



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

May 4, 2020

**VIA E-PORTAL**

Mr. Adam Teitzman  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

**Re: Docket No. 20200002-EG – Energy Conservation Cost Recovery Clause**

Dear Mr. Teitzman:

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. 20200002-EG  
Filed: May 4, 2020

**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, 2019. In support of this Petition, FPUC states:

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

Florida Public Utilities Company  
208 Wildlight Ave.  
Yulee FL 32097

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

Mike Cassel  
Florida Public Utilities Company  
208 Wildlight Ave.  
Yulee FL 32097

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 (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 \$200,048 for the period January through December 2019, as compared to its previously anticipated under-

recovery of \$84,848, 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 is a final end of period true-up amount that is an under-recovery of \$115,200.

WHEREFORE, the Company respectfully requests that the Commission approve the FPUC electric division's final true-up amount for the period January 1, 2019 through December 31, 2019 for inclusion in the calculation of the Company's Conservation Cost Recovery Factors to be applied in 2021.

RESPECTFULLY SUBMITTED this 4th day of May, 2020.



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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*

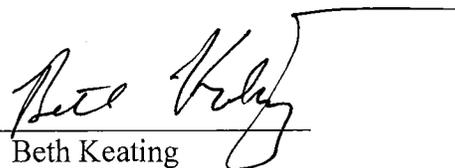
**CERTIFICATE OF SERVICE**

**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 4th day of May, 2020, along with the referenced Testimony and Exhibit of Mr. Young:

<p>Florida Public Utilities Company                  Mike Cassel                  208 Wildlight Ave                  Yulee, Florida 32097  <a href="mailto:mcassel@fpuc.com">mcassel@fpuc.com</a></p>	<p>Jon C. Moyle, Jr.                  Moyle Law Firm                  118 North Gadsden St.                  Tallahassee, FL 32301  <a href="mailto:jmoyle@moylelaw.com">jmoyle@moylelaw.com</a></p>
<p>Ashley Weisenfeld                  Florida Public Service Commission                  2540 Shumard Oak Boulevard                  Tallahassee, FL 32399  <a href="mailto:aweisenf@psc.state.fl.us">aweisenf@psc.state.fl.us</a></p>	<p>Office of Public Counsel                  Mireille Fall-Fry/Charles Rehwinkel/Patricia Christensen/Tad David                  c/o The Florida Legislature                  111 West Madison Street, Room 812                  Tallahassee, FL 32399-1400  <a href="mailto:Fall-fry.mireille@leg.state.fl.us">Fall-fry.mireille@leg.state.fl.us</a>  <a href="mailto:christensen.patty@leg.state.fl.us">christensen.patty@leg.state.fl.us</a>  <a href="mailto:Rehwinkel.Charles@leg.state.fl.us">Rehwinkel.Charles@leg.state.fl.us</a>  <a href="mailto:David.tad@leg.state.fl.us">David.tad@leg.state.fl.us</a></p>
<p>Paula K. Brown                  Tampa Electric Company                  P.O. Box 111                  Tampa, FL 33601-0111  <a href="mailto:regdept@tecoenergy.com">regdept@tecoenergy.com</a></p>	<p>Dianne M. Triplett                  Duke Energy, Inc.                  P.O. Box 14042                  St. Petersburg, FL 33733-4042  <a href="mailto:dtriplett@duke-energy.com">dtriplett@duke-energy.com</a></p>
<p>Matthew Bernier                  Duke Energy, Inc.                  106 E. College Ave., Suite 800                  Tallahassee, FL 32301  <a href="mailto:Matthew.Bernier@duke-energy.com">Matthew.Bernier@duke-energy.com</a></p>	<p>James D. Beasley                  J. Jeffry Wahlen                  Malcolm Means                  Ausley &amp; McMullen                  P.O. Box 391                  Tallahassee, FL 32302  <a href="mailto:jbeasley@ausley.com">jbeasley@ausley.com</a>  <a href="mailto:jwahlen@ausley.com">jwahlen@ausley.com</a>  <a href="mailto:mmeans@ausley.com">mmeans@ausley.com</a></p>
<p>Steven R. Griffin                  Beggs &amp; Lane                  P.O. Box 12950                  Pensacola, FL 32591-2950  <a href="mailto:srg@beggslane.com">srg@beggslane.com</a></p>	<p>Maria Moncada                  Joel Baker                  Florida Power &amp; Light Company                  700 Universe Boulevard                  Juno Beach, FL 33408-0420  <a href="mailto:Maria.Moncada@fpl.com">Maria.Moncada@fpl.com</a>  <a href="mailto:Joel.baker@fpl.com">Joel.baker@fpl.com</a></p>

Ken Hoffman 215 South Monroe Street, Suite 810 Tallahassee, FL 32301-1858 <a href="mailto:ken.hoffman@fpl.com">ken.hoffman@fpl.com</a>	Robert Scheffel Wright/John T. LaVia, c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 <a href="mailto:schef@gbwlegal.com">schef@gbwlegal.com</a> <a href="mailto:jlavia@gbwlegal.com">jlavia@gbwlegal.com</a>
Russell Badders Shane Boyett Gulf Power Company One Energy Place Pensacola, FL 32520-0780 <a href="mailto:Russell.badders@nexteraenergy.com">Russell.badders@nexteraenergy.com</a> <a href="mailto:Charles.boyett@nexteraenergy.com">Charles.boyett@nexteraenergy.com</a>	James W. Brew Laura Wynn Stone Mattheis Xenopoulos & Brew, PC Eighth Floor, West Tower 1025 Thomas Jefferson Street, NW Washington, DC 20007 <a href="mailto:jbrew@smxblaw.com">jbrew@smxblaw.com</a> <a href="mailto:lwynn@smxblaw.com">lwynn@smxblaw.com</a>

By:



Beth Keating  
FL Bar #0022756  
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. 20200002-EG  
ENERGY CONSERVATION COST RECOVERY CLAUSE

Direct Testimony 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 1635 Meathe Drive, West Palm  
3 Beach, Florida 33411.

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  
9 Conservation Program costs for the period January 1, 2019 through December  
10 31, 2019 as compared to the true-up amounts previously reported for that  
11 period which were 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  
14 Company for January 1, 2019 through December 31, 2019.

15 A. The Company under-recovered \$200,048 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 2019 hearing?

1 A. The cost recovery factors approved by the Commission in Docket No.  
2 20190002-EG were based upon an anticipated under-recovery of \$84,848 as of  
3 December 31, 2019.

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  
CONSERVATION ADJUSTMENT TRUE-UP

SCHEDULE CT-1  
PAGE 1 OF 1

FOR MONTHS January-19 THROUGH December-19

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-19 THROUGH December-19		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>198,907</u>	
5.	INTEREST	<u>1,141</u>	<u>200,048</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-19 (DATE) HEARINGS		
8.	PRINCIPAL	<u>84,178</u>	
9.	INTEREST	<u>670</u>	<u>84,848</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>115,200</u></u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20200002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 1 OF 18

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

	FOR MONTHS	January-19	THROUGH	December-19	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	342,969		321,683	21,286
2.	ADVERTISING	48,419		65,378	(16,959)
3.	LEGAL	136,869		50,466	86,403
4.	OUTSIDE SERVICES/CONTRACT	225,019		232,121	(7,102)
5.	VEHICLE COST	22,214		15,814	6,400
6.	MATERIAL & SUPPLIES	6,102		7,280	(1,178)
7.	TRAVEL	55,246		42,536	12,710
8.	GENERAL & ADMIN	0		0	0
9.	INCENTIVES	16,617		27,858	(11,241)
10.	OTHER	12,387		8,340	4,047
11.	SUB-TOTAL	865,843		771,476	94,367
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	865,843		771,476	94,367
14.	LESS: PRIOR PERIOD TRUE-UP	(51,633)		(51,633)	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(615,303)		(635,665)	20,362
17.					
18.	TRUE-UP BEFORE INTEREST	198,907		84,178	114,729
19.	ADD INTEREST PROVISION	1,141		670	471
20.	END OF PERIOD TRUE-UP	200,048		84,848	115,200

() REFLECTS OVERRECOVERY

\* 6 MONTHS ACTUAL AND 6 MONTHS PROJECTED

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME	LABOR & PAYROLL		LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES		GENERAL & ADMIN.			SUB TOTAL	PROGRAM REVENUES	TOTAL
	PAYROLL	ADVERTISING				TRAVEL	INCENTIVES	OTHER					
1. Common	289,594	15,736	136,869	169,015	17,611	4,998	45,460	0	0	10,924	690,207	0	690,207
2. Residential Energy Survey	42,675	5,219	0	20,386	3,729	939	8,220	0	0	1,216	82,384	0	82,384
3. Loan Program (discontinued but remains open)											0	0	0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Low Income Education	660	1,864	0	0	34	10	62	0	0	8	2,637	0	2,637
6. Commercial Heating & Cooling Upgrade	319	3,839	0	257	19	4	52	0	0	4	4,493	0	4,493
7. Residential Heating & Cooling Upgrade	2,168	13,864	0	257	179	32	462	0	12,876	58	29,896	0	29,896
8. Commercial Indoor Efficient Lighting Rebate	0	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	0
10. Commercial Chiller Upgrade Program	425	3,585	0	257	25	5	69	0	0	5	4,372	0	4,372
11. Solar Water Heating Program	0	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	0	0	0
13. Electric Conservation Demonstration and Development	1,168	0	0	34,365	68	15	191	0	0	15	35,821	0	35,821
14. Commercial Reflective Roof	1,247	4,261	0	257	84	21	198	0	3,741	29	9,836	0	9,836
15. Commercial Energy Consultant	4,715	51	0	226	465	78	532	0	0	129	6,196	0	6,196
16.											0	0	0
17.											0	0	0
18.											0	0	0
19.											0	0	0
20.											0	0	0
21.											0	0	0
22.											0	0	0
<b>TOTAL ALL PROGRAMS</b>	<b>342,969</b>	<b>48,419</b>	<b>136,869</b>	<b>225,019</b>	<b>22,214</b>	<b>6,102</b>	<b>55,246</b>	<b>0</b>	<b>16,617</b>	<b>12,387</b>	<b>865,843</b>	<b>0</b>	<b>865,843</b>

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-2  
PAGE 3 OF 3

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

FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME	LABOR &		LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS &		GENERAL &			SUB TOTAL	PROGRAM REVENUES	TOTAL
	PAYROLL	ADVERTISING				SUPPLIES	TRAVEL	ADMIN.	INCENTIVES	OTHER			
1. Common	34,045	(13,596)	86,403	287	5,810	906	11,365	0	0	3,287	128,507		128,507
2. Residential Energy Survey	(6,898)	(659)	0	2,853	932	(79)	2,772	0	0	665	(414)		(414)
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	125	1,814	0	0	34	(1,740)	51	0	0	8	291		291
6. Commercial Heating & Cooling Upgrade	(31)	(2,115)	0	(14)	(32)	(47)	(32)	0	(500)	4	(2,768)		(2,768)
7. Residential Heating & Cooling Upgrade	624	4,659	0	(14)	44	(37)	(1,372)	0	(7,741)	21	(3,816)		(3,816)
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	(459)	(2,369)	0	37	(27)	(46)	(26)	0	(1,500)	4	(4,385)		(4,385)
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	0		0
13. Electric Conservation Demonstration and Development	(700)	(500)	0	(10,270)	13	(38)	17	0	0	14	(11,465)		(11,465)
14. Commercial Reflective Roof	144	(1,693)	0	37	51	15	118	0	(1,500)	24	(2,806)		(2,806)
15. Commercial Energy Consultant	(5,562)	(2,500)	0	(17)	(425)	(112)	(183)	0	0	21	(8,778)		(8,778)
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>21,286</b>	<b>(16,959)</b>	<b>86,403</b>	<b>(7,102)</b>	<b>6,400</b>	<b>(1,178)</b>	<b>12,710</b>	<b>0</b>	<b>(11,241)</b>	<b>4,047</b>	<b>94,367</b>	<b>0</b>	<b>94,367</b>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20200002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 4 OF 18

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

FOR MONTHS January-19 THROUGH December-19

A. CONSERVATION EXPENSE BY PROGRAM		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	Common	37,821	25,062	54,484	57,801	83,495	62,287	78,526	64,921	43,253	57,080	41,250	84,227	690,207
2.	Residential Energy Survey	5,425	7,496	5,515	5,386	3,544	6,183	11,422	7,145	6,969	9,475	7,023	6,802	82,384
3.	Loan Program (discontinued but remains open)	-	-	-	-	-	-	-	-	-	-	-	-	0
4.	Commercial Energy Survey	-	-	-	-	-	-	-	-	-	-	-	-	0
5.	Low Income Education	-	-	4	9	20	12	15	16	10	11	1,876	663	2,637
6.	Commercial Heating & Cooling Upgrade	37	407	248	173	205	242	1,431	155	807	140	188	460	4,493
7.	Residential Heating & Cooling Upgrade	1,630	16,832	(12,066)	5,029	2,044	594	4,763	1,985	4,343	2,097	841	1,805	29,896
8.	Commercial Indoor Efficient Lighting Rebate	-	-	-	-	-	-	-	-	-	-	-	-	0
9.	Commercial Window Film Installation Program	-	-	-	-	-	-	-	-	-	-	-	-	0
10.	Commercial Chiller Upgrade Program	37	407	251	182	226	254	1,447	170	817	151	201	230	4,372
11.	Solar Water Heating Program	-	-	-	-	-	-	-	-	-	-	-	-	0
12.	Solar Photovoltaic Program	-	-	-	-	-	-	-	-	-	-	-	-	0
13.	Electric Conservation Demonstration and Developmen	-	-	7,741	103	18,657	136	170	8,402	112	118	135	249	35,821
14.	Commercial Reflective Roof	4,186	407	251	182	361	254	1,446	170	1,321	151	539	568	9,836
15.	Commercial Energy Consultant	456	83	54	88	2,168	674	1,137	291	295	741	73	136	6,196
16.														0
17.														0
18.														0
19.														0
20.														0
21.														0
22.														0
21.	TOTAL ALL PROGRAMS	49,591	50,695	56,481	68,952	110,721	70,635	100,357	83,254	57,927	69,963	52,125	95,140	865,843
22.	LESS AMOUNT INCLUDED IN RATE BASE													
23.	RECOVERABLE CONSERVATION EXPENSES	49,591	50,695	56,481	68,952	110,721	70,635	100,357	83,254	57,927	69,963	52,125	95,140	865,843

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-19 THROUGH December-19

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION	(49,370)	(46,211)	(34,913)	(41,830)	(47,700)	(61,811)	(62,254)	(63,768)	(58,740)	(58,440)	(47,230)	(43,035)	(615,303)
2. CONSERVATION ADJ. REVENUES													0
3. TOTAL REVENUES	(49,370)	(46,211)	(34,913)	(41,830)	(47,700)	(61,811)	(62,254)	(63,768)	(58,740)	(58,440)	(47,230)	(43,035)	(615,303)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,300)	(51,633)
5. CONSERVATION REVENUE APPLICABLE	(53,673)	(50,514)	(39,216)	(46,133)	(52,003)	(66,114)	(66,557)	(68,071)	(63,043)	(62,743)	(51,533)	(47,335)	(666,935)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	49,591	50,695	56,481	68,952	110,721	70,635	100,357	83,254	57,927	69,963	52,125	95,140	865,843
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(4,082)	181	17,265	22,819	58,718	4,521	33,800	15,183	(5,115)	7,220	592	47,805	198,907
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	(106)	(99)	(73)	(24)	66	135	173	214	218	207	198	232	1,141
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(51,633)	(51,518)	(47,133)	(25,638)	1,460	64,547	73,506	111,783	131,483	130,888	142,619	147,712	(51,633)
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,300	51,633
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	(51,518)	(47,133)	(25,638)	1,460	64,547	73,506	111,783	131,483	130,888	142,619	147,712	200,048	200,048

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3  
PAGE 3 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-19 THROUGH December-19

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	(51,633)	(51,518)	(47,133)	(25,638)	1,460	64,547	73,506	111,783	131,483	130,888	142,619	147,712	(51,633)
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	(51,412)	(47,034)	(25,565)	1,484	64,481	73,371	111,610	131,269	130,670	142,412	147,514	199,816	198,907
3.	TOTAL BEG. AND ENDING TRUE-UP	(103,044)	(98,552)	(72,698)	(24,154)	65,942	137,919	185,116	243,051	262,153	273,300	290,132	347,528	147,275
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	(51,522)	(49,276)	(36,349)	(12,077)	32,971	68,959	92,558	121,526	131,077	136,650	145,066	173,764	73,637
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	2.50%	2.42%	2.42%	2.43%	2.42%	2.42%	2.28%	2.21%	2.02%	1.98%	1.66%	1.61%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	2.42%	2.42%	2.43%	2.42%	2.42%	2.28%	2.21%	2.02%	1.98%	1.66%	1.61%	1.59%	
7.	TOTAL (LINE C-5 + C-6)	4.92%	4.84%	4.85%	4.85%	4.84%	4.70%	4.49%	4.23%	4.00%	3.64%	3.27%	3.20%	
8.	AVG. INTEREST RATE (C-7 X 50%)	2.46%	2.42%	2.43%	2.43%	2.42%	2.35%	2.25%	2.12%	2.00%	1.82%	1.64%	1.60%	
9.	MONTHLY AVERAGE INTEREST RATE	0.205%	0.202%	0.202%	0.202%	0.202%	0.196%	0.187%	0.176%	0.167%	0.152%	0.136%	0.133%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	(106)	(99)	(73)	(24)	66	135	173	214	218	207	198	232	1,141

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COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-4  
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SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME:	BEGINNING												TOTAL		
	OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER		DECEMBER	
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. \_\_\_\_\_  
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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-19 THROUGH December-19

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. \_\_\_\_\_  
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1. Residential Energy Survey Program
2. Educational/Low Income Program
3. Commercial Heating & Cooling Upgrade Program
4. Residential Heating & Cooling Upgrade Program
5. Commercial Chiller Upgrade Program
6. Conservation Demonstration and Development Program
7. Commercial Reflective Roof Program
8. 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 123 residential energy surveys were performed.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$82,384**.

**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 and education to low income customers as well as evaluating homes for local agencies for possible energy efficiency improvements. We completed two low income presentations this year.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$2,637**.

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 2019.

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

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$4,493**.

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

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$29,896**.

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.

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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 customer participated in the Commercial Chiller Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$4,372**.

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:** 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 2019, the Company installed 2 battery storage system to improve customer's electric system reliability and resiliency.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$35,821**.

**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 11 participants in this program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$9,836**.

**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 19 participants in this program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$6,196**.

**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.