

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

May 2, 2016

VIA E-PORTAL

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

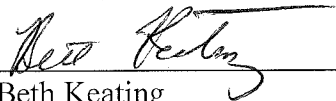
Re: Docket No. 160002-EG – Energy Conservation Cost Recovery Clause

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. 160002-EG
Filed: May 2, 2016

**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, 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
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.

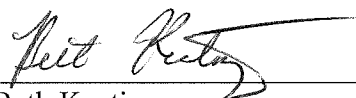
4. As indicated in Mr. Young’s testimony, the Company under-recovered \$117,309 for the period January through December 2015, as compared to its previously reported under-recovery

Docket No. 160002-EG

of \$203,237, 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 is a final end of period true-up amount is an over-recovery of \$85,928.

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, 2015 through December 31, 2015.

RESPECTFULLY SUBMITTED this 2nd day of May, 2016.



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 2nd day of May, 2016, 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>Theresa L. Tan, Esq. 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. Jeffry Wahlen, Esq. Ashley Daniels, Esq. Ausley & McMullen P.O. Box 391 Tallahassee, FL 32302</p>
<p>Jeffrey A. Stone, Esq. Russell A. Badders, Esq. Steve R. Griffin, Esq. Beggs & Lane P.O. Box 12950 Pensacola, FL 32591-2950</p>	<p>Kenneth Rubin, Esq. John Butler, Esq. Maria Moncada, Esq. Florida Power & 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>

<p>Robert L. McGee Gulf Power Company One Energy Place Pensacola, FL 32520-0780</p>	<p>James W. Brew/Laura A. Wynn c/o Stone Law Firm 1025 Thomas Jefferson St., NW, Eighth Washington DC20007-5201</p>
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Beth Keating
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215 South Monroe St., Suite 601
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(850) 521-1706

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 160002-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. My name is Curtis D. Young. My business address is 1641 Worthington Road,
3 Suite 220 West 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. Can you please provide a brief overview of your educational and**
8 **employment background?**

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

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

17 A. To advise the Commission of the actual over/under recovery of the Conservation
18 Program costs for the period January 1, 2015 through December 31, 2015 as

1 compared to the true-up amounts previously reported for that period which were
2 based on six months of actual and six months of estimated data.

3 **Q. Please state the actual amount of over/under recovery of Conservation**
4 **Program costs for the Consolidated Electric Divisions of Florida Public**
5 **Utilities Company for January 1, 2015 through December 31, 2015.**

6 A. The Company under-recovered \$117,309 during that period. This amount is
7 substantiated on Schedule CT-3, page 2 of 3, Energy Conservation Adjustment.

8 **Q. How does this amount compare with the estimated true-up amount which**
9 **was allowed by the Commission during the November 2015 hearing?**

10 A. The cost recovery factors approved by the Commission in Docket No. 150002-
11 EG were based upon an anticipated under-recovery of \$203,237 as of December
12 31, 2015.

13 **Q. Have you prepared any exhibits at this time?**

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

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

17 A. Yes.

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-1

CONSERVATION ADJUSTMENT TRUE-UP

PAGE 1 OF 1

FOR MONTHS January-15 THROUGH December-15

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-15 THROUGH December-15		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>117,192</u>	
5.	INTEREST	<u>117</u>	<u>117,309</u>
6.	LESS PROJECTED TRUE-UP		
7.	October-14 (DATE) HEARINGS		
8.	PRINCIPAL	<u>203,120</u>	
9.	INTEREST	<u>117</u>	<u>203,237</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>(85,928)</u></u>

EXHIBIT NO. _____
DOCKET NO. 160002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 1 OF 23

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS PROJECTED

	FOR MONTHS	January-15	THROUGH	December-15	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	346,743		330,786	15,957
2.	ADVERTISING	41,609		126,244	(84,635)
3.	LEGAL	22,967		17,167	5,800
4.	OUTSIDE SERVICES/CONTRACT	112,511		138,476	(25,965)
5.	VEHICLE COST	21,030		22,719	(1,689)
6.	MATERIAL & SUPPLIES	7,262		8,578	(1,316)
7.	TRAVEL	40,837		42,260	(1,423)
8.	GENERAL & ADMIN	0		0	0
9.	INCENTIVES	86,070		100,485	(14,415)
10.	OTHER	39,586		29,371	10,215
11.	SUB-TOTAL	718,616		816,086	(97,470)
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	718,616		816,086	(97,470)
14.	LESS: PRIOR PERIOD TRUE-UP	80,307		80,307	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(681,730)		(693,273)	11,543
17.					
18.	TRUE-UP BEFORE INTEREST	117,192		203,120	(85,928)
19.	ADD INTEREST PROVISION	117		117	0
20.	END OF PERIOD TRUE-UP	117,309		203,237	(85,928)

() REFLECTS OVERRECOVERY

* 6 MONTHS ACTUAL AND 6 MONTHS PROJECTED

ACTUAL 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	256,186	10,846	22,967	99,167	11,883	5,906	31,059	0	0	23,761	461,774		461,774
2. Residential Energy Survey	66,430	14,675	0	0	6,447	1,132	7,289	0	0	15,273	111,245		111,245
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	11,259	5,585	0	0	1,260	104	1,098	0	0	248	19,554		19,554
5. Low Income Education											0		0
6. Commercial Heating & Cooling Upgrade	0	466	0	0	0	0	0	0	277	0	743		743
7. Residential Heating & Cooling Upgrade	2,982	10,016	0	0	245	47	404	0	45,643	60	59,397		59,397
8. Commercial Indoor Efficient Lighting Rebate	5,795	7	0	0	583	61	698	0	0	145	7,288		7,288
9. Commercial Window Film Installation Program	0	7	0	0	0	0	0	0	137	0	144		144
10. Commercial Chiller Upgrade Program	283	7	0	0	34	4	49	0	0	7	384		384
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	40,013	0	40,013		40,013
13. Electric Conservation Demonstration and Development	716	0	0	13,344	63	1	55	0	0	11	14,191		14,191
14. Commercial Reflective Roof	1,621	0	0	0	265	4	99	0	0	42	2,030		2,030
15. Commercial Energy Consultant	1,470	0	0	0	252	4	87	0	0	39	1,852		1,852
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
TOTAL ALL PROGRAMS	346,743	41,609	22,967	112,511	21,030	7,262	40,837	0	86,070	39,586	718,616	0	718,616

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

FOR MONTHS January-15 THROUGH December-15

PROGRAM NAME	LABOR & ADVERTISING		LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & INCENTIVES			SUB TOTAL	PROGRAM REVENUES	TOTAL
	PAYROLL							ADMIN.	INCENTIVES	OTHER			
1. Common	5,957	1,556	5,800	10,035	(2,835)	(996)	(887)	0	(250)	9,421	27,800		27,800
2. Residential Energy Survey	7,488	(29,999)	0	0	549	(288)	(364)	0	0	991	(21,624)		(21,624)
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	2,709	(8,250)	0	0	335	(73)	178	0	0	(106)	(5,207)		(5,207)
5. Low Income Education	0	0	0	0	0	0	0	0	0	0	0		0
6. Commercial Heating & Cooling Upgrade	(1,000)	(541)	0	0	(50)	0	(48)	0	(2,323)	0	(3,962)		(3,962)
7. Residential Heating & Cooling Upgrade	(470)	(45,401)	0	0	(75)	25	(247)	0	12,123	(214)	(34,259)		(34,259)
8. Commercial Indoor Efficient Lighting Rebate	465	(500)	0	0	135	8	25	0	(1,000)	31	(837)		(837)
9. Commercial Window Film Installation Program	(500)	(500)	0	0	(48)	0	(50)	0	(465)	0	(1,563)		(1,563)
10. Commercial Chiller Upgrade Program	(500)	(500)	0	0	(48)	(0)	(50)	0	(500)	(0)	(1,598)		(1,598)
11. Solar Water Heating Program	(250)	(250)	0	0	(50)	0	(50)	0	(500)	0	(1,100)		(1,100)
12. Solar Photovoltaic Program	(500)	(250)	0	0	(50)	0	(50)	0	(21,500)	0	(22,350)		(22,350)
13. Electric Conservation Demonstration and Development	(534)	0	0	(36,000)	(67)	1	(65)	0	0	11	(36,653)		(36,653)
14. Commercial Reflective Roof	1,621	0	0	0	265	4	99	0	0	42	2,030		2,030
15. Commercial Energy Consultant	1,470	0	0	0	252	4	87	0	0	39	1,852		1,852
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
TOTAL ALL PROGRAMS	15,957	(84,635)	5,800	(25,965)	(1,689)	(1,316)	(1,423)	0	(14,415)	10,215	(97,470)	0	(97,470)

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

FOR MONTHS January-15 THROUGH December-15

A. CONSERVATION EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Common	28,634	27,554	29,838	80,401	89,671	(22,876)	37,236	41,065	49,970	30,191	32,581	37,511	461,774
2. Residential Energy Survey	9,073	10,867	13,266	13,542	4,445	5,927	7,362	13,548	10,623	8,216	8,277	6,100	111,245
3. Loan Program (discontinued but remains open)													0
4. Commercial Energy Survey	1,434	1,084	2,830	1,123	599	1,341	1,051	809	416	3,770	3,409	1,688	19,554
5. Low Income Education													0
6. Commercial Heating & Cooling Upgrade	(1)	8	-	100	-	-	-	-	219	-	240	177	743
7. Residential Heating & Cooling Upgrade	3,090	3,062	46,678	(37,735)	3,555	6,507	3,710	3,355	14,485	5,807	775	6,110	59,397
8. Commercial Indoor Efficient Lighting Rebate	721	8	-	764	3,402	1,130	420	-	-	-	-	844	7,288
9. Commercial Window Film Installation Program	(1)	8	-	102	-	-	35	-	-	-	-	-	144
10. Commercial Chiller Upgrade Program	(1)	8	-	-	-	377	-	-	-	-	-	-	384
11. Solar Water Heating Program	-	-	-	-	-	-	-	-	-	-	-	-	0
12. Solar Photovoltaic Program	-	-	600	39,413	-	-	-	-	-	-	-	-	40,013
13. Electric Conservation Demonstration and Development	-	-	8,896	4,448	-	-	-	-	-	-	847	-	14,191
14. Commercial Reflective Roof	-	-	-	-	-	-	-	-	-	-	1,024	1,006	2,030
15. Commercial Energy Consultant	-	-	-	-	-	-	-	-	-	-	847	1,006	1,852
16.													0
17.													0
18.													0
19.													0
20.													0
21.													0
22.													0
21. TOTAL ALL PROGRAMS	42,950	42,599	102,108	102,157	101,671	(7,596)	49,813	58,777	75,712	47,984	47,999	54,442	718,616
22. LESS AMOUNT INCLUDED IN RATE BASE													
23. RECOVERABLE CONSERVATION EXPENSES	42,950	42,599	102,108	102,157	101,671	(7,596)	49,813	58,777	75,712	47,984	47,999	54,442	718,616

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-15 THROUGH December-15

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION	(57,378)	(58,806)	(53,504)	(46,987)	(48,322)	(59,199)	(72,092)	(72,399)	(65,454)	(50,212)	(47,841)	(49,536)	(681,730)
2. CONSERVATION ADJ. REVENUES													0
3. TOTAL REVENUES	(57,378)	(58,806)	(53,504)	(46,987)	(48,322)	(59,199)	(72,092)	(72,399)	(65,454)	(50,212)	(47,841)	(49,536)	(681,730)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,695	80,307
5. CONSERVATION REVENUE APPLICABLE	(50,686)	(52,114)	(46,812)	(40,295)	(41,630)	(52,507)	(65,400)	(65,707)	(58,762)	(43,520)	(41,149)	(42,841)	(601,423)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	42,950	42,599	102,108	102,157	101,671	(7,596)	49,813	58,777	75,712	47,984	47,999	54,442	718,616
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(7,736)	(9,515)	55,297	61,862	60,041	(60,103)	(15,587)	(6,931)	16,950	4,464	6,850	11,601	117,192
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	5	4	4	7	13	13	9	8	10	10	11	23	117
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	80,307	65,884	49,681	98,290	153,467	206,829	140,047	117,776	104,162	114,429	112,211	112,380	80,307
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,695)	(80,307)
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	65,884	49,681	98,290	153,467	206,829	140,047	117,776	104,162	114,429	112,211	112,380	117,309	117,309

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-15 THROUGH December-15

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	80,307	65,884	49,681	98,290	153,467	206,829	140,047	117,776	104,162	114,429	112,211	112,380	80,307
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	65,879	49,677	98,286	153,460	206,816	140,034	117,767	104,154	114,419	112,201	112,369	117,286	117,192
3.	TOTAL BEG. AND ENDING TRUE-UP	146,186	115,561	147,966	251,750	360,283	346,862	257,814	221,930	218,581	226,631	224,580	229,666	197,499
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	73,093	57,780	73,983	125,875	180,141	173,431	128,907	110,965	109,291	113,315	112,290	114,833	98,750
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.08%	0.09%	0.08%	0.06%	0.08%	0.09%	0.09%	0.08%	0.10%	0.12%	0.09%	0.15%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.09%	0.08%	0.06%	0.08%	0.09%	0.09%	0.08%	0.10%	0.12%	0.09%	0.15%	0.34%	
7.	TOTAL (LINE C-5 + C-6)	0.17%	0.17%	0.14%	0.14%	0.17%	0.18%	0.17%	0.18%	0.22%	0.21%	0.24%	0.49%	
8.	AVG. INTEREST RATE (C-7 X 50%)	0.09%	0.09%	0.07%	0.07%	0.09%	0.09%	0.09%	0.09%	0.11%	0.11%	0.12%	0.25%	
9.	MONTHLY AVERAGE INTEREST RATE	0.007%	0.007%	0.006%	0.006%	0.007%	0.008%	0.007%	0.008%	0.009%	0.009%	0.010%	0.020%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	5	4	4	7	13	13	9	8	10	10	11	23	117

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-4
PAGE 1 OF 1

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

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

EXHIBIT NO. _____
DOCKET NO. 160002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 8 OF 23

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. 160002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
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12. Commercial Reflective Roof Program
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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 354 residential energy surveys were performed.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$111,245**.

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: Commercial Energy Survey Program

PROGRAM DESCRIPTION: The Commercial Energy Survey Program provides participating customers with a free energy audit that provides customized information to meet the individual needs of small and large customers; therefore, it is an evolving program. The survey process consists of an on-site review of the customer's facility operation, equipment, and energy usage pattern by a Florida Public Utilities Company Energy Conservation Representative. The Energy Conservation Representative 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. Florida Public Utilities Company will subcontract the evaluation process to an independent engineering firm and/or contracting consultant, if necessary.

PROGRAM ACCOMPLISHMENTS: This year a total of 38 audits were completed during the reporting period.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$19,554**.

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: 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, 2015 through December 31, 2015 were **\$0**.

PROGRAM PROGRESS SUMMARY: Though there were no special events or presentations directly related to Low Income customers in 2015, we will continue to promote the opportunity to educate low-income customers on the benefits of an energy efficient home.

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, 2 customers participated in the Commercial Heating & Cooling Efficiency Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$743**.

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: 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, 373 customers participated in the residential heating and cooling efficiency upgrade program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$59,397**.

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 is directed at reducing 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 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: For the reporting period, 10 customers participated in the Commercial Indoor Efficient Lighting Rebate Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$7,288**.

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 Window Film Installation Program

PROGRAM DESCRIPTION: The Commercial Window Film Installation Program is directed at reducing peak demand and energy by decreasing the load on commercial air conditioning equipment. To serve this purpose, Florida Public Utilities Company will provide rebates of \$0.50 per square foot of covered area (at a maximum of \$100 per customer) for solar window film installations with a shading coefficient of 0.45 or less. An on-site inspection should be scheduled with FPUC prior to installation.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 1 customer participated in the Commercial Window Film Installation Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$144**.

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, 0 customers participated in the Commercial Chiller Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$384**.

PROGRAM PROGRESS SUMMARY: Though we did not meet our goal for this year, we continue to work with commercial customers to promote this program and are optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Solar Water Heating Program

PROGRAM DESCRIPTION: The Solar Water Heating Program is directed at reducing the consumption of electric energy and fossil fuels in Florida Public Utilities Company's service territory. Florida Public Utilities Company will provide a rebate of \$200 for eligible solar water heating installations. All of Florida Public Utilities Company's customers are eligible to participate in this program but each customer can only receive one incentive payment of \$200, regardless of the amount of installations.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 0 customers participated in the Solar Water Heating Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$0**.

PROGRAM PROGRESS SUMMARY: Although our goal of 12 installations for this program was not met, we used over 84% of the dollars allotted for renewable energy programs in 2015. Additionally, this program ended on December 31st, 2015.

PROGRAM TITLE: Solar Photovoltaic Program

PROGRAM DESCRIPTION: The primary purpose of the Solar Water Heating Program is to encourage the installation of solar photovoltaic systems and reduce the consumption of fossil fuels used to generate electricity. Florida Public Utilities Company will provide 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 will be 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: For the reporting period, 8 customers participated in the Solar Photovoltaic Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$40,013**.

PROGRAM PROGRESS SUMMARY: This program was very successful in 2015, however, this program ended on December 31st, 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 2015, this program was used to identify and develop 2 programs for the Company's new Demand Side Management Plan.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$14,191**.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we continue to explore new technologies for applicability to this program.

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: This program became effective in September 2015, upon the approval of FPUC's 2015 Demand Side Management Plan. For the reporting period, there were 0 participants in this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$2,030**.

PROGRAM PROGRESS SUMMARY: Even though there was no goal for this program in 2015, we have begun to promote this program and expect to meet the program goal for 2016.

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: This program became effective in September 2015, upon the approval of FPUC's 2015 Demand Side Management Plan. For the reporting period, there were 16 participants in this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2015 through December 31, 2015 were **\$1,852**

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.