

Writer's Direct Dial Number: (850) 521-1706  
Writer's E-Mail Address: bkeating@gunster.com

August 7, 2020

**E-PORTAL/ELECTRONIC FILING**

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 the Direct Testimony and Exhibit GSR-1 of Mr. Scott Ranck on behalf of Florida Public Utilities Company, along with the Company's Petition for Approval of Conservation Cost Recovery Factor.

Thank you for your assistance with this filing. As always, please don't hesitate to let me know if you have any questions whatsoever.

Sincerely,



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

MEK  
cc: Parties of Record

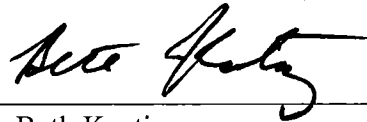


December 2021 is projected to be \$735,000. The conservation true-up amount for the prior period January 2019 to December 2019 is an under-recovery of \$224,441.

5. The total projected energy conservation costs, on a consolidated basis, that the Company seeks to recover during the twelve month period ending December 2021, are \$959,441, which includes the projected incremental costs. As such, the Company asks for approval of a consolidated levelized conservation cost recovery factor for this period of \$.00150 per KWH, which is appropriate based upon projected sales for the same period.

WHEREFORE, FPUC respectfully requests that the Commission enter an Order approving the Company's requested conservation cost recovery factor to be applied to customers' bills for the period January 2021 through December 2021.

RESPECTFULLY SUBMITTED this 7th day of August, 2020.



---

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

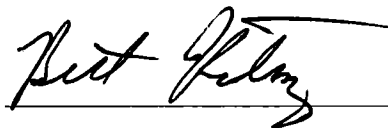
*Attorneys for Florida Public Utilities Company*

**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 7th day of August, 2020, along with the referenced Testimony and Exhibit of Mr. Ranck:

<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. Jeffrey 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></p>

	<a href="mailto:Joel.baker@fpl.com">Joel.baker@fpl.com</a>
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>



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

1                   BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION  
2           DOCKET NO. 20200002-EG - In Re: Energy Conservation Cost Recovery  
3    Clause

4                                   DIRECT TESTIMONY OF G. Scott Ranck

5                                   On behalf of

6                                   Florida Public Utilities Company

7   **Q. Please state your name, occupation and business address.**

8   A. My name is G. Scott Ranck. I am the Energy Conservation Manager for  
9       Florida Public Utilities Company. My business address is 331 West Central  
10      Ave. Suite 200, Winter Haven, Florida 33880

11 **Q. Describe briefly your background and business experience?**

12 A. I began my career in residential construction building houses in Pennsylvania  
13      and North Carolina. I then pursued my Bachelor's Degree in Theology  
14      (Summa Cum Laude) from Piedmont International University, Winston-  
15      Salem, NC. In 2006, I went back to my construction roots as an employee of  
16      FPUC in the natural gas conservation department. I became a Residential  
17      Energy Services Network (RESNET) Home Energy Rating System (HERS)  
18      Rater in February of 2009. I was subsequently promoted to Senior Energy  
19      Conservation Specialist with FPUC in January of 2012. In this role, I was  
20      responsible for implementing the Company's natural gas energy conservation  
21      program and also assisted with the implementation of FPUC's Electric  
22      Demand-Side Management (DSM) Program. Furthering my pursuit of  
23      additional training in building science, energy and related topics, I received  
24      certification as a Certified Energy Auditor (CEA) on January 25, 2011, as well  
25      as certification as a Certified Energy Manager (CEM) in April 2013. Both  
26      credentials are through the Association of Energy Engineers. I was also  
27      appointed to the Energy Technical Advisory Committee for the Florida

1 Building Commission in December of 2016. I am currently the Energy  
2 Conservation Manager with FPUC. In this role, I oversee both natural gas and  
3 electric energy conservation programs for the Company.

4

5 **Q. Are you familiar with the electric conservation programs of the Company**  
6 **and costs which have been, and are projected to be, incurred?**

7 A. Yes.

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

9 A. To describe generally the expenditures made and projected to be made in  
10 implementing, promoting, and operating the Company's electric conservation  
11 programs. This will include recoverable costs incurred in January through  
12 June 2020 and projections of program costs to be incurred from July through  
13 December 2020. It will also include projected electric conservation costs for  
14 the period January through December 2021, with a calculation of the  
15 Conservation Adjustment Factor to be applied to the Company's consolidated  
16 electric customers' bills during the collection period of January 1, 2021  
17 through December 31, 2021.

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

19 A. Yes. The Company wishes to sponsor as exhibits Schedules C-1, C-2, C-3, C-  
20 4, and C-5, contained in my composite Exhibit GSR-1.

21 **Q. Has the Company prepared summaries of its electric conservation**  
22 **programs and the costs associated with these programs?**

23 A. Yes. Summaries of the electric conservation programs as approved in Docket  
24 No. 20150089-EG, the petition for approval of the demand-side management  
25 plan, are contained in Schedule C-5 of Exhibit GSR-1. Included are the  
26 Residential Energy Survey Program, the Residential Heating and Cooling

1 Efficiency Program, the Commercial Heating and Cooling Efficiency  
2 Program, the Commercial Chiller Upgrade Program, the Electric Conservation  
3 Demonstration and Development Program, the Low Income Energy Outreach  
4 Program, the Commercial Reflective Roof Program and the Commercial  
5 Energy Consultation Program.

6 **Q. Has the Company prepared schedules that show the expenditures**  
7 **associated with its electric conservation programs for the periods you**  
8 **have mentioned?**

9 A. Yes, Schedule C-3, Pages 1 and 1A of 5, Exhibit GSR-1 shows actual  
10 expenses for the months January through June 2020. Projections for July  
11 through December 2020 are also shown on Schedule C-3, Pages 1 and 1A.  
12 Projected expenses for the January through December 2021 period are shown  
13 on Schedule C-2, Page 1 of 3 of Exhibit GSR-1.

14 **Q. Has the Company prepared schedules that show revenues for the period**  
15 **January through December 2021?**

16 A. Yes. Schedule C-4 shows actual revenues for the months January through  
17 June 2020 and projected revenues for July through December 2020 and  
18 January through December 2021.

19 **Q. Has the Company prepared a schedule that shows the calculation of its**  
20 **proposed Conservation Adjustment Factor to be applied during billing**  
21 **periods from January 1, 2021 through December 31, 2021?**

22 A. Yes. Schedule C-1 of Exhibit GSR-1 shows these calculations. Net program  
23 cost estimates for the period January 1, 2021 through December 31, 2021 are  
24 used. The estimated true-up amount from Schedule C-3 (Page 4 of 5, Line 11)  
25 of Exhibit GSR-1, being an under-recovery, was added to the total of the  
26 projected costs for the twelve-month period. The total projected recovery



1 amount, including estimated true-up, was then divided by the projected Retail  
2 KWH Sales for the twelve-month period ending December 31, 2021. The  
3 resulting Conservation Adjustment Factor is shown on Schedule C-1 (Page 1  
4 of 1) of Exhibit GSR-1.

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

7 A. The Conservation Adjustment Factor is \$.00150.

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

9 A. Yes.

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-21 THROUGH December-21

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>735,000</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>224,441</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>959,441</u>
4.	RETAIL KWH SALES	<u>642,308,108</u>
5.	COST PER KWH	<u>0.00149374</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00149500</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	<u>0.150</u>

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2  
PAGE 1 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-21 THROUGH December-21

A.	ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	Common	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	489,000
2	Residential Energy Survey Program	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	97,500
3	Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Low Income Program	508	508	508	508	508	508	508	508	508	508	508	508	6,100
5	Commercial Heating & Cooling Upgrade	650	650	650	650	650	650	650	650	650	650	650	650	7,800
6	Residential Heating & Cooling Upgrade	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	50,300
7	Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Commercial Chiller Upgrade Program	650	650	650	650	650	650	650	650	650	650	650	650	7,800
10	Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Demonstration and Development	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	52,850
13	Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Commercial Reflective Roof Program	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	15,350
15	Commercial Energy Consultation	692	692	692	692	692	692	692	692	692	692	692	692	8,300
16														
17														
18	TOTAL ALL PROGRAMS	61,249	61,249	61,249	61,249	61,250	61,250	61,250	61,250	61,250	61,250	61,250	61,250	735,000
19														
20	LESS AMOUNT INCLUDED													
21	IN RATE BASE													
22														
23	RECOVERABLE CONSERVATION													
24	EXPENSES	61,249	61,249	61,249	61,249	61,250	61,250	61,250	61,250	61,250	61,250	61,250	61,250	735,000

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20200002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(GSR-1)  
PAGE 2 OF 20

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-21 THROUGH December-21

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1 Common	324,000	35,000	50,000	0	20,000	5,000	40,000	0	0	15,000	489,000	0	489,000
2 Residential Energy Survey Program	40,000	6,000	0	40,000	3,500	1,500	5,000	0	0	1,500	97,500	0	97,500
3 Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Low Income Program	1,000	4,500	0	0	0	500	100	0	0	0	6,100	0	6,100
5 Commercial Heating & Cooling Upgrade	500	5,000	0	500	100	100	100	0	1,500	0	7,800	0	7,800
6 Residential Heating & Cooling Upgrade	1,500	15,000	0	500	100	100	3,000	0	30,000	100	50,300	0	50,300
7 Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Commercial Chiller Upgrade Program	500	4,000	0	0	100	100	100	0	3,000	0	7,800	0	7,800
10 Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Demonstration and Development	1,000	1,500	0	50,000	100	100	150	0	0	0	52,850	0	52,850
13 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Reflective Roof Program	1,000	6,000	0	500	200	0	100	0	7,500	50	15,350	0	15,350
15 Commercial Energy Consultation	4,500	2,000	0	500	500	250	500	0	0	50	8,300	0	8,300
16													
17													
18													
19 TOTAL ALL PROGRAMS	374,000	79,000	50,000	92,000	24,600	7,650	49,050	0	42,000	16,700	735,000	0	735,000
20 LESS: BASE RATE													
21 RECOVERY													
22													
23 NET PROGRAM COSTS	374,000	79,000	50,000	92,000	24,600	7,650	49,050	0	42,000	16,700	735,000	0	735,000

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2  
PAGE 3 OF 3

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-21 THROUGH December-21

PROGRAM NAME:

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT	NONE													
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20200002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(GSR-1)  
PAGE 4 OF 20

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

SCHEDULE C-3  
 PAGE 1 OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-20	THROUGH	June-20								SUB TOTAL	PROGRAM REVENUES	TOTAL		
	ESTIMATED FOR MONTHS	July-20	THROUGH	December-20	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL				GENERAL & ADMIN.	INCENTIVES
1. Common																
A. ACTUAL		185,059	5,773	29,868	157,705	8,591	2,553	8,108	0	0	6,706	404,363	0	404,363		
B. ESTIMATED		144,000	27,500	15,000	25,000	7,500	2,500	20,000	0	0	4,000	245,500	0	245,500		
C. TOTAL		329,059	33,273	44,868	182,705	16,091	5,053	28,108	0	0	10,706	649,863	0	649,863		
2. Residential Energy Survey Program																
A. ACTUAL		7,495	1,862	0	7,560	593	113	1,153	0	0	718	19,494	0	19,494		
B. ESTIMATED		25,000	4,000	0	8,500	1,750	750	2,500	0	0	250	42,750	0	42,750		
C. TOTAL		32,495	5,862	0	16,060	2,343	863	3,653	0	0	968	62,244	0	62,244		
3. Commercial Energy Survey																
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0		
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
4. Low Income Program																
A. ACTUAL		0	862	0	0	0	0	0	0	0	0	862	0	862		
B. ESTIMATED		500	2,250	0	0	0	250	50	0	0	0	3,050	0	3,050		
C. TOTAL		500	3,112	0	0	0	250	50	0	0	0	3,912	0	3,912		
5. Commercial Heating & Cooling Upgrade																
A. ACTUAL		0	1,375	0	0	0	0	0	0	0	0	1,375	0	1,375		
B. ESTIMATED		250	12,500	0	250	50	50	50	0	750	0	13,900	0	13,900		
C. TOTAL		250	13,875	0	250	50	50	50	0	750	0	15,275	0	15,275		
6. Residential Heating & Cooling Upgrade																
A. ACTUAL		0	4,791	0	0	0	0	0	0	6,766	0	11,557	0	11,557		
B. ESTIMATED		1,000	12,500	0	250	50	50	1,500	0	15,000	50	30,400	0	30,400		
C. TOTAL		1,000	17,291	0	250	50	50	1,500	0	21,766	50	41,957	0	41,957		
7. Commercial Indoor Efficient Lighting Rebate																
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0		
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
SUB-TOTAL ACTUAL		192,554	14,663	29,868	165,265	9,184	2,666	9,261	0	6,766	7,424	437,651	0	437,651		
SUB-TOTAL ESTIMATED		170,750	58,750	15,000	34,000	9,350	3,600	24,100	0	15,750	4,300	335,600	0	335,600		
LESS: PRIOR YEAR AUDIT ADJ.																
ACTUAL												0	0	0		
ESTIMATED																
TOTAL																
NET PROGRAM COSTS																

SEE PAGE 1A

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 20200002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (GSR-1)  
 PAGE 5 OF 20

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

SCHEDULE C-3  
 PAGE 1A OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-20	THROUGH	June-20								SUB TOTAL	PROGRAM REVENUES	TOTAL			
	ESTIMATED FOR MONTHS	July-20	THROUGH	December-20	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL				GENERAL & ADMIN.	INCENTIVES	OTHER
8. Commercial Window Film Installation Program																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Commercial Chiller Upgrade Program																	
A. ACTUAL		0	1,375	0	0	0	0	0	0	0	0	0	0	0	1,375	0	1,375
B. ESTIMATED		250	2,000	0	0	50	50	50	0	1,500	0	0	0	0	3,900	0	3,900
C. TOTAL		250	3,375	0	0	50	50	50	0	1,500	0	0	0	0	5,275	0	5,275
10. Solar Water Heating Program																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Solar Photovoltaic Program																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Demonstration and Development																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		1,500	500	0	20,325	50	50	75	0	0	0	0	0	0	22,500	0	22,500
C. TOTAL		1,500	500	0	20,325	50	50	75	0	0	0	0	0	0	22,500	0	22,500
13. Affordable Housing Builders and Providers																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Commercial Reflective Roof Program																	
A. ACTUAL		0	2,945	0	307	0	0	0	0	0	0	0	0	0	3,252	0	3,252
B. ESTIMATED		500	2,500	0	250	100	0	50	0	3,925	25	0	0	0	7,350	0	7,350
C. TOTAL		500	5,445	0	557	100	0	50	0	3,925	25	0	0	0	10,602	0	10,602
15. Commercial Energy Consultation																	
A. ACTUAL		1,562	0	0	0	131	14	229	0	0	201	0	0	2,137	0	2,137	
B. ESTIMATED		3,750	1,000	0	250	250	125	250	0	0	25	0	0	5,650	0	5,650	
C. TOTAL		5,312	1,000	0	250	381	139	479	0	0	226	0	0	7,787	0	7,787	
TOTAL ACTUAL		194,116	18,983	29,868	165,572	9,315	2,680	9,490	0	6,766	7,625	0	0	444,415	0	444,415	
TOTAL ESTIMATED		176,750	64,750	15,000	54,825	9,800	3,825	24,525	0	21,175	4,350	0	0	375,000	0	375,000	
LESS: PRIOR YEAR AUDIT ADJ.																	
ACTUAL														0			0
ESTIMATED																	
TOTAL																	
NET PROGRAM COSTS		370,866	83,733	44,868	220,397	19,115	6,505	34,015	0	27,941	11,975	0	0	819,415	0	819,415	

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

SCHEDULE C-3  
 PAGE 2 OF 5

ACTUAL FOR MONTHS      January-20      THROUGH      June-20  
 ESTIMATED FOR MONTHS      July-20      THROUGH      December-20

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT	NONE													
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 20200002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (GSR-1)  
 PAGE 7 OF 20



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

SCHEDULE C-3  
 PAGE 3 OF 5

ACTUAL FOR MONTHS                      January-20      THROUGH      June-20  
 ESTIMATED FOR MONTHS                July-20        THROUGH      December-20

A.	ESTIMATED EXPENSE BY PROGRAM	ACTUAL						TOTAL ACTUAL	ESTIMATED						TOTAL ESTIMATED	GRAND TOTAL
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	CV610 Common	56,503	103,565	65,426	36,425	84,527	57,918	404,364	40,917	40,917	40,917	40,917	40,917	40,917	245,500	649,864
2	CV613 Residential Energy Survey Program	5,624	6,288	2,357	2,703	1,260	1,260	19,492	7,125	7,125	7,125	7,125	7,125	7,125	42,750	62,242
3	CV616 Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CV617 Low Income Program	0	0	862	0	0	0	862	508	508	508	508	508	508	3,050	3,912
5	CV618 Commercial Heating & Cooling Upgrade	533	71	71	89	172	439	1,375	2,317	2,317	2,317	2,317	2,317	2,317	13,900	15,275
6	CV619 Residential Heating & Cooling Upgrade	680	5,240	2,219	927	549	1,942	11,557	5,067	5,067	5,067	5,067	5,067	5,067	30,400	41,957
7	CV621 Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	CV622 Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CV623 Commercial Chiller Upgrade Program	533	71	71	89	172	439	1,375	650	650	650	650	650	650	3,900	5,275
10	CV624 Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	CV625 Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	CV626 Demonstration and Development	0	0	0	0	0	0	0	3,750	3,750	3,750	3,750	3,750	3,750	22,500	22,500
13	CV627 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	CV628 Commercial Reflective Roof Program	815	378	378	396	173	1,113	3,253	1,225	1,225	1,225	1,225	1,225	1,225	7,350	10,603
15	CV629 Commercial Energy Consultation	174	1,539	424	0	0	0	2,137	942	942	942	942	942	942	5,650	7,787
16								0							0	0
17	Prior period audit adj.							0							0	0
18								0							0	0
19																
20																
21	TOTAL ALL PROGRAMS	64,862	117,152	71,808	40,629	86,853	63,111	444,415	62,500	62,500	62,500	62,500	62,500	62,500	375,000	819,415
22																
23	LESS AMOUNT INCLUDED															
24	IN RATE BASE															
25																
26	RECOVERABLE CONSERVATION															
27	EXPENSES	64,862	117,152	71,808	40,629	86,853	63,111	444,415	62,500	62,500	62,500	62,500	62,500	62,500	375,000	819,415

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 20200002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (GSR-1)  
 PAGE 8 OF 20

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

SCHEDULE C-3  
 PAGE 4 OF 5

	ACTUAL FOR MONTHS	January-20	THROUGH	June-20													
	ESTIMATED FOR MONTHS	July-20	THROUGH	December-20	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION REVENUES																	
1. RCS AUDIT FEES																	
a.																	
b.																	
c.																	
2. CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)		(60,033)	(57,679)	(53,711)	(55,755)	(57,090)	(68,233)	(82,595)	(80,368)	(80,602)	(67,750)	(65,520)	(67,082)	(796,418)			
3. TOTAL REVENUES		(60,033)	(57,679)	(53,711)	(55,755)	(57,090)	(68,233)	(82,595)	(80,368)	(80,602)	(67,750)	(65,520)	(67,082)	(796,418)			
4. PRIOR PERIOD TRUE-UP-ADJ NOT APPLICABLE TO PERIOD		16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,667	200,048		
5. CONSERVATION REVENUES APPLICABLE TO PERIOD		(43,362)	(41,008)	(37,040)	(39,084)	(40,419)	(51,562)	(65,924)	(63,697)	(63,931)	(51,079)	(48,849)	(50,415)	(596,370)			
6. CONSERVATION EXPENSES (FORM C-3,PAGE 3)		64,862	117,152	71,808	40,629	86,853	63,111	62,500	62,500	62,500	62,500	62,500	62,500	819,415			
7. TRUE-UP THIS PERIOD		21,500	76,144	34,768	1,545	46,434	11,549	(3,424)	(1,197)	(1,431)	11,421	13,651	12,085	223,045			
8. INTEREST PROVISION THIS PERIOD (C-3,PAGE 5)		268	303	390	245	39	26	24	22	21	20	19	19	1,396			
9. TRUE-UP & INTEREST PROVISION		200,048	205,145	264,921	283,408	268,527	298,329	293,233	273,162	255,316	237,235	232,005	229,004	200,048			
10. PRIOR TRUE-UP REFUNDED (COLLECTED)		(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(200,048)			
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)		205,145	264,921	283,408	268,527	298,329	293,233	273,162	255,316	237,235	232,005	229,004	224,441	224,441			

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 20200002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (GSR-1)  
 PAGE 9 OF 20

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

SCHEDULE C-3  
PAGE 5 OF 5

ACTUAL FOR MONTHS      January-20      THROUGH      June-20  
ESTIMATED FOR MONTHS      July-20      THROUGH      December-20

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	200,048	205,145	264,921	283,408	268,527	298,329	293,233	273,162	255,316	237,235	232,005	229,004	224,441
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	204,877	264,618	283,018	268,282	298,290	293,207	273,138	255,294	237,214	231,985	228,985	224,422	223,045
3. TOTAL BEG. AND ENDING TRUE-UP	404,925	469,763	547,939	551,690	566,817	591,536	566,371	528,456	492,530	469,220	460,990	453,426	447,486
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	202,463	234,882	273,970	275,845	283,409	295,768	283,186	264,228	246,265	234,610	230,495	226,713	223,743
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	1.59%	1.59%	1.51%	1.91%	0.22%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	1.59%	1.51%	1.91%	0.22%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
7. TOTAL (LINE C-5 + C-6)	3.18%	3.10%	3.42%	2.13%	0.33%	0.21%	0.20%	0.20%	0.20%	0.20%	0.20%	0.20%	0.20%
8. AVG INTEREST RATE (C-7 X 50%)	1.59%	1.55%	1.71%	1.07%	0.17%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
9. MONTHLY AVERAGE INTEREST RATE	0.133%	0.129%	0.143%	0.089%	0.014%	0.009%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%
10. INTEREST PROVISION (LINE C-4 X C-9)	268	303	390	245	39	26	24	22	21	20	19	19	1,396

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20200002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(GSR-1)  
PAGE 10 OF 20

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

SCHEDULE C-4  
 PAGE 1 OF 1

FOR THE PERIOD January-20 THROUGH December-21

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2020 JANUARY	50,430	60,033	ACTUAL
FEBRUARY	50,331	57,679	ACTUAL
MARCH	40,566	53,711	ACTUAL
APRIL	42,456	55,755	ACTUAL
MAY	43,068	57,090	ACTUAL
JUNE	51,432	68,233	ACTUAL
JULY	62,443	82,595	0.132272
AUGUST	60,760	80,368	0.132271
SEPTEMBER	60,937	80,602	0.132271
OCTOBER	51,220	67,750	0.132273
NOVEMBER	49,534	65,520	0.132272
DECEMBER	50,715	67,082	0.132272
SUB-TOTAL	613,893	796,418	
2021 JANUARY	51,505	76,935	0.149374
FEBRUARY	50,470	75,390	0.149374
MARCH	40,498	60,493	0.149374
APRIL	43,348	64,751	0.149374
MAY	45,903	68,568	0.149374
JUNE	58,212	86,954	0.149374
JULY	60,965	91,066	0.149374
AUGUST	61,345	91,634	0.149374
SEPTEMBER	64,797	96,790	0.149374
OCTOBER	62,428	93,251	0.149374
NOVEMBER	50,445	75,352	0.149374
DECEMBER	52,391	78,258	0.149374
SUB-TOTAL	642,308	959,442	
TOTALS	1,256,201	1,755,860	

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 20200002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (GSR-1)  
 PAGE 11 OF 20

**Program**

1. Residential Energy Survey Program
2. Commercial Heating and Cooling Upgrade Program
3. Residential Heating and Cooling Upgrade Program
4. Commercial Chiller Upgrade Program
5. Conservation Demonstration and Development Program
6. Low Income Energy Outreach Program
7. Commercial Reflective Roof Program
8. Commercial Energy Consultation Program

**PROGRAM TITLE:**

Residential Energy Survey Program

**PROGRAM DESCRIPTION:**

The objective of the Residential Energy Survey Program is to provide FPUC's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower FPUC's energy requirements and improve operating efficiencies. FPUC views this program as a way of promoting the installation of cost-effective conservation features. During the survey process, the customer is provided with specific whole-house recommendations and two LED bulbs.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January 2021 to December 2021, the Company estimates that 150 residential surveys will be conducted. Fiscal expenditures for 2021 are projected to be \$97,500.00 For January 2021 through December 2021, the goal for the number of program participants is 100.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020, 24 surveys were performed and actual expenditures were \$19,492. We estimate that another 26 surveys will be performed between July 2020 and December 2020. Projected program costs as filed for July 2020-December 2020 are \$42,750.

**PROGRAM SUMMARY:**

This program provides participating customers with the information needed to determine which energy saving measures are best suited to their individual needs and requirements. Due to the limitations of COVID-19 we are not sure we will be able to perform in home energy audits for the remainder of the year. We stopped going into homes in early March. We are conducting telephone audits and have an online do it yourself audit.

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

**SCHEDULE C-5  
PAGE 3 OF 9**

**PROGRAM TITLE:**

Commercial Heating and Cooling Upgrade Program

**PROGRAM DESCRIPTION:**

This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial sector by providing rebates to small commercial customers (commercial establishments with a maximum of 5 ton units). The program will do this by increasing the saturation of high-efficiency heat pumps and air conditioners. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2021, the Company estimates that 5 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2021 are projected to be \$7,800.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020, no Commercial Heating and Cooling allowances were paid and actual expenditures were \$1,375. We estimate that 5 Commercial Heating and Cooling allowances will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$13,900. For January 2020 through December 2020, the goal for the number of program participants is 10.

**PROGRAM SUMMARY:**

This program provides an opportunity for FPUC commercial customers to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will see a higher participation level.

**EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20200002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(GSR -1)  
Page 14 of 20**

**PROGRAM TITLE:**

Residential Heating and Cooling Efficiency Upgrade Program

**PROGRAM DESCRIPTION:**

This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps and central air conditioning systems. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER. The Residential Heating & Cooling Efficiency Upgrade Program focuses in two areas. The first is to incent customers operating inefficient heat pumps and air conditioners to replace them with more efficient units. The program also incents customers with resistance heating to install a new heat pump. The second area of focus for the program is to incent customers that are replacing a heat pump or air conditioner that has reached the end of its life with a more efficient heat pump or air conditioner than is required by codes and standards. The incentive to install a more efficient heat pump or air conditioner also applies to heat pumps and air conditioners being installed in new construction.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2021, the Company estimates that 120 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2021 are projected to be \$50,300.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020, 57 Residential Heating and Cooling allowances were paid and actual expenditures were \$11,557. We estimate that another 43 Residential Heating and Cooling allowances will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$30,400.

**PROGRAM SUMMARY:**

This program provides an opportunity for FPUC customers' to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program we will continue to see a high participation level.



**PROGRAM TITLE:**

Commercial Chiller Upgrade Program

**PROGRAM DESCRIPTION:**

The program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial/industrial sector. To serve this purpose, this program requires that commercial/industrial customers replace existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to \$175 per kW of additional savings above the minimum efficiency levels. The program covers water-cooled centrifugal chillers, water-cooled scroll or screw chillers, and air-cooled electric chillers. Minimum qualifications for efficiency exist for each of the chiller types based on size and are presented in the participation standards section of this program description.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2021, the Company estimates that 2 Commercial Chiller Upgrades rebate will be paid. Fiscal expenditures for 2021 are projected to be \$7,800.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020, no Commercial Chiller Upgrade allowances were paid and actual expenditures were \$1,375. We estimate that 1 Commercial Chiller Upgrade rebate will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$3,900.

**PROGRAM SUMMARY:**

Interested customers will send project proposals to Florida Public Utilities Company and a representative will schedule an on-site visit for inspection prior to installation. After the project is completed, a Florida Public Utilities Company representative will conduct an on-site inspection. By following the guidelines, the customer will qualify for the rebate.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20200002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(GSR-1)  
Page 16 of 20

**PROGRAM TITLE:**

Conservation Demonstration and Development Program

**PROGRAM DESCRIPTION:**

The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2021, the Company estimates that they will engage in at least 3 CDD projects approved in our new DSM plan. Fiscal expenditures for 2021 are projected to be \$52,850.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020 actual expenditures were \$0. For July 2020 through December 2020 the projected expenses as filed are \$22,500.

**PROGRAM SUMMARY:**

Per the Company's 2015 Demand Side Management Plan (approved by ORDER NUMBER PSC-15-0326-PAA-EG), FPUC will notify the Florida Public Service Commission of any CDD project that exceeds \$15,000. FPU wishes to test the viability of using battery storage technology to improve customer's electric system reliability and resiliency (see Exhibit A). In addition, the pilot will test whether the technology can be used to lower FPU's power supply cost and test the viability of using storage batteries to integrate renewables into FPU's power purchase portfolio. Florida Public Utilities Company will limit the total CDD expenditures to a maximum of \$75,000 per year. Costs for CDD projects that meet the program's criteria for acceptance will be charged to Energy Conservation Cost Recovery account.

**PROGRAM TITLE:**

Low Income Program

**PROGRAM DESCRIPTION:**

The Low Income Energy Outreach Program is an educational program designed to enhance the effectiveness of existing weatherization programs for low-income households. FPUC's Low Income Energy Outreach Program partners with Department of Economic Opportunity approved Low Income Weatherization Program operators by offering Residential Energy Surveys scheduled by the Low Income Weatherization Program operators, weatherization contractor training, distributing energy efficiency educational literature to participants, and hosting energy conservation events customized for low income households.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2021, fiscal expenditures are projected to be \$6,100.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020 actual expenditures were \$862. For July 2020 through December 2020 the projected expenses as filed are \$3,050.

**PROGRAM SUMMARY:**

The main purpose of the Low Income Energy Outreach Program is to ensure that low income households are implementing all the necessary energy efficiency measures available. FPUC believes that by working with Weatherization Program operators, it is not only offering a valuable service to its Low Income residents, but that much needed thermal efficiency and weatherization improvements will be made. COVID-19 may have an impact on this program.

**PROGRAM TITLE:**

Commercial Reflective Roof Program

**PROGRAM DESCRIPTION:**

The Commercial Reflective Roof Program is a new program that provides rebates to non-residential customers that either convert their existing roof to a cool roof or install a new cool roof on an existing building or a new building. The rebate covers up to 25% of the incremental cost of providing the cool roof compared to a standard roof. Rebates will be \$0.075 per sqft for new roofs on new or existing facilities and \$0.325 per sqft for roofs converting to a cool roof. Roofing material must be Energy Star certified in all cases. The program will reduce energy and demand required for cooling. Participation rates are measured per 1000 sq. ft. of roof. FPUC will work with roofing contractors to promote the program in a manner similar to the Residential and Commercial Heating & Cooling Upgrade Programs. The roofing contractors will provide copies of their proposal to provide roofing services for FPUC's customers. FPUC will inspect the roof before work begins and after the work is completed. FPUC will make the determination of which level of rebate will apply to the project and that the project qualifies for a rebate by using Energy Star certified materials.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2021, the Company estimates that 10 Commercial Reflective Roof allowances will be paid. Fiscal expenditures for 2021 are projected to be \$15,350.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020, 0 commercial roofing rebates was paid and actual expenditures were \$3,253. We estimate that 5 commercial roofing rebates will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$7,350. For July 2020 through December 2020, the goal for the number of program participants is 10.

**PROGRAM SUMMARY:**

The program started upon approval of FPUC's 2015 DSM Plan and Program Standards. We feel confident that by advertising the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will begin to receive participants in this program.

**PROGRAM TITLE:**

Commercial Energy Consultation Program

**PROGRAM DESCRIPTION:**

The Florida Public Utilities Company Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial DSM programs to commercial customers. This program allows for 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 customer about FPUC's commercial online energy efficiency resources and tools.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2021, fiscal expenditures are projected to be \$8,300.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2020 through June 2020 3 commercial consultations were completed. The actual expenditures were \$2,137. For July 2020 through December 2020 the projected expenses as filed are \$5,650. The goal for the program is 10 participants.

**PROGRAM SUMMARY:**

In recent research of commercial/industrial customers, consistent response for areas of improvement from this class of customer include individualized attention and service in helping them improve their cost of operation and efficiency. We have built trusting relationships with many of these customers by offering education on new technologies and by offering expertise in energy conservation. This work will continue to benefit FPUC and its rate payers. COVID-19 has limited our ability to go into a business from early March through the end of 2020.