#### CALCULATION OF TRUE-UP AND INTEREST PROVISION

#### ACTUAL JANUARY 2012 THROUGH JULY 2012; ESTIMATED AUGUST 2012 THROUGH DECEMBER 2012

	ACTU	AL	ACTUAL		ACTUAL	ACTU	JAL	PROJECT	ION F	ROJECTION	PROJEC	TION	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
INTEREST PROVISION	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	TOTAL
BEGINNING TRUE-UP	564,286	378,149	239,442	179,119	77,217	7,495	32,326	(78,963)	(119,722)	(160,485)	(201,253)	(242,026)	
END. T-UP BEFORE INT.	378,120	239,415	179,098	77,204	7,491	32,324	(78,960)	(119,710)	(160,469)	(201,232)	(242,000)	(282,761)	
TOT. BEG. & END. T-UP	942,406	617,564	418,540	256,323	84,708	39,819	(46,634)	(198,673)	(280,191)	(361,717)	(443,253)	(524,787)	
AVERAGE TRUE-UP	471,203	308,782	209,270	128,162	42,354	19,910	(23,317)	(99,337)	(140,096)	(180,859)	(221,627)	(262,394)	
INT. RATE-FIRST DAY OF REPORTING BUS. MTH	0.07%	0.08%	0.13%	0.11%	0.13%	0.12%	0.15%	0.14%	0.14%	0.14%	0.14%	0.14%	
INT. RATE-FIRST DAY OF SUBSEQUENT BUS. MTH	0.08%	0.13%	0.11%	0.13%	0.12%	0.15%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	
TOTAL	0.15%	0.21%	0.24%	0.24%	0.25%	0.27%	0.29%	0.28%	0.28%	0.28%	0.28%	0.28%	
AVG INTEREST RATE	0.08%	0.11%	0.12%	0.12%	0.13%	0.14%	0.15%	0.14%	0.14%	0.14%	0.14%	0.14%	
MONTHLY AVG. RATE	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	
INTEREST PROVISION	\$29	\$27	\$21	\$13	\$4	\$2	(\$3)	(\$12)	(\$16)	(\$21)	(\$26)	(\$31)	(\$1:
												İ	

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# SCHEDULE C-5 PAGE 1 OF 10

# **PROGRAM**:

- 1. Full House Residential New Construction Program
- 2. Residential Appliance Replacement Program
- 3. Residential Appliance Retention Program
- 4. Residential Service Reactivation Program
- 5. Residential Conservation Service Program
- 6. Commercial Conservation Service Program
- 7. Conservation Education Program
- 8. Space Conditioning Program
- 9. Conservation Demonstration & Development
- 10. Commercial New Construction
- 11. Commercial Replacement
- 12. Commercial Retention

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SCHEDULE C-5 PAGE 2 OF 10

#### **PROGRAM TITLE:**

Full House Residential New Construction Program

#### PROGRAM DESCRIPTION:

This program is designed to increase the overall energy efficiency in the residential single- and multi-family new construction market by promoting energy-efficient natural gas appliances. The program offers builders and developers incentives in the form of cash allowances to defray the additional costs associated with the installation of natural gas supply lines, house piping, venting and natural gas appliances.

#### PROGRAM ALLOWANCES:

Furnace or Hydro heater	\$500
Tank Water Heater	\$350
High Eff. Tank Water Heater	<b>\$</b> 400
Range	\$150
Dryer	\$100
Tankless	\$550

# **PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2013, FPUC estimates that 550 single- and multi-family homes will be connected to its natural gas system.

#### PROGRAM FISCAL EXPENDITURES:

During the twelve-month period of January to December 2013, FPUC estimates expenses of \$ 501,500.

# PROGRAM PROGRESS SUMMARY:

FPSC approval of this program occurred on August 29, 2000. From the inception of this program on September 1, 2000 through July 2012, FPUC has connected approximately 3,372 single- and multi-family homes to its natural gas system.

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# SCHEDULE C-5 PAGE 3 OF 10

#### **PROGRAM TITLE:**

Residential Appliance Replacement Program

#### PROGRAM DESCRIPTION:

This program is designed to encourage the replacement of inefficient non-natural gas residential appliances with energy-efficient natural gas appliances. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the installation of efficient natural gas appliances.

#### PROGRAM ALLOWANCES:

Furnace or Hydro heater	\$725
Tank Water Heater	\$500
High Eff. Tank Water Heater	<b>\$55</b> 0
Range	\$200
Dryer	<b>\$15</b> 0
Tankless	\$675

## **PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2013, FPUC estimates that 570 natural gas appliances will be connected (limited to furnaces or hydro heaters, water heaters, ranges and dryers) to its natural gas system.

#### PROGRAM EXPENDITURES:

During the twelve-month period of January to December 2013, FPUC estimates expenses of \$601,500.

#### PROGRAM PROGRESS SUMMARY:

FPSC approval of this program occurred on August 29, 2000. This program was implemented on September 1, 2000. From the inception of the program through July 2012, FPUC has connected 3,922 appliances (only furnaces and hydro heaters, water heaters, ranges and dryers) to its natural gas system.

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SCHEDULE C-5 PAGE 4 OF 10

#### **PROGRAM TITLE:**

Residential Appliance Retention Program

#### PROGRAM DESCRIPTION:

This program is designed to promote the retention of energy-efficient appliances for current natural gas customers. The program offers allowances to customers to assist in defraying the cost of purchasing and installing more expensive energy-efficient appliances.

#### **PROGRAM ALLOWANCES:**

Furnace or Hydro heater	<b>\$5</b> 00
Tank Water Heater	\$350
High Eff. Tank Water Heater	<b>\$</b> 400
Range	<b>\$1</b> 00
Dryer	<b>\$1</b> 00
Tankless	\$550

## **PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2013, FPUC estimates that 1050 appliances will be connected to its system.

#### **PROGRAM FISCAL EXPENDITURES:**

During the twelve-month period of January to December 2013, FPUC estimates expenses of \$707,500.

## **PROGRAM PROGRESS SUMMARY:**

FPSC approval of this program occurred on August 29, 2000. This program was implemented on September 1, 2000. From the inception of this program through July 2012, FPUC has retained 8,469 natural gas appliances connected to its distributions system.

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# SCHEDULE C-5 PAGE 5 OF 10

#### **PROGRAM TITLE:**

Residential Service Reactivation Program

#### PROGRAM DESCRIPTION:

This program is designed to encourage the reactivation of existing residential service lines that are scheduled to be cut-off and capped. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and the installation of energy-efficient natural gas appliances.

#### **PROGRAM ALLOWANCES:**

Service Reactivation (the installation of a water heater is required) \$350

#### PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, FPUC estimates that 10 services will be reactivated with water heaters on its natural gas system.

#### PROGRAM FISCAL EXPENDITURES:

During the twelve-month period of January to December 2013, FPUC estimates expenses of \$45,000.

#### PROGRAM PROGRESS SUMMARY:

FPSC approval of this program occurred on August 29, 2000. This program was implemented on September 1, 2000. From the inception of this program through July 2012, FPUC has reactivated 16 customers with water heaters to its distributions system.

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# SCHEDULE C-5 PAGE 6 OF 10

#### **PROGRAM TITLE:**

Residential Conservation Survey Program

#### PROGRAM DESCRIPTION:

This program is designed to assist residential customers in conserving all forms of energy consumption. Certified company representatives or private contractors will conduct energy surveys. This service will be provided based on customer requests and scheduling availability.

#### **PROGRAM ALLOWANCES:**

Not applicable.

# PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, FPUC estimates that 45 residential customers will participate in this program.

#### PROGRAM FISCAL EXPENDITURES:

During the twelve-month period of January to December 2013, FPUC estimates expenses of \$42,750.

# **PROGRAM PROGRESS SUMMARY:**

FPSC approval of this program occurred on August 29, 2000. This program was implemented on September 1, 2000. Since the inception of this program through July 2012, 269 residential customers have participated. Changes in FPUC's Marketing Department staff and the training of personnel have also affected the active marketing of this program to its customers.

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SCHEDULE C-5 PAGE 7 OF 10

#### PROGRAM TITLE:

Commercial Conservation Survey Program

#### PROGRAM DESCRIPTION:

This program is designed to assist commercial customers in conserving all forms of energy consumption. Certified company representatives or private contractors will conduct energy surveys. This service will be provided based on customer requests and scheduling availability.

# PROGRAM ALLOWANCES:

Not applicable.

# PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2011, FPUC estimates that 25 commercial customers will participate in this program.

#### PROGRAM FISCAL EXPENDITURES:

During the twelve-month period of January to December 2011, FPUC estimates expenses of \$17,750.

# **PROGRAM PROGRESS SUMMARY:**

FPSC approval of this program occurred on August 29, 2000. This program was implemented on September 1, 2000. From the inception of this program through July 2012, 162 commercial customers have participated.

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# SCHEDULE C-5 PAGE 8 OF 10

#### **PROGRAM TITLE:**

Conservation Education Program

# PROGRAM DESCRIPTION:

The purpose of this program is to teach adult and young people about conservation measures designed to reduce energy consumption and consequently reduce their utility bills.

#### **PROGRAM ALLOWANCES:**

Not applicable.

#### **PROGRAM PROJECTONS:**

For the twelve-month period of January to December 2013, FPUC estimates that 30 adult and youth presentations with 1000 participants will result from this program.

#### PROGRAM FISCAL EXPENDITURES:

During this twelve-month period of January to December 2013, FPUC estimates expenses of \$139,500

#### PROGRAM PROGRESS SUMMARY:

FPSC approval of this program occurred on August 29, 2000. This program was implemented on September 1, 2000. From the inception of this program through July 2012, FPUC has given 157 adult and youth educational presentations.

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SCHEDULE C-5 PAGE 9 OF 10

#### **PROGRAM TITLE:**

Space Conditioning Program

#### **PROGRAM DESCRIPTION:**

This program is designed to convert on-main customers from electric space conditioning equipment to energy-efficient natural gas space conditioning equipment. The program provides an allowance to qualifying participants to compensate for higher initial costs of natural gas space conditioning equipment and the associated installation costs. This program also reduces summer as well as winter peak demand and contributes to the conservation of kwh/kwd consumption.

# **PROGRAM ALLOWANCES:**

Residential

\$1200 (For Robur model or equivalent unit)

Non-Residential

\$ 50 per ton

## **PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2013, FPUC estimates that 2 customer projects will utilize this program.

#### PROGRAM FISCAL EXPENDITURES:

During the twelve-month period of January to December 2013, FPUC estimates expenses of \$18,000.

#### PROGRAM PROGRESS SUMMARY:

FPSC approval of this program occurred on August 29, 2000. This program was implemented on September 1, 2000. From the inception of this program through July 2012, FPUC has connected 8 space conditioning projects to its natural gas system.

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SCHEDULE C-5 PAGE 10 OF 10

#### **PROGRAM TITLE:**

Conservation Demonstration and Development 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. 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 ALLOWANCES:

Not applicable.

# **PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2013, the Company estimates expenses of \$12,500 for this program.

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