

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

May 1, 2017

**VIA E-PORTAL**

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

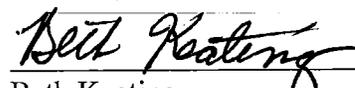
**Re: Docket No. 170002-EG – Energy Conservation Cost Recovery Clause**

Dear Ms. Stauffer:

Attached for electronic filing, please find Florida Public Utilities Company's Petition for Approval of Final True Up Amount, along with the Direct Testimony and Exhibit CDY-1 of Mr. Curtis Young.

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

Cc://Parties of Record

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Energy Conservation            )  
Cost Recovery Clause                 )  
\_\_\_\_\_                                  )

Docket No. 170002-EG  
Filed: May 1, 2017

**PETITION FOR APPROVAL OF CONSERVATION COST RECOVERY  
TRUE-UP AMOUNT FOR FLORIDA PUBLIC UTILITIES COMPANY**

Florida Public Utilities Company (“FPUC” or “the Company”) hereby files its petition for approval of the final conservation cost recovery true-up amount for its electric division related to the twelve month period ended December 31, 2016. In support of this Petition, FPUC states:

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

Florida Public Utilities Company  
1750 S. 14th Street, Suite 200  
Fernandina Beach, FL 32034

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

Mike Cassel  
Florida Public Utilities Company  
1750 S. 14th Street, Suite 200  
Fernandina Beach, FL 32034

Beth Keating  
Gunster, Yoakley & Stewart, P.A.  
215 South Monroe St., Suite 601  
Tallahassee, FL 32301

3. Pursuant to the requirements of this Docket, FPUC hereby files, concurrently with this Petition, the Testimony of Mr. Curtis D. Young, along with the pertinent conservation cost recovery true-up schedules (Composite Exhibit CDY-1) for the period, which consist of the reporting forms supplied by Commission Staff.

4. As indicated in Mr. Young’s testimony, the Company over-recovered \$65,614 for the period January through December 2016, as compared to its previously reported over-recovery of

of \$68,169, which was based on six months of actual data and six months of estimated data. The difference between the actual/estimated amount and the actual/end of period amount results in a final end of period true-up amount is an under-recovery of \$2,555.

WHEREFORE, the Company respectfully requests that the Commission enter an Order approving the Company's final true-up amount for its electric division for the period January 1, 2016 through December 31, 2016.

RESPECTFULLY SUBMITTED this 1st day of May, 2017.



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

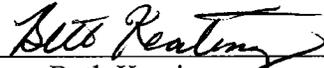
*Attorneys for Florida Public Utilities Company*

**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 1st day of May, 2017, along with the referenced Testimony and Exhibit of Mr. Young:

<p>Mike Cassel                  Florida Public Utilities Company                  1750 S. 14th Street, Suite 200                  Fernandina Beach, FL 32034</p>	<p>Jon C. Moyle, Jr., Esq.                  Moyle Law Firm                  118 North Gadsden St.                  Tallahassee, FL 32301</p>
<p>Kelley Corbari                  Florida Public Service Commission                  2540 Shumard Oak Boulevard                  Tallahassee, FL 32399</p>	<p>Office of Public Counsel                  J.R. Kelly/Charles Rehwinkel/Patricia                  Christensen, Esq.                  c/o The Florida Legislature                  111 West Madison Street, Room 812                  Tallahassee, FL 32399-1400</p>
<p>Paula K. Brown                  Tampa Electric Company                  P.O. Box 111                  Tampa, FL 33601-0111</p>	<p>Dianne M. Triplett, Esq.                  Duke Energy, Inc.                  P.O. Box 14042                  St. Petersburg, FL 33733-4042</p>
<p>Matthew Bernier, Esq.                  Duke Energy, Inc.                  106 E. College Ave., Suite 800                  Tallahassee, FL 32301</p>	<p>James D. Beasley, Esq.                  J. Jeffrey Wahlen, Esq.                  Ashley Daniels, Esq.                  Ausley &amp; McMullen                  P.O. Box 391                  Tallahassee, FL 32302</p>
<p>Jeffrey A. Stone, Esq.                  Russell A. Badders, Esq.                  Steve R. Griffin, Esq.                  Beggs &amp; Lane                  P.O. Box 12950                  Pensacola, FL 32591-2950</p>	<p>Kenneth Rubin, Esq.                  John Butler, Esq.                  Maria Moncada, Esq.                  Florida Power &amp; Light Company                  700 Universe Boulevard                  Juno Beach, FL 33408-0420</p>
<p>Mr. Ken Hoffman, Esq.                  215 South Monroe Street, Suite 810                  Tallahassee, FL 32301-1858</p>	<p>Robert Scheffel Wright, Esq.                  John T. LaVia, Esq.                  c/o Gardner Law Firm                  1300 Thomaswood Drive                  Tallahassee, FL 32308</p>

Robert L. McGee Gulf Power Company One Energy Place Pensacola, FL 32520-0780	James W. Brew/Laura A. Wynn c/o Stone Law Firm 1025 Thomas Jefferson St., NW, Eighth Washington DC20007-5201
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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

DOCKET NO. 170002-EG:  
ENERGY CONSERVATION COST RECOVERY CLAUSE

Direct Testimony (Final True Up) of  
CURTIS D. YOUNG

On Behalf of Florida Public Utilities Company

1 Q. Please state your name and business address.

2 A. Curtis D. Young: my business address is 1641 Worthington Road, Suite 220 West  
3 Palm Beach, Florida 33409.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by Florida Public Utilities Company as a Senior Regulatory  
6 Analyst.

7 Q. What is the purpose of your testimony at this time?

8 A. To advise the Commission of the actual over/under recovery of the Conservation  
9 Program costs for the period January 1, 2016 through December 31, 2016 as  
10 compared to the true-up amounts previously reported for that period which were  
11 based on six months actual and six months estimated data.

12 Q. Please state the actual amount of over/under recovery of Conservation Program  
13 costs for the Consolidated Electric Divisions of Florida Public Utilities Company  
14 for January 1, 2016 through December 31, 2016.

15 A. The Company over-recovered \$65,614 during that period. This amount is  
16 substantiated on Schedule CT-3, page 2 of 3, Energy Conservation Adjustment.

17 Q. How does this amount compare with the estimated true-up amount which was  
18 allowed by the Commission during the November 2016 hearing?

1 A. The cost recovery factors approved by the Commission in Docket No. 160002-EG  
2 were based upon an anticipated over-recovery of \$68,169 as of December 31,  
3 2016.

4 Q. Have you prepared any exhibits at this time?

5 A. We have prepared and pre-filled Schedules CT-1, CT-2, CT-3, CT-4, CT-5 and  
6 CT-6 (Composite Exhibit CDY-1).

7 Q. Does this conclude your testimony?

8 A. Yes.

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-1

CONSERVATION ADJUSTMENT TRUE-UP

PAGE 1 OF 1

FOR MONTHS January-16 THROUGH December-16

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-16 THROUGH December-16		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>(65,698)</u>	
5.	INTEREST	<u>84</u>	<u>(65,614)</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-16 (DATE) HEARINGS		
8.	PRINCIPAL	<u>(68,275)</u>	
9.	INTEREST	<u>106</u>	<u>(68,169)</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>2,555</u></u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 170002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 1 OF 20

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

	FOR MONTHS	January-16	THROUGH	December-16	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	378,401		341,584	36,817
2.	ADVERTISING	90,449		89,915	534
3.	LEGAL	9,832		11,919	(2,087)
4.	OUTSIDE SERVICES/CONTRACT	31,463		64,138	(32,675)
5.	VEHICLE COST	13,930		25,041	(11,111)
6.	MATERIAL & SUPPLIES	7,049		12,171	(5,122)
7.	TRAVEL	53,005		43,905	9,100
8.	GENERAL & ADMIN	0		0	0
9.	INCENTIVES	69,211		70,834	(1,623)
10.	OTHER	34,250		27,169	7,081
11.	SUB-TOTAL	687,590		686,676	914
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	687,590		686,676	914
14.	LESS: PRIOR PERIOD TRUE-UP	117,309		117,309	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(870,597)		(872,260)	1,663
17.					
18.	TRUE-UP BEFORE INTEREST	(65,698)		(68,275)	2,577
19.	ADD INTEREST PROVISION	84		106	(22)
20.	END OF PERIOD TRUE-UP	(65,614)		(68,169)	2,555

() REFLECTS OVERRECOVERY

\* 6 MONTHS ACTUAL AND 6 MONTHS PROJECTED

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 170002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 2 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-16 THROUGH December-16

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. Common	262,436	38,215	9,832	10,927	6,218	4,734	31,883	0	0	23,143	387,388	0	387,388
2. Residential Energy Survey	63,095	7,646	0	20,536	3,988	1,228	11,200	0	0	9,939	117,632	0	117,632
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0		0
5. Low Income Education	993	0	0	0	42	15	139	0	0	19	1,207		1,207
6. Commercial Heating & Cooling Upgrade	0	13,542	0	0	0	0	0	0	508	0	14,050		14,050
7. Residential Heating & Cooling Upgrade	2,576	7,166	0	0	213	71	566	0	29,078	101	39,772		39,772
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	35,731	0	35,731		35,731
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0		0
10. Commercial Chiller Upgrade Program	8,266	12,046	0	0	490	126	1,367	0	422	76	22,792		22,792
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0		0
12. Solar Photovoltaic Program	285	0	0	0	24	14	94	0	0	6	422		422
13. Electric Conservation Demonstration and Development	4,940	0	0	0	266	45	1,130	0	0	15	6,398		6,398
14. Commercial Reflective Roof	3,826	11,598	0	0	226	47	692	0	3,473	58	19,921		19,921
15. Commercial Energy Consultant	31,985	235	0	0	2,462	768	5,933	0	0	893	42,277		42,277
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
TOTAL ALL PROGRAMS	378,401	90,449	9,832	31,463	13,930	7,049	53,005	0	69,211	34,250	687,590	0	687,590

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

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

FOR MONTHS January-16 THROUGH December-16

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. Common	23,368	8,848	(2,087)	(16,961)	(9,218)	(2,752)	3,498	0	0	2,893	7,589		7,589
2. Residential Energy Survey	3,463	(4,682)	0	20,536	(1,708)	(1,918)	2,877	0	0	4,259	22,827		22,827
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0		0
5. Low Income Education	(2,186)	(3,750)	0	0	(481)	(495)	(187)	0	0	(40)	(7,140)		(7,140)
6. Commercial Heating & Cooling Upgrade	(500)	5,078	0	0	0	(50)	(50)	0	(625)	(50)	3,803		3,803
7. Residential Heating & Cooling Upgrade	(1,505)	(7,641)	0	0	(195)	(32)	(93)	0	(1,892)	(25)	(11,382)		(11,382)
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	(0)	0	(0)		(0)
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0		0
10. Commercial Chiller Upgrade Program	5,286	5,078	0	0	281	13	783	0	(78)	(27)	11,335		11,335
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0		0
12. Solar Photovoltaic Program	(0)	0	0	0	(0)	(0)	0	0	0	(0)	(1)		(1)
13. Electric Conservation Demonstration and Development	1,752	0	0	(36,250)	150	15	701	0	0	0	(33,630)		(33,630)
14. Commercial Reflective Roof	(342)	78	0	0	(139)	(27)	125	0	973	(37)	632		632
15. Commercial Energy Consultant	7,482	(2,476)	0	0	198	123	1,445	0	0	109	6,881		6,881
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
<b>TOTAL ALL PROGRAMS</b>	<b>36,817</b>	<b>534</b>	<b>(2,087)</b>	<b>(32,675)</b>	<b>(11,111)</b>	<b>(5,122)</b>	<b>9,100</b>	<b>0</b>	<b>(1,623)</b>	<b>7,081</b>	<b>914</b>	<b>0</b>	<b>914</b>

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3  
PAGE 1 OF 3

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

FOR MONTHS January-16 THROUGH December-16

A. CONSERVATION EXPENSE  
BY PROGRAM

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Common	22,520	25,754	48,082	31,124	25,401	31,917	33,766	36,743	29,862	28,139	24,534	48,977	386,818
2. Residential Energy Survey	8,302	2,832	16,540	7,445	3,607	4,829	9,749	11,210	26,962	9,486	7,886	9,354	118,202
3. Loan Program (discontinued but remains open)	-	-	-	-	-	-	-	-	-	-	-	-	0
4. Commercial Energy Survey	-	-	-	-	-	-	-	-	-	-	-	-	0
5. Low Income Education	447	-	-	-	350	-	410	-	-	-	-	-	1,207
6. Commercial Heating & Cooling Upgrade	1,298	712	1,245	1,022	1,100	2,219	1,903	1,278	1,207	902	582	582	14,050
7. Residential Heating & Cooling Upgrade	1,933	3,962	2,429	5,092	4,209	5,429	2,059	4,502	1,154	4,534	4,169	300	39,772
8. Commercial Indoor Efficient Lighting Rebate	-	-	35,731	-	-	-	-	-	-	-	-	-	35,731
9. Commercial Window Film Installation Program	-	-	-	-	-	-	-	-	-	-	-	-	0
10. Commercial Chiller Upgrade Program	1,745	582	1,063	2,404	2,284	929	1,903	3,225	1,207	1,812	2,247	3,392	22,792
11. Solar Water Heating Program	-	-	-	-	-	-	-	-	-	-	-	-	0
12. Solar Photovoltaic Program	-	-	-	422	-	-	-	-	-	-	-	-	422
13. Electric Conservation Demonstration and Development	-	-	1,685	844	-	-	-	-	-	3,869	-	-	6,398
14. Commercial Reflective Roof	1,261	582	652	1,398	2,617	929	1,903	2,303	1,207	2,433	582	4,055	19,921
15. Commercial Energy Consultant	4,129	3,512	3,181	2,996	3,766	10,461	5,257	860	1,936	218	3,068	2,892	42,277
16.													0
17.													0
18.													0
19.													0
20.													0
21.													0
22.													0
21. TOTAL ALL PROGRAMS	41,634	37,937	110,609	52,748	43,334	56,714	56,949	60,121	63,534	51,393	43,067	69,551	687,590
22. LESS AMOUNT INCLUDED IN RATE BASE													
23. RECOVERABLE CONSERVATION EXPENSES	41,634	37,937	110,609	52,748	43,334	56,714	56,949	60,121	63,534	51,393	43,067	69,551	687,590

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 170002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
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COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3  
PAGE 2 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-16 THROUGH December-16

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION	(72,051)	(69,687)	(60,812)	(58,215)	(61,216)	(83,164)	(86,842)	(89,752)	(90,086)	(79,848)	(61,190)	(57,734)	(870,597)
2. CONSERVATION ADJ. REVENUES													0
3. TOTAL REVENUES	(72,051)	(69,687)	(60,812)	(58,215)	(61,216)	(83,164)	(86,842)	(89,752)	(90,086)	(79,848)	(61,190)	(57,734)	(870,597)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,773	117,309
5. CONSERVATION REVENUE APPLICABLE	(62,275)	(59,911)	(51,036)	(48,439)	(51,440)	(73,388)	(77,066)	(79,976)	(80,310)	(70,072)	(51,414)	(47,961)	(753,288)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	41,634	37,937	110,609	52,748	43,334	56,714	56,949	60,121	63,534	51,393	43,067	69,551	687,590
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(20,641)	(21,974)	59,573	4,309	(8,106)	(16,674)	(20,117)	(19,855)	(16,776)	(18,680)	(8,347)	21,590	(65,698)
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	29	20	22	29	28	21	12	3	(6)	(15)	(26)	(33)	84
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	117,309	86,921	55,191	105,010	99,572	81,718	55,289	25,407	(4,220)	(30,779)	(59,249)	(77,398)	117,309
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,773)	(117,309)
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	86,921	55,191	105,010	99,572	81,718	55,289	25,407	(4,220)	(30,779)	(59,249)	(77,398)	(65,614)	(65,614)

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 170002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 6 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-16 THROUGH December-16

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	117,309	86,921	55,191	105,010	99,572	81,718	55,289	25,407	(4,220)	(30,779)	(59,249)	(77,398)	117,309
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	86,892	55,171	104,988	99,543	81,690	55,268	25,395	(4,223)	(30,773)	(59,234)	(77,372)	(65,581)	(65,698)
3.	TOTAL BEG. AND ENDING TRUE-UP	204,201	142,092	160,179	204,553	181,261	136,985	80,684	21,184	(34,993)	(90,013)	(136,622)	(142,979)	51,611
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	102,100	71,046	80,089	102,276	90,631	68,493	40,342	10,592	(17,497)	(45,006)	(68,311)	(71,490)	25,806
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.34%	0.34%	0.35%	0.32%	0.36%	0.38%	0.36%	0.35%	0.43%	0.39%	0.43%	0.47%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.34%	0.35%	0.32%	0.36%	0.38%	0.36%	0.35%	0.43%	0.39%	0.43%	0.47%	0.63%	
7.	TOTAL (LINE C-5 + C-6)	0.68%	0.69%	0.67%	0.68%	0.74%	0.74%	0.71%	0.78%	0.82%	0.82%	0.90%	1.10%	
8.	AVG. INTEREST RATE (C-7 X 50%)	0.34%	0.35%	0.34%	0.34%	0.37%	0.37%	0.36%	0.39%	0.41%	0.41%	0.45%	0.55%	
9.	MONTHLY AVERAGE INTEREST RATE	0.028%	0.029%	0.028%	0.028%	0.031%	0.031%	0.030%	0.033%	0.034%	0.034%	0.038%	0.046%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	29	20	22	29	28	21	12	3	(6)	(15)	(26)	(33)	84

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

FOR MONTHS January-14 THROUGH December-14

SCHEDULE CT-4  
PAGE 1 OF 1

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 INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. RETURN REQUIREMENTS														
10. TOTAL DEPRECIATION AND RETURN														NONE

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 170002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 8 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-5  
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF  
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS January-14 THROUGH December-14

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 170002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 9 OF 20

1. Residential Energy Survey Program
2. Educational/Low Income Program
3. Commercial Heating & Cooling Upgrade Program
4. Residential Heating & Cooling Upgrade Program
5. Commercial Indoor Efficient Lighting Rebate Program
6. Commercial Chiller Upgrade Program
7. Solar Photovoltaic Program
8. Conservation Demonstration and Development Program
9. Commercial Reflective Roof Program
10. Commercial Energy Consultation Program

**PROGRAM TITLE:** Residential Energy Survey Program

**PROGRAM DESCRIPTION:** The Residential Energy Survey Program is provided at no cost to the customer and provides participating customers with information they need to determine which energy saving measures are best suited to their individual needs and requirements. The objective of this type of survey is to provide Florida Public Utilities Company's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower Florida Public Utilities Company's energy requirements and improve operating efficiencies. Florida Public Utilities Company views this program as a way of promoting the installation of cost-effective conservation measures. During the survey process, the customer is provided with specific whole-house recommendations.

**PROGRAM ACCOMPLISHMENTS:** This year a total of 280 residential energy surveys were performed.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$117,632**.

**PROGRAM PROGRESS SUMMARY:** We feel confident that through our efforts to promote this program through print, radio, television, events and social media we will continue to provide valuable advice to our customers on the topics of energy conservation and energy efficiency measures and practices.

PROGRAM TITLE: Educational/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 ACCOMPLISHMENTS: Even though there are no goals for this program we continue to work through various agencies to provide home energy surveys to low income customers as well as evaluating homes for local agencies for possible energy efficiency improvements.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$1,207**.

PROGRAM PROGRESS SUMMARY: The Company continues to promote the opportunity to educate low-income customers on the benefits of an energy efficient home and anticipates increased participation in this program in 2017.

PROGRAM TITLE: Commercial Heating & Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION: The Commercial Heating & Cooling Efficiency Upgrade Program is directed at reducing the rate of growth in peak demand as well as reducing energy consumption throughout Florida Public Utilities Company's commercial sector. The program will do this by increasing the saturation of high-efficiency heat pumps and central air conditioning systems.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 4 customers participated in the Commercial Heating & Cooling Efficiency Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$14,050**.

PROGRAM PROGRESS SUMMARY: Even though there was low participation in this program, we will continue our efforts to promote this program to our commercial customers.

PROGRAM TITLE: Residential Heating & Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION: The Residential Heating & Cooling Efficiency Upgrade 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 and central air-conditioning systems.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 226 customers participated in the residential heating and cooling efficiency upgrade program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$39,772**.

PROGRAM PROGRESS SUMMARY: This program has continued to be successful over the years and we are optimistic that our residential customers will continue to find value in this program.

PROGRAM TITLE: Commercial Indoor Efficient Lighting Rebate Program

PROGRAM DESCRIPTION: The Commercial Indoor Efficient Lighting Rebate Program was directed at reducing peak demand and energy consumption by decreasing the load presented by commercial lighting equipment. To serve this purpose, this program required that commercial customers achieve at least 1,000 watts of lighting reduction by either replacing ballasts and lamps, qualifying for a \$.010 per watt reduced incentive or by replacing lamps only for an incentive of \$.025 per watt reduced (maximum \$100 rebate).

PROGRAM ACCOMPLISHMENTS: This program is no longer offered by the Company, however, the Company paid for a lighting installation in the first quarter of 2016. This lighting installation was approved by the Company in 2015 before the program ended, however, the installation was not completed and inspected until 2016.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$35,731**.

PROGRAM PROGRESS SUMMARY: This program was not included in the Company's 2015 Demand Side Management Plan and was discontinued in September of 2015.

PROGRAM TITLE: Commercial Chiller Upgrade Program

PROGRAM DESCRIPTION: The Commercial Chiller Upgrade 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 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.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 1 customer participated in the Commercial Chiller Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$22,792**.

PROGRAM PROGRESS SUMMARY: The Company continues to work with commercial customers to promote this program and is optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Solar Photovoltaic Program

PROGRAM DESCRIPTION: The primary purpose of the Solar Water Heating Program was to encourage the installation of solar photovoltaic systems and reduce the consumption of fossil fuels used to generate electricity. Florida Public Utilities Company will provided an incentive of \$2.00 per watt of dc solar PV installed, up to a maximum of \$5000. Excess generation from the solar PV installation was purchased by Florida Public Utilities Company under the terms of the Northwest Florida Division Rate Schedule REN-1 or the Northeast Florida Division Rate Schedule REN-1.

PROGRAM ACCOMPLISHMENTS: This program is no longer offered by the Company, however, the Company did incur some program-related expenses in 2016 during follow-up on the 2015 installations.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$422**.

PROGRAM PROGRESS SUMMARY: This program was very successful, however, this program ended on December 31<sup>st</sup>, 2015.

**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 ACCOMPLISHMENTS:** In 2016, the Company began researching the viability of using battery storage technology to improve customer's electric system reliability and resiliency.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$6,398**.

**PROGRAM PROGRESS SUMMARY:** The Company continues to pursue research, demonstration and development projects, under this program, to promote energy efficiency and conservation.

**PROGRAM TITLE:** Commercial Reflective Roof Program

**PROGRAM DESCRIPTION:** The Commercial Reflective Roof Program is directed at reducing demand and energy throughout FPUC's commercial sector through the installation of cool roofs. The program allows non-residential customers installing cool roofs to obtain rebates of \$0.075 per sq.ft. for new roofs on new or existing facilities and \$0.325 per sq.ft. for roofs converting to a cool roof. To be eligible for the rebates, the roofing material must be Energy Star certified. The program is focused on getting contractors in FPUC's service territory to promote the cool roofs.

**PROGRAM ACCOMPLISHMENTS:** For the reporting period, there were 17 participants in this program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$19,921**.

**PROGRAM PROGRESS SUMMARY:** The Company continues to work with commercial customers to promote this program and is optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Commercial Energy Consultation Program

PROGRAM DESCRIPTION: The FPUC Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial Demand Side Management (DSM) programs to commercial customers. This program allows FPUC energy conservation representatives to conduct commercial site visits to educate customers about FPUC's commercial DSM programs, assess the potential for applicable DSM programs, conduct an electric bill review, offer commercial energy savings suggestions and inform the customer about FPUC's commercial online energy efficient resources and tools.

PROGRAM ACCOMPLISHMENTS: For the reporting period, there were 67 participants in this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$42,277**

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program, we believe that this will continue to be a valuable program for our commercial customers.