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August 19, 2014

VIA E-PORTAL – ELECTRONIC FILING

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

Re: Docket No. 140002-EG - Energy Conservation Cost Recovery Clause

Dear Ms. Stauffer:

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)	Docket No. 140002-EG
Recovery Clause.)	
		Filed: August 19, 2014

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 2015 through December 2015. 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 911 South 8th St. Fernandina Beach, Florida 32034

- 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 2015 is projected to be \$864,400. The estimated conservation true-up amount for the prior period January 2014 to December 2014 is an over-recovery of \$175,773.

5. The total projected energy conservation costs, on a consolidated basis, that the Company seeks to recover during the twelve month period ending December 2015, are \$688,627. As such, the Company asks for approval of a consolidated levelized conservation cost recovery factor for this period of \$.00107 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 2015 through December 2015.

RESPECTFULLY SUBMITTED this 19th day of August, 2014.

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 Electronic Mail to the following parties of record this 19th day of August, 2014, along with the referenced Testimony and Exhibit of Mr. Young:

Florida Public Utilities Company Cheryl Martin/Aleida Socarras 1641 Worthington Road, Suite 220 West Palm Beach, Florida 33409 Theresa L. Tan, Esq. Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399	Jon C. Moyle, Jr., Esq. Moyle Law Firm 118 North Gadsden St. Tallahassee, FL 32301 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
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
Randy B. Miller	Karen S. White, Staff Attorney

White Springs Agricultural Chemicals, Inc.	c/o AFCESA-ULFSC
P.O. Box 300	139 Barnes Drive, Suite 1
15843 Southeast 78 th St.	Tyndall AFB, FL 32403-5319
White Springs, FL 32096	
Mr. Ken Hoffman	
215 South Monroe Street, Suite 810	
Tallahassee, FL 32301-1858	

Beth Keating

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

Tallahassee, FL 32301 (850) 521-1706

1	BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2	In Re: Determination of Conservation Adjustment Factor
3	DIRECT TESTIMONY OF CURTIS D. YOUNG
4	On behalf of
5	Florida Public Utilities Company
6	<u>DOCKET NO. 140002-EG</u>
7	Q. Please state your name, occupation and business address.
8	A. My name is Curtis Young. I am the Senior Regulatory Analyst for Florida Public Utilities
9	Company. My business address is 1641 Worthington Road, West Palm Beach, Florida
10	33409.
11	$\ \ \bigcirc$. Describe briefly your background and business experience?
12	A. I graduated from Pace University in 1982 with a BBA in Accounting. I have been
13	employed by FPUC since 2001. During my employment at FPUC, I have
14	performed various accounting and analytical functions including regulatory filings,
15	revenue reporting, account analysis, recovery rate reconciliations and earnings
16	surveillance. I am also involved in the preparation of special reports and schedules
17	used internally by division managers for decision making projects. Additionally, I
18	coordinate the gathering of data for the FPSC audits.
19	Q. Are you familiar with the electric conservation programs of the Company and costs
20	which have been, and are projected to be, incurred in their implementation?
21	A. Yes.
22	Q. What is the purpose of your testimony in this docket?
23	A. To describe generally the expenditures made and projected to be made in
24	implementing, promoting, and operating the Company's electric conservation

1	nrograms	This will	include	recoverable	coete	incurred	in	Ignijary	through	Inne
1	programs.	TIIIS WIII	meruae	recoverable	COSIS	meurrea	Ш	January	unougn	June

- 2 2014 and projections of program costs to be incurred from July through December
- 3 2014. It will also include projected electric conservation costs for the period
- 4 January through December 2015, with a calculation of the Conservation
- 5 Adjustment Factor to be applied to the Company's consolidated electric
- 6 customers' bills during the collection period of January 1, 2015 through December
- 7 31, 2015.
- $8 \quad Q$. 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 have
- been filed with this testimony.
- 11 Q. Have you prepared summaries of the Company's electric conservation programs
- and the costs associated with these programs?
- 13 A. Yes. Summaries of the twelve electric conservation programs are contained in Schedule
- 14 C-5 of Exhibit CDY-2. Included are the Residential Energy Survey Program, the
- 15 Commercial Energy Survey Program, the Commercial Heating and Cooling Upgrade, the
- 16 Residential Heating and Cooling Program, the Commercial Indoor Efficient Lighting
- 17 Rebate Program, the Commercial Window Film Installation Program, the Commercial
- 18 Chiller Upgrade Program, the Solar Water Heating Program, the Solar Photovoltaic
- 19 Program, the Electric Conservation Demonstration and Development Program, the Low
- Income Program and the Affordable Housing Builders and Providers Program.
- 21 Q. Have you prepared schedules that show the expenditures associated with the
- 22 Company's electric conservation programs for the periods you have mentioned?
- 23 A. Yes, Schedule C-3, Pages 1 and 1A of 5, Exhibit CDY-2 shows actual expenses for the
- 24 months January through June 2014. Projections for July through December 2014 are also

- shown on Schedule C-3, Pages 1 and 1A. Projected expenses for the January through
- 2 December 2015 period are shown on Schedule C-2, Page 1 of 3 of Exhibit CDY-2.
- 3 Q. Have you prepared schedules that show revenues for the period January through
- 4 **December 2014?**
- 5 A. Yes. Schedule C-4 shows actual revenues for the months January through June 2014 and
- 6 projected revenues for July through December 2014 and January through December 2015.
- 7 Q. Have you prepared a schedule that shows the calculation of the Company's
- 8 proposed Conservation Adjustment Factor to be applied during billing periods from
- 9 **January 1, 2015 through December 31, 2015?**
- 10 A. Yes. Schedule C-1 of Exhibit CDY-2 shows these calculations. Net program cost
- estimates for the period January 1, 2015 through December 31, 2015 are used. The
- estimated true-up amount from Schedule C-3 (Page 4 of 5, Line 11) of Exhibit CDY-2,
- being an over-recovery, was added to the total of the projected costs for the twelve-month
- 14 period. The total projected recovery amount, including estimated true-up, was then
- divided by the projected Retail KWH Sales for the twelve-month period ending December
- 16 31, 2015. The resulting Conservation Adjustment Factor is shown on Schedule C-1 (Page
- 17 1 of 1) of Exhibit CDY-2.
- 18 Q. What is the Conservation Adjustment Factor necessary to recover these projected
- 19 net total costs?
- A. The Conservation Adjustment Factor is \$.00107 per KWH.
- 21 Q. Does this conclude your testimony?
- 22 A. Yes.

SCHEDULE C-1 PAGE 1 OF 1

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

ENERGY CONSERVATION ADJUSTMENT SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS

January-15

THROUGH

December-15

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	864,400
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	(175,773)
3.	TOTAL (LINE 1 AND LINE 2)	688,627
4.	RETAIL KWH.SALES	643,065,997
5.	COST PER KWH	0.00107085
6.	REVENUE TAX MULTIPLIER *	1.00072
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	0.00107200
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	0.107

EXHIBIT NO. DOCKET NO.140002-EG FLORIDA PUBLIC UTILITIES COMPANY (CDY-2) PAGE 1 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS

January-15 THROUGH

December-15

A.	ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	Common	33,458	33,458	33,458	33,458	33,458	33,458	33,458	33,458	33,458	33,458	33,458	33,462	401,500
	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
	Commercial Energy Survey Program	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	32,700
	Commercial Heating and Cooling Upgrade	767	767	767	767	767	767	767	767	767	767	767	763	9,200
5	Residential Heating and Cooling Upgrade	11,417	11,417	11,417	11,417	11,417	11,417	11,417	11,417	11,417	11,417	11,417	11,413	137,000
6	Commercial Indoor Efficient Lighting Rebate	350	350	350	350	350	350	350	350	350	350	350	350	4,200
7	Commercial Window Film Installation Program	267	267	267	267	267	267	267	267	267	267	267	263	3,200
8	Commercial Chiller Upgrade Program	267	267	267	267	267	267	267	267	267	267	267	263	3,200
9	Solar Water Heating Program	183	183	183	183	183	183	183	183	183	183	183	187	2,200
10	Solar Photovoltaic Program	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	44,700
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	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,026	864,400
32.	LESS AMOUNT INCLUDED IN RATE BASE													
33.	RECOVERABLE CONSERVATION EXPENSES	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,034	72,026	864,400

EXHIBIT NO. _ DOCKET NO.140002-EG FLORIDA PUBLIC UTILITIES COMPANY (CDY-2) PAGE 2 OF 24

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS

January-15 THROUGH

December-15

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1 Common	250,000	15,000	10,000	60,000	17,000	7,000	33,000	0	500	9,000	401.500	0	401,500
Residential Energy Survey Program	50,000	75,000	0,000	00,000	5,000	1,000	7,500	Ō	0	13,000	151,500	0	151,500
Commercial Energy Survey Program	10,000	20,000	0	Ď	1,000	200	1,000	Ō	0	500	32,700	0	32,700
4 Commercial Heating and Cooling Upgrade	2,000	2,000	Õ	n	100	0	100	0	5,000	0	9,200	0	9,200
5 Residential Heating and Cooling Upgrade	5,000	100,000	0	ñ	500	0	1,000	0	30,000	500	137,000	0	137,000
6 Commercial Indoor Efficient Lighting Rebate	1,000	1.000	0	Ö	100	Ô	100	0	2,000	0	4.200	0	4,200
7 Commercial Window Film Installation Program	1,000	1,000	0	0	100	n	100	0	1,000	0	3,200	0	3,200
Commercial Willdow Film Installation Program Commercial Chiller Upgrade Program	1,000	1,000	0	0	100	ñ	100	0	1,000	ō	3,200	0	3,200
Solar Water Heating Program	500	500	0	Ö	100	ñ	100	0	1,000	0	2,200	0	2,200
10 Solar Photovoltaic Program	1,000	500	n	0	100	ő	100	ō	43,000	0	44,700	0	44,700
11 Electric Conserv. Demonstration and Development	2,500	0	0	72,000	250	n	250	0	0	0	75,000	0	75,000
12 Low Income Program	2,300	0	0	0	0	0	0	0	0	0	. 0	0	0
13 Affordable Housing Builders and Providers	0	Ö	0	Ö	0	0	Ō	0	0	0	0	0	0
31. TOTAL ALL PROGRAMS 32. LESS: BASE RATE RECOVERY	324,000	216,000	10,000	132,000	24,350	8,200	43,350	0	83,500	23,000	864,400	0	864,400
33. NET PROGRAM COSTS	324,000	216,000	10,000	132,000	24,350	8,200	43,350	0	83,500	23,000	864,400	0	864,400

EXHIBIT NO.______
DOCKET NO.140002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-15 THROUGH December-15

	PROGRAM NAME:														
		OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	INVESTMENT														
2.	DEPRECIATION BASE														
3.	DEPRECIATION EXPENSE								3003 Marketon (1990)					. 2000000000000000000000000000000000000	
4.	CUMULATIVE INVESTMENT														
5.	LESS:ACCUMULATED DEPRECIATION														
6.	NET INVESTMENT	- IV-Park										tonius.			
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.140002-EG FLORIDA PUBLIC UTILITIES COMPANY (CDY-2) PAGE 4 OF 24

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

ACTUAL FOR MONTHS
ESTIMATED FOR MONTHS

January-14 July-14

THROUGH THROUGH June-14 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	100 105	4.800	0.000	40.740	8,872	2,413	17.000	0	72	6,362	194,854		194,854
	A. ACTUAL	138,495 98,000	4,839 7,500	2,969 5,000	13,743 17,500	7,500	2,413	17,090 12,500	0	250	3,100	153,850		153,850
	B. ESTIMATED C. TOTAL	236,495	12,339	7,969	31,243	16,372	4,913	29,590	0	322	9,462	348,704		348,704
	C. TOTAL	230,493	12,009	1,303	31,243	10,572	7,515	20,000	Ü	022	0,102	010,101		0.0,.0.
2.	Residential Energy Survey Program													
	A. ACTUAL	33,779		0	0	3,304	402	5,396	0	0	5,591	94,470		94,470
	B. ESTIMATED	25,000		0	0	1,500	1,750	2,500	0	0	7,500	75,750		75,750
	C. TOTAL	58,779	83,497	0	0	4,804	2,152	7,896	0	0	13,091	170,220		170,220
3.	Commercial Energy Survey Program													
٥.	A. ACTUAL	2,479	35,021	0	0	316	34	528	0	0	37	38,416		38,416
	B. ESTIMATED	10,000		0	ő	750	1,000	1,250	ō	. 0	2,500	25,500		25,500
	C, TOTAL	12,479		0	ő	1,066	1,034	1,778	ō	Ō	2,537	63,916		63,916
	C. TOTAL	12,475	40,021	ŭ	ŭ	,,555	,,,,,,	7,			-,	/		
4.	Commercial Heating and Cooling Upg	rade												
	A. ACTUAL	397		0	0	98	13	90	0	880	7	2,311		2,311
	B. ESTIMATED	2,500	2,500	0	0	250	0	250	0	2,500	0	8,000		8,000
	C. TOTAL	2,897	3,326	0	0	348	13	340	0	3,380	7	10,311		10,311
5.	Residential Heating and Cooling Upgr	ahe												
J.	A. ACTUAL	1,855	11,647	0	0	117	17	197	0	14.910	46	28,790		28,790
	B. ESTIMATED	2,500		Ö	Ö	250	0	250	Ō	12,500	0	58,000		58,000
	C. TOTAL	4,355		Ö	ō	367	17	447	0		46	86,790		86,790
	*··													
6	Commercial Indoor Efficient Lighting F								_	_				
	A. ACTUAL	2,379		0	0	155	21	262	0	0	60	3,703		3,703
	B. ESTIMATED	500		0	0	50	0	50	0	2,500	0	4,100		4,100
	C. TOTAL	2,879	1,826	0	0	205	21	312	0	2,500	60	7,803		7,803
7.	Commercial Window Film Installation	Program												
	A. ACTUAL	0	826	0	0	0	0	0	0		0	826		826
	B, ESTIMATED	500	1,000	0	0	50	0	50	0		0	2,100		2,100
	C. TOTAL	500	1,826	0	0	50	0	50	0	500	0	2,926		2,926
	SUB-TOTAL ACTUAL	179,383	99,981	2,969	13,743	12,863	2,902	23,564	0	15,862	12,104	363,369		363,369
	SUB-TOTAL ESTIMATED	139,000		5,000	17,500	10,350	5,250	16,850	ō		13,100	327,300		327,300
	-			-,										
LES	S; PRIOR YEAR AUDIT ADJ.											0		0
	ACTUAL											U		U
	ESTIMATED													
	TOTAL													
NF	F PROGRAM COSTS		SEE PAGE 1A			-								
,		*****					****							

EXHIBIT NO.
DOCKET NO.140002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
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ACTUAL FOR MONTHS
ESTIMATED FOR MONTHS

January-14 July-14 THROUGH THROUGH June-14 December-14

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
8.	Commercial Chiller Upgrade Program A. ACTUAL B. ESTIMATED C. TOTAL	1,176 500 1,676	769 1,000 1,769	0 0 0	0 0 0	58 50 108	15 0 15	95 50 145	0 0 0	0 2,500 2,500	31 0 31	2,144 4,100 6,244		2,144 4,100 6,244
9.	Solar Water Heating Program A. ACTUAL B. ESTIMATED C. TOTAL	0 500 500	0 750 750	0 0 0	0 0 0	0 50 50	0 0 0	0 50 50	0 0 0		0 0 0	0 2,100 2,100		0 2,100 2,100
10.	Solar Photovoltaic Program A. ACTUAL B. ESTIMATED C. TOTAL	0 500 500	0 750 750	0 0 0	0 0 0	0 50 50	0 0 0	0 50 50	0 0 0	3,652	0 0 0	40,013 5,002 45,015		40,013 5,002 45,015
11.	Electric Conserv. Demonstration and Development A. ACTUAL B. ESTIMATED C. TOTAL	0 1,250 1,250	0 0 0	0 0 0	0 36,000 36,000	0 130 130	0 0 0	0 120 120	0 0 0		0 0 0	0 37,500 37,500		0 37,500 37,500
12.	Low Income Program A. ACTUAL B. ESTIMATED C. TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 . 0	0 0 0	0 0 0	0 0 0	0	0 0 0	0 0 0		0 0 0
13	Affordable Housing Builders and Providers A. ACTUAL B. ESTIMATED C. TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0	0	0 0 0	0 0 0		0 0 0
14.	A. ACTUAL B. ESTIMATED C. TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0		0 0 0
	TOTAL ACTUAL TOTAL ESTIMATED	180,559 141,750	100,750 104,500	2,969 5,000	13,743 53,500	12,920 10,630	2,917 5,250	23,658 17,120	0		12,135 13,100	405,526 376,002	0 0	405,526 376,002
l	ESS: PRIOR YEAR AUDIT ADJ. ACTUAL ESTIMATED TOTAL											0		0
NE.	F PROGRAM COSTS	322,309	205,250	7,969	67,243	23,550	8,167	40,778	0	81,027	25,235	781,528	0	781,528

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

ACTUAL FOR MONTHS
ESTIMATED FOR MONTHS

January-14 July-14 THROUGH June-14 THROUGH December-14

		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. 5.	CUMULATIVE INVESTMENT LESS:ACCUMULATED DEPRECIATION														
6.	NET INVESTMENT					·								6.00 C 10 C	
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.140002-EG FLORIDA PUBLIC UTILITIES COMPANY (CDY-2) PAGE 7 OF 24

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

ACTUAL FOR MONTHS
ESTIMATED FOR MONTHS

January-14 July-14

THROUGH June-14 THROUGH December-14

_			ACTUAL				TOTAL ACTUAL			ESTI	MATED			TOTAL ESTIMATED	GRAND TOTAL
A. ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	AOTOAL -	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 Common	28,645	28,755	50,796	27,506	30,354	28,799	194,854	25,642	25,642	25,642	25,642	25,642	25,640	153,850	348,704
2 Residential Energy Survey Program	16,186	19,072	18,765	16,565	12,488	11,394	94,470	12,625	12,625	12,625	12,625	12,625	12,625	75,750	170,220
3 Commercial Energy Survey Program	4,040	2,062	12,760	7,667	5,716	6,171	38,416	4,250	4,250	4,250	4,250	4,250	4,250	25,500	63,916
4 Commercial Heating and Cooling Upgrade	0	694	812	0	300	505	2,311	1,333	1,333	1,333	1,333	1,333	1,335	8,000	10,311
5 Residential Heating and Cooling Upgrade	7,861	10,974	(2,474)	2,335	6,147	3,946	28,790	9,667	9,667	9,667	9,667	9,667	9,665	58,000	86,790
6 Commercial Indoor Efficient Lighting Rebate	0	0	57	0	1,659	1,987	3,703	683	683	683	683	683	685	4,100	7,803
7 Commercial Window Film Installation Program	0	0	57	0	300	469	826	350	350	350	350	350	350	2,100	2,926
8 Commercial Chiller Upgrade Program	0	0	0	414	1,261	469	2,144	683	683	683	683	683	685	4,100	6,244
9 Solar Water Heating Program	0	0	0	0	0	0	0	350	350	350	350	350	350	2,100	2,100
10 Solar Photovoltaic Program	0	0	40,013	0	0	0	40,013	833	833	833	833	833	837	5,002	45,015
11 Electric Conserv. Demonstration and Develop	0	0	0	0	0	0	0	6,250	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	U
Prior period audit adj.															
31. TOTAL ALL PROGRAMS	56,732	61,557	120,785	54,487	58,226	53,740	405,526	62,666	62,666	62,666	62,666	62,666	62,672	376,002	781,528
SI. TOTAL ALL PROGRAMO	00,102	01,001	720,700	- 1, 101	**,===	,,		,	,	-, -					
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES =	56,732	61,557	120,785	54,487	58,226	53,740	405,526	62,666	62,666	62,666	62,666	62,666	62,672	376,002	781,528

EXHIBIT NO. _ DOCKET NO.140002-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

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS January-14 July-14

THROUGH

June-14 THROUGH December-14

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. 1.	CONSERVATION REVENUES RCS AUDIT FEES a.													
2.	b. c. CONSERVATION ADJ REVENUE		(50.407)	(40.005)	(44.0.40)	(40,405)	(55.700)	(00.027)	(00.046)	(63,296)	(57,665)	(48,027)	(49,558)	(664,220)
	(NET OF REVENUE TAXES)	(57,222)	(59,127)	(49,395)	(41,942)	(49,105)	(55,730)	(66,837)	(66,316)	(03,290)	(37,003)	(46,027)	(45,330)	(004,220)
3.	TOTAL REVENUES PRIOR PERIOD TRUE-UPADJ	(57,222)	(59,127)	(49,395)	(41,942)	(49,105)	(55,730)	(66,837)	(66,316)	(63,296)	(57,665)	(48,027)	(49,558)	(664,220)
4.	NOT APPLICABLE TO PERIOD	(24,413)	(24,413)	(24,413)	(24,413)	(24,413)	(24,413)	(24,413)	(24,413)	(24,413)	(24,413)	(24,413)	(24,418)	(292,961)
5.	CONSERVATION REVENUES APPLICABLE TO PERIOD CONSERVATION EXPENSES	(81,635)	(83,540)	(73,808)	(66,355)	(73,518)	(80,143)	(91,250)	(90,729)	(87,709)	(82,078)	(72,440)	(73,976)	(957,181)
6.	(FORM C-3,PAGE 3)	56,732	61,557	120,785	54,487	58,226	53,740	62,666	62,666	62,666	62,666	62,666	62,672	781,528
7.	TRUE-UP THIS PERIOD	(24,903)	(21,983)	46,977	(11,868)	(15,292)	(26,403)	(28,584)	(28,063)	(25,043)	(19,412)	(9,774)	(11,304)	(175,653)
8.	INTEREST PROVISION THIS PERIOD (C-3.PAGE 5)	(10)	(12)	(12)	(10)	(8)	(9)	(10)	(10)	(10)	(10)	(10)	(9)	(120)
9.	TRUE-UP & INTEREST PROVISION	(292,961)	(293,461)	(291,043)	(219,665)	(207,130)	(198,017)	(200,017)	(204,198)		(208,498)		(188,878)	(292,961)
10.	PRIOR TRUE-UP REFUNDED (COLLECTED)	24,413	24,413	24,413	24,413	24,413	24,413	24,413	24,413	24,413_	24,413	24,413	24,418	292,961
	2013 Audit adj.													0
11.	END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)	(293,461)	(291,043)	(219,665)	(207,130)	(198,017)	(200,017)	(204,198)	(207,858)	(208,498)	(203,507)	(188,878)	(175,773)	(175,773)

EXHIBIT NO. _____ DOCKET NO.140002-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

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS January-14 July-14

THROUGH

June-14 THROUGH December-14

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C.	INTEREST PROVISION									- 10				
1.	BEGINNING TRUE-UP (LINE B-9) ENDING TRUE-UP BEFORE INTEREST	(292,961)	(293,461)	(291,043)	(219,665)	(207,130)	(198,017)	(200,017)	(204,198)	(207,858)	(208,498)	(203,507)	(188,878)	(175,773)
۷.	(LINE B7+B9+B10)	(293,451)	(291,031)	(219,653)	(207,120)	(198,009)	(200,008)	(204,188)	(207,848)	(208,488)	(203,497)	(188,868)	(175,764)	(175,653)
3.	TOTAL BEG. AND ENDING TRUE-UP	(586,412)	(584,491)	(510,696)	(426,785)	(405,139)	(398,025)	(404,204)	(412,045)	(416,345)	(411,994)	(392,374)	(364,641)	(351,425)
4. 5.	AVERAGE TRUE-UP (LINE C-3 X 50 %) INTEREST RATE-FIRST DAY OF	(293,206)	(292,246)	(255,348)	(213,392)	(202,570)	(199,012)	(202,102)	(206,023)	(208,173)	(205,997)	(196,187)	(182,321)	(175,713)
6	REPORTING BUSINESS MONTH INTEREST RATE-FIRST DAY OF	0.03%	0,05%	0.05%	0.06%	0.05%	0.05%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	
О.	SUBSEQUENT BUSINESS MONTH	0.05%	0.05%	0.06%	0.05%	0.05%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	
7.	TOTAL (LINE C-5 + C-6)	0.08%	0.10%	0.11%	0.11%	0.10%	0.11%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	
8.	AVG INTEREST RATE (C-7 X 50%)	0.04%	0.05%	0.06%	0.06%	0.05%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	
9.	MONTHLY AVERAGE INTEREST RATE	0.003%	0.004%	0.005%	0.005%	0.004%	0.005%	0.005%	0.005%	0.005%	0.005%	0.005%	0.005%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	(10)	(12)	(12)	(10)	(8)	(9)	(10)	(10)	(10)	(10)	(10)	(9)	(120)

EXHIBIT NO. DOCKET NO.140002-EG FLORIDA PUBLIC UTILITIES COMPANY (CDY-2) PAGE 10 OF 24

SCHEDULE C-4 PAGE 1 OF 1

FOR THE PERIOD January-14 THROUGH December-15

		KWH/THERM		
		SALES (000)	CONSERVATION ADJUSTMENT REVE	NUE
	MONTH	(NET OF 3RD PARTY)	(NET OF REVENUE TAXES)	RATE
2014	JANUARY	57,247	57,222	ACTUAL
	FEBRUARY	59,218	59,127	ACTUAL
	MARCH	49,460	49,395	ACTUAL
	APRIL	41,999	41,942	ACTUAL
	MAY	49,172	49,105	ACTUAL
	JUNE	55,787	55,730	ACTUAL
	JULY	66,697	66,837	0.100210
	AUGUST	66,178	66,316	0.100209
	SEPTEMBER	63,164	63,296	0.100209
	OCTOBER	57,545	57,665	0.100209
	NOVEMBER	47,927	48,027	0.100209
	DECEMBER	49,455	49,558	0.100208
	SUB-TOTAL	663,849	664,220	
2015	JANUARY	55,610	59,549	0.107085
	FEBRUARY	49,873	53,406	0.107085
	MARCH	46,747	50,059	0.107085
	APRIL	43,536	46,620	0.107085
	MAY	46,348	49,631	0.107085
	JUNE	56,295	60,284	0.107085
	JULY	66,426	71,132	0.107085
	AUGUST	65,505	70,146	0.107085
	SEPTEMBER	64,444	69,010	0.107085
	OCTOBER	55,309	59,227	0.107085
	NOVEMBER	44,438	47,587	0.107085
	DECEMBER	48,537_	51,976	0,107085
	SUB-TOTAL	643,066	688,627	
	TOTALS	1,306,915	1,352,847	

EXHIBIT NO. ______
DOCKET NO.140002-EG
FLORIDA PUBLIC UTILITIES COMPANY (CDY-2)
PAGE 11 OF 24

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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

EXHIBIT NO. _____ DOCKET NO. 140002-EG FLORIDA PUBLIC UTILITIES CO. (CDY-2) Page 12 of 24

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 apporoved 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 2015, the Company estimates that 250 residential surveys will be conducted. Fiscal expenditures for 2015 are projected to be \$151,500.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, 153 surveys were performed and actual expenditures were \$94,470. We estimate that another 100 surveys will be performed between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$170,220. For January 2014 through December 2014, 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.

EXHIBIT NO. ______ DOCKET NO. 140002-EG FLORIDA PUBLIC UTILITIES CO. (CDY-2) Page 13 of 24

SCHEDULE C-5 PAGE 3 OF 13

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that 50 commercial surveys will be conducted. Fiscal expenditures for 2015 are projected to be \$32,700.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, 19 surveys were performed and actual expenditures were \$38,416. We estimate that another 31 surveys will be performed between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$63,916. For January 2014 through December 2014, 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.

EXHIBIT NO. _____ DOCKET NO. 140002-EG FLORIDA PUBLIC UTILITIES CO. (CDY-2) Page 14 of 24

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that 50 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2015 are projected to be \$9,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, 11 Commercial Heating and Cooling allowances were paid and actual expenditures were \$2,311. We estimate that 39 Commercial Heating and Cooling allowances will be paid between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$10,311.

For January 2014 through December 2014, 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.

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FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that 300 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2015 are projected to be \$137,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, 166 Residential Heating and Cooling allowances were paid and actual expenditures were \$28,790. We estimate that another 120 Residential Heating and Cooling allowances will be paid between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$86,790.

For January 2014 through December 2014, 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.

EXHIBIT NO. _____ DOCKET NO. 140002-EG FLORIDA PUBLIC UTILITIES CO. (CDY-2) Page 16 of 24

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that 12 Commercial Indoor Efficient Lighting rebates will be paid. Fiscal expenditures for 2015 are projected to be \$4,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, no Commercial Indoor Efficient Lighting allowances were paid and actual expenditures were \$3,703. We estimate that 12 Commercial Indoor Efficient Lighting rebate will be paid between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$7,803.

For January 2014 through December 2014, 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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DOCKET NO. 140002-EG
FLORIDA PUBLIC UTILITIES CO. (CDY-2)
Page 17 of 24

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that 12 Commercial Window Film Installation rebates will be paid. Fiscal expenditures for 2015 are projected to be \$3,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, no Commercial Window Film Installation allowances were paid and actual expenditures were \$826. We estimate that 12 Commercial Window Film Installation rebates will be paid between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$2,926.

For January 2014 through December 2014, 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. 140002-EG FLORIDA PUBLIC UTILITIES CO. (CDY-2) Page 18 of 24

SCHEDULE C-5 PAGE 8 OF 13

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that 1 Commercial Chiller Upgrade rebate will be paid. Fiscal expenditures for 2015 are projected to be \$3,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, no Commercial Chiller Upgrade allowances were paid and actual expenditures were \$2,144. We estimate that 2 Commercial Chiller Upgrade rebates will be paid between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$6,244.

For January 2014 through December 2014, 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. 140002-EG FLORIDA PUBLIC UTILITIES CO. (CDY-2) Page 19 of 24

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

SCHEDULE C-5 PAGE 9 OF 13

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 2015, the Company estimates that 12 Solar Water Heating rebates will be paid. Fiscal expenditures for 2015 are projected to be \$2,200.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, no Solar Water Heating allowances were paid and actual expenditures were \$0. We estimate that another 12 Solar Water Heating rebates will be paid between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$2,100

For January 2014 through December 2014, 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. 140002-EG FLORIDA PUBLIC UTILITIES CO. (CDY-2) Page 20 of 24

FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that 8 Solar Photovoltaic rebates will be paid. Fiscal expenditures for 2015 are projected to be \$44,700.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014, 8 Solar Photovoltaic allowances were paid and actual expenditures were \$40,013. We estimate that 1 Solar Photovoltaic rebates will be paid between July 2014 and December 2014. For January 2014 through December 2014 the projected expenses are \$45.015.

For January 2014 through December 2014, 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 \$5,000. 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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FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, the Company estimates that they will engage in 2 CDD projects. Fiscal expenditures for 2015 are projected to be \$75,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014 actual expenditures were \$0. For January 2014 through December 2014 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.

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FLORIDA PUBLIC UTILITIES COMPANY CONSOLIDATED ELECTRIC DIVISION PROGRAM DESCRIPTION AND SUMMARY

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 2015, fiscal expenditures are projected to be \$0.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014 actual expenditures were \$0. For January 2014 through December 2014 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 2015, fiscal expenditures are projected to be \$0.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2014 through June 2014 actual expenditures were \$0. For January 2014 through December 2014 the projected expenses are \$0.