



GUNSTER
FLORIDA'S LAW FIRM FOR BUSINESS

Writer's E-Mail Address: bkeating@gunster.com

September 10, 2013

VIA E-PORTAL – ELECTRONIC FILING

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

Re: Docket No. 130002-EG – Energy Conservation Cost Recovery Clause

Dear Ms. Cole:

Attached for electronic filing, please find Florida Public Utilities Company's Petition for Approval of Conservation Factors, along with the Direct Testimony and Exhibit CDY-2 of Mr. Curtis Young. Consistent with the directions for this docket, copies of the Petition, Testimony, and Exhibit are being provided to Staff Counsel.

Should you have any questions whatsoever, please do not hesitate to contact me. Thank you for your assistance in this matter.

Sincerely,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 618
Tallahassee, FL 32301
(850) 521-1706

MEK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Energy Conservation Cost)
Recovery Clause.)
_____)
Docket No. 130002-EG
Filed: September 10, 2013

**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 2014 through December 2014. 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 (Exhibit CDY-2) for the period, consisting of the reporting forms supplied by the Commission Staff.
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 2014 is projected to be \$784,700. The estimated conservation true-up amount for the prior period January 2013 to December 2013 is an over-recovery of \$127,366.

Docket No. 130002-EG

5. The total projected energy conservation costs, on a consolidated basis, that the Company seeks to recover during the twelve month period ending December 2014, are \$657,334. As such, the Company asks for approval of a consolidated levelized conservation cost recovery factor for this period of \$.00100 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 2014 through December 2014.

RESPECTFULLY SUBMITTED this 10th day of September, 2013.



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

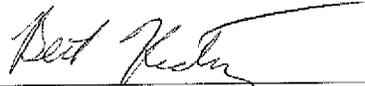
CERTIFICATE OF SERVICE

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 10th day of September, 2013, 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. 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 Duke Energy, Inc. P.O. Box 14042 St. Petersburg, FL 33733-4042
Paul Lewis, Jr. Duke Energy, Inc. 106 E. College Ave., Suite 800 Tallahassee, FL 32301	James D. Beasley, Esq. J. Jeffrey 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
Mr. Ken Hoffman 215 South Monroe Street, Suite 810 Tallahassee, FL 32301-1858	George Cavros, Esq. 120 East Oakland Park Blvd., Suite 105 Fort Lauderdale, FL 33334 george@cavros-law.com
Robert L. McGee 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

Docket No. 130002-EG

Randy B. Miller White Springs Agricultural Chemicals, Inc. P.O. Box 300 15843 Southeast 78 th St. White Springs, FL 32096	Robert Scheffel Wright/John T. LaVia c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308
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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

DIRECT TESTIMONY OF CURTIS D. YOUNG

On behalf of

Florida Public Utilities Company

DOCKET NO. 130002-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.

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

18 A. To describe generally the expenditures made and projected to be made in
19 implementing, promoting, and operating the Company's electric conservation

1 programs. This will include recoverable costs incurred in January through
2 June 2013 and projections of program costs to be incurred from July through
3 December 2013. It will also include projected electric conservation costs for
4 the period January through December 2014, with a calculation of the
5 Conservation Adjustment Factor to be applied to the Company's consolidated
6 electric customers' bills during the collection period of January 1, 2014
7 through December 31, 2014.

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

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

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

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

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

25 A. Yes, Schedule C-3, Pages 1 and 1A of 5, Exhibit CDY-2 shows actual expenses for

1 the months January through June 2013. Projections for July through December 2013
2 are also shown on Schedule C-3, Pages 1 and 1A. Projected expenses for the
3 January through December 2014 period are shown on Schedule C-2, Page 1 of 3 of
4 Exhibit CDY-2.

5 **Q. Have you prepared schedules that show revenues for the period January**
6 **through December 2013?**

7 A. Yes. Schedule C-4 shows actual revenues for the months January through June 2013
8 and projected revenues for July through December 2013 and January through
9 December 2014.

10 **Q. Have you prepared a schedule that shows the calculation of the Company's**
11 **proposed Conservation Adjustment Factor to be applied during billing periods**
12 **from January 1, 2014 through December 31, 2014?**

13 A. Yes. Schedule C-1 of Exhibit CDY-2 shows these calculations. Net program cost
14 estimates for the period January 1, 2014 through December 31, 2014 are used. The
15 estimated true-up amount from Schedule C-3 (Page 4 of 5, Line 11) of Exhibit CDY-
16 2, being an over-recovery, was added to the total of the projected costs for the
17 twelve-month period. The total projected recovery amount, including estimated true-
18 up, was then divided by the projected Retail KWH Sales for the twelve-month period
19 ending December 31, 2014. The resulting Conservation Adjustment Factor is shown
20 on Schedule C-1 (Page 1 of 1) of Exhibit CDY-2.

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

23 A. The Conservation Adjustment Factor is \$.00100 per KWH.

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

25 A. Yes.

ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-14 THROUGH December-14

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>784,700</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>(127,366)</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>657,334</u>
4.	RETAIL KWH SALES	<u>655,968,000</u>
5.	COST PER KWH	<u>0.00100208</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00100300</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	<u>0.100</u>

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-14 THROUGH December-14

A. ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1 Common	25,642	25,642	25,642	25,642	25,642	25,642	25,642	25,642	25,642	25,642	25,642	25,638	307,700
2 Residential Energy Survey Program	12,625	12,625	12,625	12,625	12,625	12,625	12,625	12,625	12,625	12,625	12,625	12,625	151,500
3 Commercial Energy Survey Program	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	51,000
4 Commercial Heating and Cooling Upgrade	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,337	16,000
5 Residential Heating and Cooling Upgrade	9,667	9,667	9,667	9,667	9,667	9,667	9,667	9,667	9,667	9,667	9,667	9,663	116,000
6 Commercial Indoor Efficient Lighting Rebate	683	683	683	683	683	683	683	683	683	683	683	687	8,200
7 Commercial Window Film Installation Program	350	350	350	350	350	350	350	350	350	350	350	350	4,200
8 Commercial Chiller Upgrade Program	683	683	683	683	683	683	683	683	683	683	683	687	8,200
9 Solar Water Heating Program	350	350	350	350	350	350	350	350	350	350	350	350	4,200
10 Solar Photovoltaic Program	3,558	3,558	3,558	3,558	3,558	3,558	3,558	3,558	3,558	3,558	3,558	3,562	42,700
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	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,399	784,700
32. LESS AMOUNT INCLUDED IN RATE BASE													
33. RECOVERABLE CONSERVATION EXPENSES	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,391	65,399	784,700

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-14 THROUGH December-14

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1 Common	196,000	15,000	10,000	35,000	15,000	5,000	25,000	0	500	6,200	307,700	0	307,700
2 Residential Energy Survey Program	50,000	75,000	0	0	3,000	3,500	5,000	0	0	15,000	151,500	0	151,500
3 Commercial Energy Survey Program	20,000	20,000	0	0	1,500	2,000	2,500	0	0	5,000	51,000	0	51,000
4 Commercial Heating and Cooling Upgrade	5,000	5,000	0	0	500	0	500	0	5,000	0	16,000	0	16,000
5 Residential Heating and Cooling Upgrade	5,000	85,000	0	0	500	0	500	0	25,000	0	116,000	0	116,000
6 Commercial Indoor Efficient Lighting Rebate	1,000	2,000	0	0	100	0	100	0	5,000	0	8,200	0	8,200
7 Commercial Window Film Installation Program	1,000	2,000	0	0	100	0	100	0	1,000	0	4,200	0	4,200
8 Commercial Chiller Upgrade Program	1,000	2,000	0	0	100	0	100	0	5,000	0	8,200	0	8,200
9 Solar Water Heating Program	1,000	1,500	0	0	100	0	100	0	1,500	0	4,200	0	4,200
10 Solar Photovoltaic Program	1,000	1,500	0	0	100	0	100	0	40,000	0	42,700	0	42,700
11 Electric Conserv. Demonstration and Development	2,500	0	0	72,000	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	283,500	209,000	10,000	107,000	21,250	10,500	34,250	0	83,000	26,200	784,700	0	784,700
32. LESS: BASE RATE RECOVERY													
33. NET PROGRAM COSTS	283,500	209,000	10,000	107,000	21,250	10,500	34,250	0	83,000	26,200	784,700	0	784,700

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-14 THROUGH December-14

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

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

SCHEDULE C-3
 PAGE 1 OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-13	THROUGH	June-13								SUB TOTAL	PROGRAM REVENUES	TOTAL			
	ESTIMATED FOR MONTHS	July-13	THROUGH	December-13	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL				GENERAL & ADMIN.	INCENTIVES	OTHER
1. Common																	
A. ACTUAL		100,478	12,792	3,166	23,890	6,834	3,223	12,209	0	23	3,038	165,653		165,653			
B. ESTIMATED		101,480	0	3,000	15,000	5,250	2,500	13,630	0	0	500	141,360		141,360			
C. TOTAL		201,958	12,792	6,166	38,890	12,084	5,723	25,839	0	23	3,538	307,013		307,013			
2. Residential Energy Survey Program																	
A. ACTUAL		24,675	36,305	0	0	1,667	324	2,461	0	0	7,405	72,937		72,937			
B. ESTIMATED		19,980	29,000	0	0	1,750	350	2,000	0	0	5,060	58,980		58,980			
C. TOTAL		44,655	65,305	0	0	3,417	674	4,461	0	0	12,465	130,917		130,917			
3. Commercial Energy Survey Program																	
A. ACTUAL		7,963	10,625	0	0	673	193	749	0	1,627	277	22,107		22,107			
B. ESTIMATED		14,980	12,500	0	0	1,250	150	1,500	0	0	2,500	32,880		32,880			
C. TOTAL		22,943	23,125	0	0	1,923	343	2,249	0	1,627	2,777	54,987		54,987			
4. Commercial Heating and Cooling Upgrade																	
A. ACTUAL		3,063	1,146	0	0	192	31	290	0	314	6	5,062		5,062			
B. ESTIMATED		2,520	10,000	0	0	250	0	250	0	3,000	0	16,020		16,020			
C. TOTAL		5,583	11,146	0	0	442	31	540	0	3,314	6	21,082		21,082			
5. Residential Heating and Cooling Upgrade																	
A. ACTUAL		151	38,229	0	0	11	2	14	0	13,541	0	51,948		51,948			
B. ESTIMATED		1,530	30,000	0	0	60	0	150	0	15,000	0	46,740		46,740			
C. TOTAL		1,681	68,229	0	0	71	2	164	0	28,541	0	98,688		98,688			
6. Commercial Indoor Efficient Lighting Rebate																	
A. ACTUAL		158	368	0	0	9	1	16	0	4,071	0	4,623		4,623			
B. ESTIMATED		5,030	15,000	0	0	250	0	500	0	4,000	0	24,780		24,780			
C. TOTAL		5,188	15,368	0	0	259	1	516	0	8,071	0	29,403		29,403			
7. Commercial Window Film Installation Program																	
A. ACTUAL		54	684	0	0	0	0	0	0	92	0	830		830			
B. ESTIMATED		2,500	10,000	0	0	130	0	250	0	500	0	13,380		13,380			
C. TOTAL		2,554	10,684	0	0	130	0	250	0	592	0	14,210		14,210			
SUB-TOTAL ACTUAL		136,662	100,149	3,166	23,890	9,388	3,774	15,739	0	19,668	10,726	323,060		323,060			
SUB-TOTAL ESTIMATED		148,020	106,500	3,000	15,000	8,940	3,000	18,280	0	22,500	8,000	333,240		333,240			
LESS: PRIOR YEAR AUDIT ADJ.												0		0			
ACTUAL																	
ESTIMATED																	
TOTAL																	
NET PROGRAM COSTS		SEE PAGE 1A															

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

SCHEDULE C-3
 PAGE 1A OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-13	THROUGH	June-13								SUB	PROGRAM	TOTAL			
	ESTIMATED FOR MONTHS	July-13	THROUGH	December-13	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL				GENERAL & ADMIN.	INCENTIVES	OTHER
8. Commercial Chiller Upgrade Program																	
A. ACTUAL		0	368	0	0	0	0	0	0	0	0	0	0	0	368	0	368
B. ESTIMATED		2,520	7,500	0	0	0	130	0	250	0	4,000	0	0	0	14,400	0	14,400
C. TOTAL		2,520	7,868	0	0	0	130	0	250	0	4,000	0	0	14,768	0	14,768	
9. Solar Water Heating Program																	
A. ACTUAL		354	342	0	0	19	3	29	0	0	200	0	0	947	0	947	
B. ESTIMATED		480	500	0	0	60	0	60	0	1,000	0	0	0	2,100	0	2,100	
C. TOTAL		834	842	0	0	79	3	89	0	1,200	0	0	0	3,047	0	3,047	
10. Solar Photovoltaic Program																	
A. ACTUAL		991	436	0	0	55	8	91	0	39,813	2	0	0	41,396	0	41,396	
B. ESTIMATED		500	500	0	0	60	0	60	0	20,000	0	0	0	21,120	0	21,120	
C. TOTAL		1,491	936	0	0	115	8	151	0	59,813	2	0	0	62,516	0	62,516	
11. Electric Conserv. Demonstration and Development																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		2,240	0	0	35,000	130	0	130	0	0	0	0	0	37,500	0	37,500	
C. TOTAL		2,240	0	0	35,000	130	0	130	0	0	0	0	0	37,500	0	37,500	
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		137,907	101,295	3,166	23,880	9,460	3,785	15,859	0	59,681	10,728	0	0	365,771	0	365,771	
TOTAL ESTIMATED		153,760	115,000	3,000	50,000	9,320	3,000	18,780	0	47,500	8,000	0	0	408,360	0	408,360	
LESS: PRIOR YEAR AUDIT ADJ.														0			0
ACTUAL																	
ESTIMATED																	
TOTAL																	
NET PROGRAM COSTS		291,667	216,295	6,166	73,880	18,780	6,785	34,638	0	107,181	18,728	0	0	774,131	0	774,131	

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

SCHEDULE C-3
 PAGE 2 OF 5

ACTUAL FOR MONTHS January-13 THROUGH June-13
 ESTIMATED FOR MONTHS July-13 THROUGH December-13

	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. 130002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (CDY-2)
 PAGE 7 OF 24

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

SCHEDULE C-3
 PAGE 3 OF 5

ACTUAL FOR MONTHS January-13 THROUGH June-13
 ESTIMATED FOR MONTHS July-13 THROUGH December-13

A. ESTIMATED EXPENSE BY PROGRAM	ACTUAL						TOTAL ACTUAL	ESTIMATED						TOTAL ESTIMATED	GRAND TOTAL
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 Common	33,556	19,184	40,562	31,724	23,884	16,763	165,653	23,560	23,560	23,560	23,560	23,580	23,560	141,360	307,013
2 Residential Energy Survey Program	4,149	14,215	11,137	13,095	16,878	13,363	72,837	9,680	9,680	9,680	9,680	9,880	9,680	58,080	130,917
3 Commercial Energy Survey Program	1,708	1,328	874	3,847	5,747	8,803	22,107	5,480	5,480	5,480	5,480	5,480	5,480	32,880	54,987
4 Commercial Heating and Cooling Upgrade	350	1,795	778	2,189	(122)	72	5,062	2,670	2,670	2,670	2,670	2,670	2,670	16,020	21,082
5 Residential Heating and Cooling Upgrade	3,978	8,231	10,380	10,746	11,447	7,187	51,948	7,790	7,790	7,790	7,790	7,790	7,790	46,740	98,688
6 Commercial Indoor Efficient Lighting Rebate	4,042	174	0	457	(122)	72	4,623	4,130	4,130	4,130	4,130	4,130	4,130	24,780	29,403
7 Commercial Window Film Installation Program	25	(10)	0	457	151	207	830	2,230	2,230	2,230	2,230	2,230	2,230	13,380	14,210
8 Commercial Chiller Upgrade Program	(29)	(10)	0	457	(122)	72	358	2,400	2,400	2,400	2,400	2,400	2,400	14,400	14,768
9 Solar Water Heating Program	286	181	140	435	(122)	17	947	350	350	350	350	350	350	2,100	3,047
10 Solar Photovoltaic Program	5,212	10,637	5,317	5,530	14,683	17	41,386	3,520	3,520	3,520	3,520	3,520	3,520	21,120	62,516
11 Electric Conserv. Demonstration and Develop	0	0	0	0	0	0	0	8,250	6,250	6,250	6,250	6,250	6,250	37,500	37,500
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	53,287	55,725	68,988	68,936	72,282	46,553	365,771	68,060	68,060	68,060	68,060	68,060	68,060	408,360	774,131
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES	53,287	55,725	68,988	68,936	72,282	46,553	365,771	68,060	68,060	68,060	68,060	68,060	68,060	408,360	774,131

EXHIBIT NO. _____
 DOCKET NO. 130002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (CDY-2)
 PAGE 8 OF 24

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

SCHEDULE C-3
PAGE 4 OF 5

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS	January-13	THROUGH	June-13											TOTAL		
	July-13	THROUGH	December-13	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER		NOVEMBER	DECEMBER
B. CONSERVATION REVENUES																
1. RCS AUDIT FEES																
a.																
b.																
c.																
2. CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)	(78,543)	(69,173)	(76,574)	(67,894)	(74,322)	(86,972)	(109,404)	(108,285)	(103,218)	(93,715)	(77,602)	(79,770)	(1,025,472)			
3. TOTAL REVENUES	(78,543)	(69,173)	(76,574)	(67,894)	(74,322)	(86,972)	(109,404)	(108,285)	(103,218)	(93,715)	(77,602)	(79,770)	(1,025,472)			
4. PRIOR PERIOD TRUE-UP--ADJ NOT APPLICABLE TO PERIOD	10,329	10,329	10,329	10,329	10,329	10,329	10,329	10,329	10,329	10,329	10,329	10,329	123,947			
5. CONSERVATION REVENUES APPLICABLE TO PERIOD	(68,214)	(58,844)	(66,245)	(57,565)	(63,993)	(76,643)	(99,075)	(97,956)	(92,889)	(83,386)	(67,273)	(69,442)	(901,525)			
6. CONSERVATION EXPENSES (FORM C-3,PAGE 3)	53,287	55,725	66,388	68,936	72,282	46,553	68,060	68,060	68,060	69,060	68,060	68,060	774,131			
7. TRUE-UP THIS PERIOD	(14,927)	(3,119)	2,743	11,371	8,289	(30,090)	(31,015)	(29,896)	(24,829)	(15,326)	787	(1,382)	(127,394)			
8. INTEREST PROVISION THIS PERIOD (C-3,PAGE 5)	12	11	8	6	5	3	1	(1)	(3)	(4)	(5)	(5)	28			
9. TRUE-UP & INTEREST PROVISION	123,947	96,703	85,266	77,688	78,736	76,701	36,285	(5,058)	(45,284)	(80,445)	(106,104)	(115,651)	123,947			
10. PRIOR TRUE-UP REFUNDED (COLLECTED)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(10,329)	(123,947)			
2012 Audit adj.													0			
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)	98,703	85,266	77,688	78,736	76,701	36,285	(5,058)	(45,284)	(80,445)	(106,104)	(115,651)	(127,368)	(127,366)			

EXHIBIT NO. _____
DOCKET NO.130002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 9 OF 24

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

SCHEDULE C-3
PAGE 5 OF 5

ACTUAL FOR MONTHS January-13 THROUGH June-13
ESTIMATED FOR MONTHS July-13 THROUGH December-13

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	123,947	98,703	85,266	77,688	78,736	76,701	38,285	(5,058)	(45,284)	(80,445)	(106,104)	(115,651)	(127,366)
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	98,691	85,255	77,680	78,730	76,686	36,282	(5,059)	(45,283)	(80,442)	(106,100)	(115,646)	(127,361)	(127,394)
3. TOTAL BEG. AND ENDING TRUE-UP	222,638	183,958	162,946	156,418	155,422	112,983	31,226	(50,341)	(125,726)	(186,545)	(221,750)	(243,012)	(254,760)
4. AVERAGE TRUE-UP (LINE C-3 X 50%)	111,319	91,979	81,473	78,209	77,716	56,492	15,613	(25,171)	(62,863)	(93,273)	(110,875)	(121,506)	(127,380)
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	0.10%	0.15%	0.14%	0.09%	0.09%	0.05%	0.08%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.15%	0.14%	0.09%	0.09%	0.05%	0.08%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
7. TOTAL (LINE C-5 + C-6)	0.25%	0.29%	0.23%	0.18%	0.14%	0.13%	0.13%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
8. AVG INTEREST RATE (C-7 X 50%)	0.13%	0.15%	0.12%	0.09%	0.07%	0.07%	0.07%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
9. MONTHLY AVERAGE INTEREST RATE	0.010%	0.012%	0.010%	0.008%	0.006%	0.005%	0.005%	0.004%	0.004%	0.004%	0.004%	0.004%	0.004%
10. INTEREST PROVISION (LINE C-4 X C-9)	12	11	8	6	5	3	1	(1)	(3)	(4)	(5)	(5)	28

EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 10 OF 24

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

SCHEDULE C-4
 PAGE 1 OF 1

FOR THE PERIOD January-13 THROUGH December-14

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2013 JANUARY	51,545	78,543	ACTUAL
FEBRUARY	45,387	69,173	ACTUAL
MARCH	50,975	76,574	ACTUAL
APRIL	44,378	67,894	ACTUAL
MAY	48,598	74,322	ACTUAL
JUNE	56,654	86,972	ACTUAL
JULY	70,648	109,404	0.154858
AUGUST	69,926	108,285	0.154857
SEPTEMBER	66,654	103,218	0.154856
OCTOBER	60,517	93,715	0.154857
NOVEMBER	50,112	77,602	0.154857
DECEMBER	51,512	79,770	0.154857
SUB-TOTAL	666,908	1,025,472	
2014 JANUARY	53,144	53,255	0.100208
FEBRUARY	51,948	52,056	0.100208
MARCH	50,592	50,697	0.100208
APRIL	44,395	44,487	0.100208
MAY	47,198	47,296	0.100208
JUNE	57,725	57,845	0.100208
JULY	66,697	66,837	0.100208
AUGUST	66,178	66,316	0.100208
SEPTEMBER	63,164	63,296	0.100208
OCTOBER	57,545	57,665	0.100208
NOVEMBER	47,927	48,027	0.100208
DECEMBER	49,455	49,558	0.100208
SUB-TOTAL	655,968	657,335	
TOTALS	1,322,874	1,682,807	

EXHIBIT NO. _____
 DOCKET NO. 130002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (CDY-2)
 PAGE 11 OF 24

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 2014, the Company estimates that 250 residential surveys will be conducted. Fiscal expenditures for 2014 are projected to be \$151,500.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 112 surveys were performed and actual expenditures were \$72,837. We estimate that another 120 surveys will be performed between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$130,917.

For January 2013 through December 2013, 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 2014, the Company estimates that 50 commercial surveys will be conducted. Fiscal expenditures for 2014 are projected to be \$51,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 27 surveys were performed and actual expenditures were \$22,107. We estimate that another 20 surveys will be performed between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$54,987.

For January 2013 through December 2013, 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 2014, the Company estimates that 50 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2014 are projected to be \$16,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 3 Commercial Heating and Cooling allowances were paid and actual expenditures were \$5,062. We estimate that 6 Commercial Heating and Cooling allowances will be paid between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$21,082.

For January 2013 through December 2013, 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.

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 2014, the Company estimates that 240 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2014 are projected to be \$116,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 142 Residential Heating and Cooling allowances were paid and actual expenditures were \$51,948. We estimate that another 100 Residential Heating and Cooling allowances will be paid between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$98,688.

For January 2013 through December 2013, 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.

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 2014, the Company estimates that 12 Commercial Indoor Efficient Lighting rebates will be paid. Fiscal expenditures for 2014 are projected to be \$8,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 1 Commercial Heating and Cooling allowance was paid and actual expenditures were \$4,623. We estimate that another 1 Commercial Indoor Efficient Lighting rebate will be paid between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are 29,403.

For January 2013 through December 2013, 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.

**EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES CO.
(CDY-2)
Page 17 of 24**

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 2014, the Company estimates that 12 Commercial Window Film Installation rebates will be paid. Fiscal expenditures for 2014 are projected to be \$4,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 1 Commercial Window Film Installation allowances were paid and actual expenditures were \$830. We estimate that 1 Commercial Window Film Installation rebate will be paid between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$14,210.

For January 2013 through December 2013, 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.

EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES CO.
(CDY-2)
Page 18 of 24

**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 2014, the Company estimates that 1 Commercial Chiller Upgrade rebate will be paid. Fiscal expenditures for 2014 are projected to be \$8,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 0 Commercial Chiller Upgrade allowances were paid and actual expenditures were \$368. We estimate that 1 Commercial Chiller Upgrade rebate will be paid between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$14,768.

For January 2013 through December 2013, 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.

**EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES CO.
(CDY-2)
Page 19 of 24**

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 2014, the Company estimates that 12 Solar Water Heating rebates will be paid. Fiscal expenditures for 2014 are projected to be \$4,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 2 Solar Water Heating allowances were paid and actual expenditures were \$947. We estimate that another 0 Solar Water Heating rebates will be paid between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$3,047.

For January 2013 through December 2013, 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.

EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES CO.
(CDY-2)
Page 20 of 24

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

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

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 2014, the Company estimates that 8 Solar Photovoltaic rebates will be paid. Fiscal expenditures for 2014 are projected to be \$42,700.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013, 9 Solar Photovoltaic allowances were paid and actual expenditures were \$41,396. We estimate that another 0 Solar Photovoltaic rebates will be paid between July 2013 and December 2013. For January 2013 through December 2013 the projected expenses are \$62,516.

For January 2013 through December 2013, 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.

**EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES CO.
(CDY-2)
Page 21 of 24**

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 2014, the Company estimates that they will engage in 2 CDD projects. Fiscal expenditures for 2014 are projected to be \$75,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013 actual expenditures were \$0. For January 2013 through December 2013 the projected expenses are \$37,500.

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.

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

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

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 2014, fiscal expenditures are projected to be \$0.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013 actual expenditures were \$0. For January 2013 through December 2013 the projected expenses are \$0.

**EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES CO.
(CDY-2)
Page 23 of 24**

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

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

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 2014, fiscal expenditures are projected to be \$0.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2013 through June 2013 actual expenditures were \$0. For January 2013 through December 2013 the projected expenses are \$0.

**EXHIBIT NO. _____
DOCKET NO. 130002-EG
FLORIDA PUBLIC UTILITIES CO.
(CDY-2)
Page 24 of 24**