

October 4, 2012

HAND DELIVERY

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

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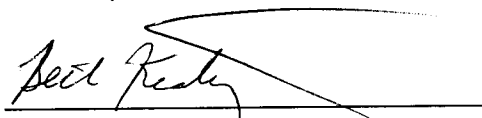
Re: Docket No. 120002-EG – Energy Conservation Cost Recovery Clause

Dear Ms. Cole:

Attached for filing, please find the original and 15 copies of the Direct Testimony and Second Revised Exhibit 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 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

COM	5
AFD	6 + CD
APA	1
ECO	1
ENG	1
GCL	1
IDM	1
TEL	1
CLK	1

DOCUMENT NUMBER-DATE

06769 OCT-4 2012

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Energy Conservation Cost) Docket No. 120002-EG
Recovery Clause.)
_____) Filed: October 4, 2012

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

Florida Public Utilities Company (“FPUC” or “the Company”) hereby files its petition for approval of its conservation cost recovery factors for its electric divisions related to the period January 2013 through December 2013. The Company is making this second revised filing upon determining that an incorrect amount for the final, end-of-period true-up for 2011 had been used in calculating the projections for 2013. In support of this Petition, FPUC states:

1. The Company is an electric utility with its principal office located at:

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

2. The name and mailing address of the persons authorized to receive notices are:

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, Florida 33409

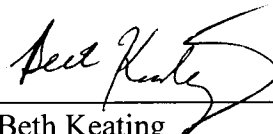
3. Pursuant to the requirements in this docket, FPUC, concurrently with the filing of this petition, files testimony and conservation cost recovery schedules (Second Revised Exhibit CDY-2) for the period, consisting of the reporting forms supplied by the Commission Staff. The changes reflected in Second Revised Exhibit CDY-2 impact the Company’s projection calculations minimally, and are due to the inadvertent use of an incorrect amount for the

final true-up for 2011. The corrected final, end of period true-up amount, as reflected in the second revised exhibit (Schedule C-3), is an under-recovery of \$236,897.

4. As reflected in the exhibit sponsored by Mr. Curtis Young, the conservation costs for the Company's two electric divisions, on a consolidated basis, for the period ending December 2013 is projected to be \$816,675. The estimated conservation true-up amount for the prior period January 2012 to December 2012 is an under-recovery of \$249,597.
5. The total projected energy conservation costs, on a consolidated basis, that the Company seeks to recover during the twelve month period ending December 2013, are \$1,066,272. As such, the Company asks for approval of a consolidated levelized conservation cost recovery factor for this period of \$.00115 per KWH, which is appropriate based upon projected sales for the same period.

WHEREFORE, FPUC respectfully requests that the Commission enter an Order approving the Company's requested conservation cost recovery factor, on a consolidated basis, to be applied to customers' bills for the period January 2013 through December 2013.

RESPECTFULLY SUBMITTED this 4th day of October, 2012.



Beth Keating
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 foregoing has been furnished by US Mail to the following parties of record this 4th day of October, 2012, with the pertinent schedules to be supplied by Electronic Mail consistent with the Order Establishing Procedure:

Florida Public Utilities Company Cheryl Martin/Aleida Socarras 1641 Worthington Road, Suite 220 West Palm Beach, Florida 33409	Jon C. Moyle, Jr., Esq. Vicki G. Kaufman, Esq. Moyle Law Firm 118 North Gadsden St. Tallahassee, FL 32301
Theresa L. Tan, Esq. Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399	Office of Public Counsel Patricia Christensen c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400
Paula K. Brown Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111	John T. Burnett, Esq./Dianne M. Triplett Progress Energy Florida, Inc. P.O. Box 14042 St. Petersburg, FL 33733-4042
Paul Lewis, Jr. Progress Energy Florida, Inc. 106 E. College Ave., Suite 800 Tallahassee, FL 32301	James D. Beasley, Esq. J. Jeffry Wahlen, Esq. Ausley & McMullen P.O. Box 391 Tallahassee, FL 32302
Jeffrey A. Stone, Esq. Russell A. Badders, Esq. Steve R. Griffin, Esq. Beggs & Lane P.O. Box 12950 Pensacola, FL 32591-2950	Kenneth Rubin, Esq. Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420
R. Wade Litchfield Vice President/Assoc. Gen. Counsel Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420	George Cavros, Esq. 120 East Oakland Park Blvd., Suite 105 Fort Lauderdale, FL 33334 george@cavros-law.com
Ms. Susan Ritenour Secretary and Treasurer Gulf Power Company One Energy Place Pensacola, FL 32520-0780	James W. Brew, Esq. Brickfield, Burchette, Ritts & Stone, P.C. Eighth Floor, West Tower 1025 Thomas Jefferson Street, NW Washington, DC 20007
Randy B. Miller White Springs Agricultural Chemicals, Inc. P.O. Box 300	Karen S. White, Staff Attorney c/o AFCESA-ULFSC 139 Barnes Drive, Suite 1

Docket No. 120002-EG

15843 Southeast 78 th St. White Springs, FL 32096	Tyndall AFB, FL 32403-5319
Suzanne Brownless 433 North Magnolia Drive Tallahassee, FL 32308	



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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Determination of Conservation Adjustment Factor

Revised DIRECT TESTIMONY OF CURTIS D. YOUNG

On behalf of

Florida Public Utilities Company

DOCKET NO. 120002-EG

1 Q. **Please state your name, occupation and business address.**

2 A. My name is Curtis Young. I am the Senior Regulatory Analyst for Florida Public
3 Utilities Company. My business address is 1641 Worthington Road, West Palm
4 Beach, Florida 33409.

5 Q. **Describe briefly your background and business experience?**

6 A. I graduated from Pace University in 1982 with a BBA in Accounting. I have been
7 employed by FPUC since 2001. During my employment at FPUC, I have
8 performed various accounting and analytical functions including regulatory
9 filings, revenue reporting, account analysis, recovery rate reconciliations and
10 earnings surveillance. I am also involved in the preparation of special reports
11 and schedules used internally by division managers for decision making
12 projects. Additionally, I coordinate the gathering of data for the FPSC audits.

13 Q. **Are you familiar with the electric conservation programs of the Company and
14 costs which have been, and are projected to be, incurred in their
15 implementation?**

16 A. Yes.

1 **Q. What is the purpose of your testimony in this docket?**

2 A. To describe generally the expenditures made and projected to be made in
3 implementing, promoting, and operating the Company's electric conservation
4 programs. This will include recoverable costs incurred in January through
5 July 2012 and projections of program costs to be incurred from August
6 through December 2012. It will also include projected electric conservation
7 costs for the period January through December 2013, with a calculation of the
8 Conservation Adjustment Factor to be applied to the Company's consolidated
9 electric customers' bills during the collection period of January 1, 2013
10 through December 31, 2013.

11 **Q. Are there any exhibits that you wish to sponsor in this proceeding?**

12 A. Yes. I wish to sponsor as revised Schedules C-1, C-2, C-3, C-4, and C-5, which
13 have been filed with this testimony.

14 **Q. Have you prepared summaries of the Company's electric conservation
15 programs and the costs associated with these programs?**

16 A. Yes. Summaries of the twelve electric conservation programs are contained in
17 Schedule C-5 of second revised Exhibit CDY-2. Included are the Residential Energy
18 Survey Program, the Commercial Energy Survey Program, the Commercial Heating
19 and Cooling Upgrade, the Residential Heating and Cooling Program, the
20 Commercial Indoor Efficient Lighting Rebate Program, the Commercial Window
21 Film Installation Program, the Commercial Chiller Upgrade Program, the Solar
22 Water Heating Program, the Solar Photovoltaic Program, the Electric Conservation
23 Demonstration and Development Program, the Low Income Program and the

1 Affordable Housing Builders and Providers Program.

2 **Q. Have you prepared schedules that show the expenditures associated with the**
3 **Company's electric conservation programs for the periods you have**
4 **mentioned?**

5 A. Yes, Schedule C-3, Pages 1 and 1A of 5, revised Exhibit CDY-2 shows actual
6 expenses for the months January through July 2012. Projections for August through
7 December 2012 are also shown on Schedule C-3, Pages 1 and 1A. Projected
8 expenses for the January through December 2013 period are shown on Schedule C-2,
9 Page 1 of 3 of revised Exhibit CDY-2.

10 **Q. Please explain the increases to your 2011 Conservation Program Costs?**

11 A. The Company experienced increased payroll and associated conservation costs in
12 2011 compared to 2010 and prior years. The increases related to internal changes
13 to job functions and the Marketing Department structure in association with
14 intensified efforts to promote cost saving and energy efficient conservation
15 programs. As more fully described herein, the Company has reassessed its
16 conservation efforts and focus to better align itself with current economic and
17 market conditions. This realignment has impacted not only the level of charges to
18 the conservation program but also the positions that actually perform conservation
19 related activities.

20 **Q. What impacts, if any, has the economy and changes in the housing market had**
21 **on conservation programs?**

22 A. The new residential housing construction market continues to be at levels well
23 below previous years' levels, foreclosures have been at record high levels and
24 existing and potential customers want help in finding ways to save money on their

1 utility bills. The Company took many specific actions so that current customers
2 could receive assistance that would help them reduce costs and conserve energy
3 during one of this country's worst economic conditions. The Company has
4 responded through specific and deliberate efforts, to realign and reorganize itself
5 to the current market conditions and its new Demand Side Management (DSM)
6 programs. The Company's new DSM programs, approved in December 2010 in
7 Docket No. 100158-EG through Order No. PSC-10-0678-PAA-EG and
8 implemented for the 2011 conservation period, have been well received by our
9 customers as evidenced by the rise in participation in the conservation programs.
10 Participation and conservation expense levels experienced in 2011 and 2012 are
11 expected to continue through 2013.

12 **Q. Have you prepared schedules that show revenues for the period January**
13 **through December 2012?**

14 A. Yes. Schedule C-4 shows actual revenues for the months January through July 2012
15 and projected revenues for August through December 2012 and January through
16 December 2013.

17 **Q. Have you prepared a schedule that shows the calculation of the Company's**
18 **proposed Conservation Adjustment Factor to be applied during billing periods**
19 **from January 1, 2013 through December 31, 2013?**

20 A. Yes. Schedule C-1 of revised Exhibit CDY-2 shows these calculations. Net program
21 cost estimates for the period January 1, 2013 through December 31, 2013 are used.
22 The estimated true-up amount from Schedule C-3 (Page 4 of 5, Line 11) of revised
23 Exhibit CDY-2, being an under-recovery, was added to the total of the projected
24 costs for the twelve-month period. The total projected recovery amount, including

1 estimated true-up, was then divided by the projected Retail KWH Sales for the
2 twelve-month period ending December 31, 2013. The resulting Conservation
3 Adjustment Factor is shown on Schedule C-1 (Page 1 of 1) of revised Exhibit CDY-
4 2.

5 **Q. What is the Conservation Adjustment Factor necessary to recover these**
6 **projected net total costs?**

7 A. The Conservation Adjustment Factor is \$.00155 per KWH.

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

9 A. Yes.

ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATION - revised 10/04/2012

FOR MONTHS January-13 THROUGH December-13

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>816,675</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>249,561</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>1,066,236</u>
4.	RETAIL KWH SALES	<u>688,530,000</u>
5.	COST PER KWH	<u>0.00154857</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00155000</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	<u>0.155</u>

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 1 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS - revised 10/4/2012

FOR MONTHS January-13 THROUGH December-13

A. ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1 Common	23,590	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	282,750
2 Residential Energy Survey Program	9,720	9,680	9,680	9,680	9,680	9,680	9,680	9,680	9,680	9,680	9,680	9,680	116,200
3 Commercial Energy Survey Program	5,520	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	5,480	65,800
4 Commercial Heating and Cooling Upgrade	2,630	2,670	2,670	2,670	2,670	2,670	2,670	2,670	2,670	2,670	2,670	2,670	32,000
5 Residential Heating and Cooling Upgrade	7,735	7,790	7,790	7,790	7,790	7,790	7,790	7,790	7,790	7,790	7,790	7,790	93,425
6 Commercial Indoor Efficient Lighting Rebate	4,070	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	49,500
7 Commercial Window Film Installation Program	2,220	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	26,750
8 Commercial Chiller Upgrade Program	2,350	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	28,750
9 Solar Water Heating Program	400	350	350	350	350	350	350	350	350	350	350	350	4,250
10 Solar Photovoltaic Program	3,530	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	42,250
11 Electric Conserv. Demonstration and Development	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	75,000
12 Low Income Program	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Affordable Housing Builders and Providers	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
31. TOTAL ALL PROGRAMS	68,015	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	816,675
32. LESS AMOUNT INCLUDED IN RATE BASE													
33. RECOVERABLE CONSERVATION EXPENSES	68,015	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	68,060	816,675

EXHIBIT NO. _____
DOCKET NO. 120002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(second revised CDY-2)
PAGE 2 OF 24

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM - revised 10/4/2012

PROGRAM NAME	FOR MONTHS		THROUGH	December-13		VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
	January-13	ADVERTISING		LEGAL	OUTSIDE SERVICES									
1 Common	203,000	0	6,000	30,000	10,500	5,000	27,250	0	0	1,000	282,750	0	282,750	
2 Residential Energy Survey Program	40,000	58,000	0	0	3,500	700	4,000	0	0	10,000	116,200	0	116,200	
3 Commercial Energy Survey Program	30,000	25,000	0	0	2,500	300	3,000	0	0	5,000	65,800	0	65,800	
4 Commercial Heating and Cooling Upgrade	5,000	20,000	0	0	500	0	500	0	6,000	0	32,000	0	32,000	
5 Residential Heating and Cooling Upgrade	3,000	60,000	0	0	125	0	300	0	30,000	0	93,425	0	93,425	
6 Commercial Indoor Efficient Lighting Rebate	10,000	30,000	0	0	500	0	1,000	0	8,000	0	49,500	0	49,500	
7 Commercial Window Film Installation Program	5,000	20,000	0	0	250	0	500	0	1,000	0	26,750	0	26,750	
8 Commercial Chiller Upgrade Program	5,000	15,000	0	0	250	0	500	0	8,000	0	28,750	0	28,750	
9 Solar Water Heating Program	1,000	1,000	0	0	125	0	125	0	2,000	0	4,250	0	4,250	
10 Solar Photovoltaic Program	1,000	1,000	0	0	125	0	125	0	40,000	0	42,250	0	42,250	
11 Electric Conserv. Demonstration and Development	4,500	0	0	70,000	250	0	250	0	0	0	75,000	0	75,000	
12 Low Income Program	0	0	0	0	0	0	0	0	0	0	0	0	0	
13 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0	
31. TOTAL ALL PROGRAMS	307,500	230,000	6,000	100,000	18,625	6,000	37,550	0	95,000	16,000	816,675	0	816,675	
32. LESS: BASE RATE RECOVERY														
33. NET PROGRAM COSTS	307,500	230,000	6,000	100,000	18,625	6,000	37,550	0	95,000	16,000	816,675	0	816,675	

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 3 OF 3

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN - revised 10/4/2012

ESTIMATED FOR MONTHS January-13 THROUGH December-13

PROGRAM NAME:

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

EXHIBIT NO. _____
DOCKET NO. 120002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(second revised CDY-2)
PAGE 4 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS - revised 10/4/2012

SCHEDULE C-3
 PAGE 1 OF 5

ACTUAL FOR MONTHS		January-12	THROUGH	July-12									
ESTIMATED FOR MONTHS		August-12	THROUGH	December-12									
PROGRAM NAME	LABOR	ADVERTISING	LEGAL	OUTSIDE	VEHICLE	MATERIALS	TRAVEL	GENERAL	INCENTIVES	OTHER	SUB	PROGRAM	TOTAL
	& PAYROLL												
1. Common													
A. ACTUAL	163,628	89,403	3,250	16,435	8,684	2,942	22,186	0	317	4,670	311,515		311,515
B. ESTIMATED	31,270	20,830	4,170	8,330	2,920	14,580	8,330	0	0	920	91,350		91,350
C. TOTAL	194,898	110,233	7,420	24,765	11,604	17,522	30,516	0	317	5,590	402,865		402,865
2. Commercial Energy Survey Program													
A. ACTUAL	26,957	35,655	0	0	1,654	358	3,367	0	0	4,549	72,540		72,540
B. ESTIMATED	45,860	22,920	0	830	3,750	9,580	8,330	0	0	330	91,600		91,600
C. TOTAL	72,817	58,575	0	830	5,404	9,938	11,697	0	0	4,879	164,140		164,140
3. Commercial Energy Survey Program													
A. ACTUAL	0	1,824	0	0	0	0	0	0	0	1,628	3,452		3,452
B. ESTIMATED	16,230	14,580	0	420	630	1,670	1,670	0	0	0	35,200		35,200
C. TOTAL	16,230	16,404	0	420	630	1,670	1,670	0	0	1,628	38,652		38,652
4. Commercial Heating and Cooling Upgrade													
A. ACTUAL	0	461	0	0	0	0	0	0	0	0	461		461
B. ESTIMATED	2,510	2,080	0	420	420	420	420	0	630	0	6,900		6,900
C. TOTAL	2,510	2,541	0	420	420	420	420	0	630	0	7,361		7,361
5. Residential Heating and Cooling Upgrade													
A. ACTUAL	0	13,659	0	0	0	0	0	0	16,050	0	29,709		29,709
B. ESTIMATED	12,500	10,420	0	420	960	2,920	2,500	0	10,330	0	40,050		40,050
C. TOTAL	12,500	24,079	0	420	960	2,920	2,500	0	26,380	0	69,759		69,759
6. Commercial Indoor Efficient Lighting Rebate													
A. ACTUAL	1,502	336	0	0	130	31	132	0	6,158	0	8,289		8,289
B. ESTIMATED	2,510	3,330	0	420	190	630	500	0	420	0	8,000		8,000
C. TOTAL	4,012	3,666	0	420	320	661	632	0	6,578	0	16,289		16,289
7. Commercial Window Film Installation Program													
A. ACTUAL	0	336	0	0	0	0	0	0	(125)	0	211		211
B. ESTIMATED	2,500	2,080	0	420	170	630	500	0	500	0	6,800		6,800
C. TOTAL	2,500	2,416	0	420	170	630	500	0	375	0	7,011		7,011
SUB-TOTAL ACTUAL	192,087	141,674	3,250	16,435	10,468	3,331	25,685	0	22,400	10,847	426,177		426,177
SUB-TOTAL ESTIMATED	113,380	76,240	4,170	11,260	9,040	30,430	22,250	0	11,880	1,250	279,900		279,900
LESS: PRIOR YEAR AUDIT ADJ.													
ACTUAL											0		0
ESTIMATED													
TOTAL													
NET PROGRAM COSTS	SEE PAGE 1A												

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS - revised 10/4/2012

SCHEDULE C-3
 PAGE 1A OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-12	THROUGH	July-12								SUB	PROGRAM	TOTAL		
	ESTIMATED FOR MONTHS	August-12	THROUGH	December-12	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL				GENERAL & ADMIN.	INCENTIVES
8. Commercial Chiller Upgrade Program																
A. ACTUAL	0	336	0	0	0	0	0	0	0	0	0	0	2,403	0	2,739	2,739
B. ESTIMATED	2,510	6,250	0	420	560	1,670	1,460	0	4,580	0	17,450	0	0	0	17,450	17,450
C. TOTAL	2,510	6,586	0	420	560	1,670	1,460	0	6,983	0	20,189	0	0	0	20,189	20,189
9. Solar Water Heating Program																
A. ACTUAL	0	610	0	0	0	0	0	0	199	0	809	0	0	809	809	809
B. ESTIMATED	2,500	830	0	420	80	420	250	0	250	0	4,750	0	0	4,750	4,750	4,750
C. TOTAL	2,500	1,440	0	420	80	420	250	0	449	0	5,559	0	0	5,559	5,559	5,559
10. Solar Photovoltaic Program																
A. ACTUAL	0	609	0	0	0	0	0	0	24,910	0	25,519	0	0	25,519	25,519	25,519
B. ESTIMATED	2,490	1,670	0	420	170	630	500	0	16,670	0	22,550	0	0	22,550	22,550	22,550
C. TOTAL	2,490	2,279	0	420	170	630	500	0	41,580	0	48,069	0	0	48,069	48,069	48,069
11. Electric Conserv. Demonstration and Development																
A. ACTUAL	0	0	0	12,500	0	0	0	0	0	0	12,500	0	0	12,500	12,500	12,500
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	12,500	0	0	0	0	0	0	12,500	0	0	12,500	12,500	12,500
12. Low Income Program																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13. Affordable Housing Builders and Providers																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14.																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ACTUAL	192,087	143,229	3,250	28,935	10,468	3,331	25,685	0	49,912	10,847	467,744	0	0	467,744	467,744	467,744
TOTAL ESTIMATED	120,880	84,990	4,170	12,520	9,850	33,150	24,460	0	33,380	1,250	324,650	0	0	324,650	324,650	324,650
LESS: PRIOR YEAR AUDIT ADJ.																
ACTUAL														0		0
ESTIMATED																
TOTAL																
NET PROGRAM COSTS	312,967	228,219	7,420	41,455	20,318	36,481	50,145	0	83,292	12,097	792,394	0	0	792,394	792,394	792,394

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN - revised 10/4/2012

SCHEDULE C-3
 PAGE 2 OF 5

ACTUAL FOR MONTHS January-12 THROUGH July-12
 ESTIMATED FOR MONTHS August-12 THROUGH December-12

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

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 DOCKET NO. 120002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS - revised 10/4/2012

SCHEDULE C-3
 PAGE 3 OF 5

ACTUAL FOR MONTHS January-12 THROUGH July-12
 ESTIMATED FOR MONTHS August-12 THROUGH December-12

A. ESTIMATED EXPENSE BY PROGRAM	ACTUAL							TOTAL	ESTIMATED					TOTAL	GRAND
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	ACTUAL	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ESTIMATED	TOTAL
1 Common	31,850	54,848	57,826	54,647	53,256	29,381	29,707	311,515	18,270	18,270	18,270	18,270	18,270	91,350	402,865
2 Residential Energy Survey Program	27,493	(9,760)	8,120	16,430	5,123	13,775	11,359	72,540	18,320	18,320	18,320	18,320	18,320	91,600	164,140
3 Commercial Energy Survey Program	0	500	701	488	271	976	516	3,452	7,040	7,040	7,040	7,040	7,040	35,200	38,652
4 Commercial Heating and Cooling Upgrade	0	0	0	0	0	183	278	461	1,380	1,380	1,380	1,380	1,380	6,900	7,361
5 Residential Heating and Cooling Upgrade	241	1,239	1,441	3,545	5,092	7,140	11,011	29,709	8,010	8,010	8,010	8,010	8,010	40,050	69,759
6 Commercial Indoor Efficient Lighting Rebate	5,388	0	0	770	0	1,978	153	8,289	1,600	1,600	1,600	1,600	1,600	8,000	16,289
7 Commercial Window Film Installation Program	0	0	0	0	0	58	153	211	1,360	1,360	1,360	1,360	1,360	6,800	7,011
8 Commercial Chiller Upgrade Program	0	0	2,403	0	0	183	153	2,739	3,490	3,490	3,490	3,490	3,490	17,450	20,189
9 Solar Water Heating Program	0	0	0	199	0	424	186	809	950	950	950	950	950	4,750	5,559
10 Solar Photovoltaic Program	0	0	9,803	0	5,002	5,527	5,187	25,519	4,510	4,510	4,510	4,510	4,510	22,550	48,069
11 Electric Conserv. Demonstration and Developn	0	0	6,250	0	0	6,250	0	12,500	0	0	0	0	0	0	12,500
12 Low Income Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prior period audit adj.															
31. TOTAL ALL PROGRAMS	64,972	46,827	86,544	76,079	68,744	65,875	58,703	467,744	64,930	64,930	64,930	64,930	64,930	324,650	792,394
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES	64,972	46,827	86,544	76,079	68,744	65,875	58,703	467,744	64,930	64,930	64,930	64,930	64,930	324,650	792,394

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 DOCKET NO. 120002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE UP AND INTEREST PROVISION - revised 10/4/2012

SCHEDULE C-3
PAGE 4 OF 5

	ACTUAL FOR MONTHS	January-12	THROUGH	July-12													
	ESTIMATED FOR MONTHS	August-12	THROUGH	December-12	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION REVENUES																	
1. RCS AUDIT FEES																	
a.																	
b.																	
c.																	
2. CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)		(60,387)	(51,723)	(52,728)	(59,692)	(62,153)	(64,870)	(74,117)	(83,091)	(78,682)	(70,573)	(59,668)	(62,382)	(780,066)			
3. TOTAL REVENUES		(60,387)	(51,723)	(52,728)	(59,692)	(62,153)	(64,870)	(74,117)	(83,091)	(78,682)	(70,573)	(59,668)	(62,382)	(780,066)			
4. PRIOR PERIOD TRUE-UP--ADJ NOT APPLICABLE TO PERIOD		19,741	19,741	19,741	19,741	19,741	19,741	19,741	19,741	19,741	19,741	19,741	19,741	19,741	19,746	236,897	
5. CONSERVATION REVENUES APPLICABLE TO PERIOD		(40,646)	(31,982)	(32,987)	(39,951)	(42,412)	(45,129)	(54,376)	(63,350)	(58,941)	(50,832)	(39,927)	(42,636)	(543,169)			
6. CONSERVATION EXPENSES (FORM C-3,PAGE 3)		64,972	46,827	86,544	76,079	68,744	65,875	58,703	64,930	64,930	64,930	64,930	64,930	792,394			
7. TRUE-UP THIS PERIOD		24,326	14,845	53,557	36,128	26,332	20,746	4,327	1,580	5,989	14,098	25,003	22,294	249,225			
8. INTEREST PROVISION THIS PERIOD (C-3,PAGE 5)		15	21	25	28	30	33	35	32	30	29	29	29	336			
9. TRUE-UP & INTEREST PROVISION		236,897	241,497	236,622	270,463	286,878	293,499	294,537	279,158	261,029	247,307	241,693	246,984	236,897			
10. PRIOR TRUE-UP REFUNDED (COLLECTED)		(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(19,741)	(236,897)			
2011 Audit adj.																	0
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)		241,497	236,622	270,463	286,878	293,499	294,537	279,158	261,029	247,307	241,693	246,984	249,561	249,561			

EXHIBIT NO. _____
DOCKET NO. 120002-EG
FLORIDA PUBLIC UTILITIES COMPANY
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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE UP AND INTEREST PROVISION - revised 10/4/2012

ACTUAL FOR MONTHS January-12 THROUGH July-12
ESTIMATED FOR MONTHS August-12 THROUGH December-12

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	236,897	241,497	236,622	270,463	286,878	293,499	294,537	279,158	261,029	247,307	241,693	246,984	249,561
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	241,482	236,601	270,438	286,850	293,469	294,504	279,123	260,997	247,277	241,664	246,955	249,532	249,225
3. TOTAL BEG. AND ENDING TRUE-UP	478,379	478,098	507,060	557,313	580,347	588,003	573,660	540,155	508,306	488,971	488,648	496,516	498,786
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	239,190	239,049	253,530	278,657	290,174	294,002	286,830	270,078	254,153	244,486	244,324	248,258	249,393
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	0.07%	0.08%	0.13%	0.11%	0.13%	0.12%	0.15%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.08%	0.13%	0.11%	0.13%	0.12%	0.15%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%
7. TOTAL (LINE C-5 + C-6)	0.15%	0.21%	0.24%	0.24%	0.25%	0.27%	0.29%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%
8. AVG INTEREST RATE (C-7 X 50%)	0.08%	0.11%	0.12%	0.12%	0.13%	0.14%	0.15%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%
9. MONTHLY AVERAGE INTEREST RATE	0.006%	0.009%	0.010%	0.010%	0.010%	0.011%	0.012%	0.012%	0.012%	0.012%	0.012%	0.012%	0.012%
10. INTEREST PROVISION (LINE C-4 X C-9)	15	21	25	28	30	33	35	32	30	29	29	29	336

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CALCULATION OF CONSERVATION REVENUES - revised 10/4/2012

SCHEDULE C-4
 PAGE 1 OF 1

FOR THE PERIOD January-12 THROUGH December-13

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2012 JANUARY	52,599	60,387	ACTUAL
FEBRUARY	45,057	51,723	ACTUAL
MARCH	45,936	52,728	ACTUAL
APRIL	51,997	59,692	ACTUAL
MAY	54,183	62,153	ACTUAL
JUNE	56,502	64,870	ACTUAL
JULY	64,559	74,117	ACTUAL
AUGUST	72,349	83,091	0.114847
SEPTEMBER	68,510	78,682	0.114847
OCTOBER	61,449	70,573	0.114848
NOVEMBER	51,954	59,668	0.114848
DECEMBER	54,317	62,382	0.114848
SUB-TOTAL	679,412	780,066	
2013 JANUARY	55,526	85,986	0.154857
FEBRUARY	54,337	84,145	0.154857
MARCH	52,900	81,919	0.154857
APRIL	46,335	71,753	0.154857
MAY	49,364	76,444	0.154857
JUNE	60,699	93,997	0.154857
JULY	70,648	109,404	0.154857
AUGUST	69,926	108,285	0.154857
SEPTEMBER	66,654	103,218	0.154857
OCTOBER	60,517	93,715	0.154857
NOVEMBER	50,112	77,602	0.154857
DECEMBER	51,512	79,770	0.154857
SUB-TOTAL	688,530	1,066,238	
TOTALS	1,367,942	1,846,304	

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Program

1. Residential Energy Survey Program
2. Commercial Energy Survey Program
3. Commercial Heating and Cooling Upgrade Program
4. Residential Heating and Cooling Upgrade Program
5. Commercial Indoor Efficient Lighting Rebate Program
6. Commercial Window Film Installation Program
7. Commercial Chiller Upgrade Program
8. Solar Water Heating Program
9. Solar Photovoltaic Program
10. Conservation Demonstration and Development Program
11. Low Income Program
12. Affordable Housing Builders and Providers Program

PROGRAM TITLE:

Residential Energy Survey Program

PROGRAM DESCRIPTION:

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

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 250 residential surveys will be conducted. Fiscal expenditures for 2013 are projected to be \$116,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 102 surveys were performed and actual expenditures were \$72,540. We estimate that another 150 surveys will be performed between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$105,000. For January 2012 through December 2012, the goal for the number of program participants is 250.

PROGRAM SUMMARY:

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

PROGRAM TITLE:

Commercial Energy Survey Program

PROGRAM DESCRIPTION:

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

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 50 commercial surveys will be conducted. Fiscal expenditures for 2013 are projected to be \$65,800.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 18 surveys were performed and actual expenditures were \$3,452. We estimate that another 35 surveys will be performed between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$50,000.

For January 2012 through December 2012, the goal for the number of program participants is 50.

PROGRAM SUMMARY:

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

PROGRAM TITLE:

Commercial Heating and Cooling Upgrade Program

PROGRAM DESCRIPTION:

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

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 50 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2013 are projected to be \$32,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 0 Commercial Heating and Cooling allowances were paid and actual expenditures were \$461. We estimate that 5 Commercial Heating and Cooling allowances will be paid between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$2,000.

For January 2012 through December 2012, the goal for the number of program participants is 50.

PROGRAM SUMMARY:

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

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

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

PROGRAM TITLE:

Residential Heating and Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION:

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

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 220 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2013 are projected to be \$93,425.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 137 Commercial Heating and Cooling allowances were paid and actual expenditures were \$29,709. We estimate that another 65 Residential Heating and Cooling allowances will be paid between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$55,000.

For January 2012 through December 2012, the goal for the number of program participants is 150.

PROGRAM SUMMARY:

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

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

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

PROGRAM TITLE:

Commercial Indoor Efficient Lighting Rebate Program

PROGRAM DESCRIPTION:

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

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 12 Commercial Indoor Efficient Lighting rebates will be paid. Fiscal expenditures for 2013 are projected to be \$49,500.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 1 Commercial Heating and Cooling allowance was paid and actual expenditures were \$8,289. We estimate that another 10 Commercial Indoor Efficient Lighting rebates will be paid between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$25,000.

For January 2012 through December 2012, the goal for the number of program participants is 12.

PROGRAM SUMMARY:

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

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PROGRAM TITLE:

Commercial Window Film Installation Program.

PROGRAM DESCRIPTION:

The primary purpose of this program is to reduce peak demand and energy consumption by decreasing the load presented on commercial air-conditioning and heating equipment. To serve this purpose, this program requires that commercial customers install solar window film on eastern facing or western facing windows. Solar window film must have a shading co-efficient of .45 or less. Windows with greater than 50% direct solar exposure are exempt from the incentive.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 12 Commercial Window Film Installation rebates will be paid. Fiscal expenditures for 2013 are projected to be \$26,750.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 0 Commercial Window Film Installation allowances were paid and actual expenditures were \$211. We estimate that 10 Commercial Window Film Installation rebates will be paid between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$5,000.

For January 2012 through December 2012, the goal for the number of program participants is 12.

PROGRAM SUMMARY:

Interested commercial customers will notify an FPUC representative. After the project is completed, a Florida Public Utilities Company representative will conduct an on-site post inspection. By following the guidelines, the customer will qualify for a rebate of \$0.50 per square foot of covered area at \$100 maximum per customer.

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

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

PROGRAM TITLE:

Commercial Chiller Upgrade Program

PROGRAM DESCRIPTION:

This program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's commercial sector. To serve this purpose, this program requires that commercial customers replace their existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to \$100 per kW of additional savings above the minimum efficiency levels. The program covers water-cooled centrifugal chillers, water-cooled scroll or screw chillers and air-cooled electric chillers. Minimum qualifications for efficiency exist for each of the chiller types.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 2 Commercial Chiller Upgrade rebate will be paid. Fiscal expenditures for 2013 are projected to be \$28,750.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 0 Commercial Chiller Upgrade allowances were paid and actual expenditures were \$2,739. We estimate that 1 Commercial Chiller Upgrade rebate will be paid between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$5,000.

For January 2012 through December 2012, the goal for the number of program participants is 1.

PROGRAM SUMMARY:

Interested customers will send project proposals to Florida Public Utilities Company and a representative will schedule an on-site visit for inspection prior to installation. After the project is completed, a Florida Public Utilities Company representative will conduct an on-site inspection. By following the guidelines, the customer will qualify for the rebate.

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**FLORIDA PUBLIC UTILITIES COMPANY
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PROGRAM DESCRIPTION AND SUMMARY**

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PROGRAM TITLE:

Solar Water Heating Program

PROGRAM DESCRIPTION:

The primary purpose of the Solar Water Heating Program is to encourage the installation of solar water heaters and thereby reduce the consumption of fossil fuels. Florida Public Utilities Company provides an incentive payment for the installation of a solar water heater. The incentive payments are subject to the cap of \$47,233 for renewable energy programs.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 12 Solar Water Heating rebates will be paid. Fiscal expenditures for 2013 are projected to be \$4,250.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 2 Solar Water Heating allowances were paid and actual expenditures were \$809. We estimate that another 2 Commercial Chiller Upgrade rebates will be paid between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$5,000.

For January 2012 through December 2012, the goal for the number of program participants is 12.

PROGRAM SUMMARY:

The program is open to all Florida Public Utilities Company customers; however, each customer is entitled to only one incentive for installation of solar water heating. Eligible customers will receive an incentive payment of \$200 for the installation of a solar water heating system.

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PROGRAM TITLE:

Solar Photovoltaic Program

PROGRAM DESCRIPTION:

The primary purpose of the Solar Photovoltaic program is to encourage the installation of solar photovoltaic systems by customers. Florida Public Utilities Company provides an incentive payment for the installation of a solar photovoltaic system. The incentive payments are subject to the cap of \$47,233 for renewable energy programs.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that 8 Solar Photovoltaic rebates will be paid. Fiscal expenditures for 2013 are projected to be \$42,250.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012, 6 Solar Photovoltaic allowances were paid and actual expenditures were \$25,519. We estimate that another 4 Solar Photovoltaic rebates will be paid between August 2012 and December 2012. For January 2012 through December 2012 the projected expenses are \$60,000.

For January 2012 through December 2012, the goal for the number of program participants is 8.

PROGRAM SUMMARY:

The program is open to all Florida Public Utilities Company customers; however, each customer is entitled to only one incentive for installation of a solar photovoltaic system. Eligible customers will receive an incentive payment of up to \$5000. Customers must contact Florida Public Utilities Company who will send an inspector to verify the installation prior to the customer receiving the incentive. Any excess generation from the solar photovoltaic system will be purchased by Florida Public Utilities Company under the terms of Northwest Florida Division Rate Schedule REN-1 or Northeast Florida Division Rate Schedule REN-1.

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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. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, the Company estimates that they will engage in 2 CDD projects. Fiscal expenditures for 2013 are projected to be \$75,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012 actual expenditures were \$12,500. For January 2012 through December 2012 the projected expenses are \$25,000.

PROGRAM SUMMARY:

Florida Public Utilities Company will limit the total CDD expenditures to a maximum of \$75,000 per year. The Company will also notify the Florida Public Service Commission of any CDD project that exceeds \$15,000. Costs for CDD projects that meet the program's criteria for acceptance will be charged to Energy Conservation Cost Recovery account.

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PROGRAM TITLE:

Low Income Program

PROGRAM DESCRIPTION:

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

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, fiscal expenditures are projected to be \$0.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012 actual expenditures were \$0. For January 2012 through December 2012 the projected expenses are \$0.

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PROGRAM TITLE:

Affordable Housing Building and Providers Program

PROGRAM DESCRIPTION:

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

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2013, fiscal expenditures are projected to be \$0.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2012 through July 2012 actual expenditures were \$0. For January 2012 through December 2012 the projected expenses are \$0.

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