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August 10, 2018

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

RE: Energy Conservation Cost Recovery Clause  
Docket No. 20180002-EG

Dear Ms. Stauffer:

Attached for official filing in the above-referenced docket are the following:

1. The Petition of Gulf Power Company.
2. Prepared Direct Testimony and Exhibit of John N. Floyd.

Pursuant to the Order Establishing Procedure in this docket, electronic copies of exhibit JNF-2 will be provided to the parties under separate cover.

Sincerely,

A handwritten signature in blue ink that reads "Rhonda J. Alexander".

Rhonda J. Alexander  
Regulatory, Forecasting and Pricing Manager

md

#### Attachments

cc: Florida Public Service Commission  
Margo DuVal, Sr Attorney, Office of the General Counsel (5 copies)  
Gulf Power Company  
Jeffrey A. Stone, Esq., General Counsel  
Beggs & Lane  
Russell Badders, Esq.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Conservation Cost Recovery )  
 ) Docket No.: 20180002-EG  
 ) Filed: August 10, 2018  
 )

**PETITION OF GULF POWER COMPANY FOR APPROVAL OF  
THE FINAL CONSERVATION COST RECOVERY TRUE-UP AMOUNTS  
FOR JANUARY 2017 THROUGH DECEMBER 2017;  
ESTIMATED CONSERVATION COST RECOVERY TRUE-UP AMOUNTS  
FOR JANUARY 2018 THROUGH DECEMBER 2018;  
PROJECTED CONSERVATION COST RECOVERY AMOUNTS  
FOR JANUARY 2019 THROUGH DECEMBER 2019; AND  
THE CONSERVATION COST RECOVERY FACTORS TO BE APPLIED BEGINNING  
WITH THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019**

Notices and communications with respect to this Petition and docket should be addressed to:

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GULF POWER COMPANY ("Gulf Power", "Gulf", or "the Company"), by and through its undersigned attorneys, and pursuant to section 366.82, Florida Statutes, and Rule 25-17.015, Florida Administrative Code, hereby petitions the Florida Public Service Commission for recovery of the final conservation cost recovery true-up amounts for January 2017 through December 2017; for approval of its estimated energy conservation true-up amounts for the period January 2018 through December 2018; for approval of the projected energy conservation cost amounts for the period January 2019 through December 2019; and for approval of the proposed energy conservation cost recovery factors to be applied beginning with the period January 2019 through December 2019.

In support thereof, the Company would respectfully show:

1. Gulf is a corporation with its headquarters located at 500 Bayfront Parkway, Pensacola, Florida 32520. The Company is an investor-owned electric utility operating under the jurisdiction of this Commission.
2. Pursuant to section 366.82, Florida Statutes, Gulf's energy conservation programs and goals have been approved and adopted by order of this Commission. The implementation of these programs has resulted in certain reasonable and prudent un-reimbursed costs incurred or to be incurred which the Company hereby petitions to be recovered through its rates and charges pursuant to Rule 25-17.015, F.A.C., and the orders and procedures of this Commission.
3. Incorporated by reference into this Petition is the testimony and exhibit of John N. Floyd, submitted in May 2018 and the testimony and exhibits of John N. Floyd filed concurrently with this Petition.<sup>1</sup> Mr. Floyd's composite exhibits present reports of Gulf's

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<sup>1</sup> The composite exhibit attached to Mr. Floyd's May 2018 testimony contains the Company's CT schedules for the twelve-month period ending December 2017. The composite exhibit attached to Mr. Floyd's August 2018 testimony contains the Company's C schedules for the twelve-month period ending December 2017 and includes data related to the current period January through June 2018, actual and July through December 2018, estimated.

various programs and incorporate the appropriate and necessary data and information to show the energy conservation cost calculations projected for the period January 2019 through December 2019 and the appropriate true-up adjustment to be applied based on actual data through June 2018 and estimated data for the remainder of the period through December 2018.

4. The final conservation cost recovery true-up amounts were filed with the Commission in May 2018 as shown on Schedule CT-1. The final true-up amount for the period January 2017 through December 2017, as presented in the testimony and exhibit of Mr. Floyd filed in May 2018, is an over recovery of \$43,106 which amount is hereby submitted for approval by the Commission to be included in the calculation of the conservation cost recovery factors for the next period.

5. Gulf has calculated its estimated true-up amount for the period ending December 2018 to be an over recovery of \$1,968,828. This amount, together with the final true-up amount, is hereby submitted for approval by the Commission to be included in the calculation of the conservation cost recovery factors for the next period.

6. Gulf projects recoverable expenditures of \$12,776,473, including true-up amounts and revenue taxes, for its approved conservation programs during the twelve-month period beginning January 2019 and ending December 2019.

7. Gulf projects that its retail energy sales during the period January 2019 through December 2019 will be 10,769,567,000 kilowatt hours (kWh).

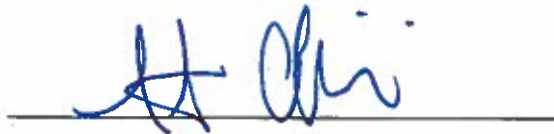
8. On the basis of the final true-up for the period January 2017 through December 2017, the estimated true-up for the period January 2018 through December 2018, the cost

projections for the period January 2019 through December 2019, and proper consideration of both projected kWh sales and the adjustment for revenue taxes, the Company's proposed conservation cost recovery factors by customer class for the period January 2019 through December 2019 are as follows:

<b>RATE CLASS</b>	<b>CONSERVATION COST RECOVERY FACTORS ¢/kWh</b>
RS	0.125
RSVP Tier 1	(3.000)
RSVP Tier 2	(0.926)
RSVP Tier 3	7.591
RSVP Tier 4	66.400
RSTOU On-peak	17.100
RSTOU Off-peak	(3.194)
RSTOU Critical Peak Credit	\$5.00 per event
GS	0.121
GSD, GSDT, GSTOU	0.116
LP, LPT	0.111
LPT-CPO On-Peak	(\$4.89) per kW
LPT-CPO Critical	\$58.68 per kW
PX, PXT, RTP, SBS	0.109
OSI, OSII	0.092
OSIII	0.108
CL Credit	\$5.57 per kW

**WHEREFORE**, Gulf Power Company respectfully requests the Commission to authorize the Company to recover its un-reimbursed costs reasonably and prudently incurred in accordance with this petition and thereby approve the final conservation cost recovery true-up amounts for the period January 2017 through December 2017, the estimated conservation cost recovery true-up amounts for January 2018 through December 2018, the projected conservation cost recovery amounts for January 2019 through December 2019; and the conservation cost recovery factors, to be applied beginning with the period January 2019 through December 2019.

Dated this 10<sup>th</sup> day of August, 2018.



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Florida Bar No. 0627569  
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**Attorneys for Gulf Power**

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**ENERGY CONSERVATION COST  
RECOVERY CLAUSE**

**Docket No. 20180002-EG**

**PREPARED DIRECT TESTIMONY  
AND EXHIBITS OF**

**JOHN N. FLOYD**

**PROJECTION  
JANUARY 2019 – DECEMBER 2019**

**ESTIMATED ACTUAL TRUE-UP FILING  
JANUARY 2018 – DECEMBER 2018**

**AUGUST 10, 2018**



**Gulf Power**

1 GULF POWER COMPANY

2 Before the Florida Public Service Commission  
3 Prepared Direct Testimony of  
4 John N. Floyd  
5 Docket No. 20180002-EG  
6 Energy Conservation Cost Recovery Clause  
7 August 10, 2018

8 Q. Will you please state your name, business address, employer and  
9 position?

10 A. My name is John N. Floyd, and my business address is One Energy  
11 Place, Pensacola, Florida 32520. I am employed by Gulf Power Company  
12 as the Energy Efficiency and Renewables Manager.

13 Q. Mr. Floyd, please describe your educational background and business  
14 experience.

15 A. I received a Bachelor Degree in Electrical Engineering from Auburn  
16 University in 1985. After serving four years in the U.S. Air Force, I began  
17 my career in the electric utility industry at Gulf Power in 1990 and have  
18 held various positions with the Company in Power Generation, Metering,  
19 Power Delivery and Marketing. In my present position, I am responsible  
20 for the development and implementation of Gulf's customer program  
21 offerings associated with the Company's Demand-Side Management  
22 (DSM) Plan.  
23  
24  
25



1 Q. Mr. Floyd, for what purpose are you appearing before this Commission  
2 today?

3 A. I am testifying before this Commission on behalf of Gulf Power to address  
4 matters related to the Energy Conservation Cost Recovery (ECCR)  
5 Clause and to answer any questions concerning the calculation of  
6 recoverable conservation costs in this filing. Specifically, I will address  
7 projections for approved programs during the January 2019 through  
8 December 2019 recovery period and the anticipated results of those  
9 programs during the current recovery period, January 2018 through  
10 December 2018 (six months actual, six months estimated).

11

12 Q. Have you prepared exhibits that contain information to which you will refer  
13 in your testimony?

14 A. Yes. My exhibit consists of six schedules, each of which was prepared  
15 under my direction, supervision, or review.

16 Counsel: We ask that Mr. Floyd's exhibits  
17 consisting of six schedules be marked as  
18 Exhibit No. \_\_\_\_ (JNF-2).

19

20

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25

1 Q. Would you summarize for this Commission the deviations resulting from  
2 the actual costs for January 2018 through June 2018 of the current  
3 recovery period?

4 A. Projected expenses for the first six months of the current period were  
5 \$7,416,770 compared to actual expenses of \$5,622,232 for a difference of  
6 \$1,794,538 or 24% under budget. A detailed summary of all program  
7 expenses is contained in my Schedule C-3, pages 1 and 2, and my  
8 Schedule C-5.

9

10 Q. Did you project expenses for the period July 2018 through December  
11 2018?

12 A. Yes. A detailed summary of those projections can be found in my  
13 Schedule C-3.

14

15 Q. How do the estimated expenses compare to projected expenses included  
16 in the 2018 Projection filing for the period July – December 2018?

17 A. Estimated expenses for the period July – December 2018 of \$6,525,010  
18 are \$570,282 or 8% less than the projected expenses for that same period  
19 of \$7,095,292.

20

21 Q. Have you provided a description of Gulf's DSM program results achieved  
22 during the period, January 2018 through June 2018?

23 A. Yes. A detailed summary of year-to-date results for each program is  
24 contained in my Schedule C-5.

25

1 Q. Would you summarize the conservation program cost projections for the  
2 January 2019 through December 2019 recovery period?

3 A. Yes. Program costs for the projection period are estimated to be  
4 \$14,779,215. These costs are broken down as follows: depreciation,  
5 return on investment and property taxes, \$3,348,704; payroll/benefits,  
6 \$3,611,612; materials/expenses, \$5,457,277; advertising, \$612,364; and  
7 incentives, \$1,749,258. More detail concerning these projections is  
8 contained in my Schedule C-2.

9

10 Q. Are the Company's projected expenses for the January 2019 through  
11 December 2019 period reasonable and appropriate for cost recovery?

12 A. Yes. Gulf continually evaluates the resources necessary to deliver the  
13 DSM Plan and all of its components in order to meet the Company's DSM  
14 goals. With the current level of goals, Gulf has carefully considered the  
15 appropriate level of resources necessary to achieve the goals.

16

17 Q. What is the basis for Gulf's conservation program cost projections for the  
18 January 2019 through December 2019 recovery period?

19 A. These projections are based on program cost estimates associated with  
20 Gulf's 2015 DSM Plan approved on August 19, 2015, in Florida Public  
21 Service Commission (FPSC or Commission) Order No. PSC-2015-0330-  
22 PAA-EG.

23

24

25

1 Q. Would you describe the expected results for your programs during the  
2 January 2019 through December 2019 recovery period?

3 A. Program details, including expected results, for the period January 2019  
4 through December 2019 can be found in my Schedule C-5.  
5

6 Q. Are there any new programs included in this filing?

7 A. Yes. In March 2018, the Commission approved the experimental  
8 Curtailable Load (CL) program as part of the Company's Demand-Side  
9 Management Plan in Order No. PSC-2018-0159-PAA-EI. This rider was  
10 filed to fulfill a commitment of Gulf's Stipulation and Settlement Agreement  
11 approved by the Commission in Order No. PSC-2017-0178-S-EI in  
12 consolidated Docket Nos. 20160186-EI and 20160170-EI dated May 16,  
13 2017.  
14

15 Q. Are expenses for this program projected for the period July through  
16 December 2018?

17 A. No. At this time the Company does not expect any customers to elect the  
18 CL Rider during 2018.  
19

20 Q. Are expenses for this program projected for the period January through  
21 December 2019?

22 A. Yes. Gulf anticipates customer participation in this program during the  
23 2019 recovery period and has, therefore, projected recoverable expenses  
24 as provided in Schedule C-3.  
25

1 Q. Is the CL credit projected to change from the currently approved rate  
2 during the recovery period?

3 A. Yes. Beginning in January 2019, the CL credit for newly subscribed  
4 qualifying capacity will increase to \$5.57 per kW.

5

6 Q. Why is the CL Credit changing from the current amount?

7 A. The CL Credit is based on the value of avoidable capacity associated with  
8 the Company's next planned generating unit. For the current planning  
9 period, this unit is a combined cycle unit scheduled to be in service in  
10 2024. Consequently, the CL credit is being adjusted to correspond with  
11 the type and timing of this unit.

12

13 Q. What is the impact in total dollars and to the Residential ECCR rate for  
14 this program?

15 A. The projected 2019 net impact of this new experimental rider is an  
16 increase of \$141,000. This calculated impact is based on projected  
17 customer participation in the CL program offset by reduced expenses in  
18 the Company's Critical Peak Option (CPO) program, from which  
19 customers participating in the CL program are projected to switch. The  
20 resulting net impact to the Residential ECCR rate is \$0.00002 or \$0.02 per  
21 1,000 kWh. Additional customer participation in the program would impact  
22 annual expenses by \$5.57 per kW of qualifying capacity per month.

23

24

25

1 Q. Are any other programs impacted by this change in the next planned  
2 generating unit?

3 A. Yes. The Large Power Time of Use (LPT) Critical Peak Option (CPO) On-  
4 Peak Demand Credit and the Critical Peak Demand Charge will also be  
5 updated as a result of this change.

6  
7 Q. What will the recoverable CPO rates be in 2019?

8 A. Beginning January 2019, the On-Peak Demand Credit will equal \$4.89 per  
9 kW of On-Peak billing demand, and the Critical Peak Demand Charge will  
10 equal \$58.68 per kW of Critical Peak billing demand.

11

12 Q. What is the total proposed 2019 factor for Rate Schedule RS and what will  
13 be the charge for a 1,000 kWh monthly bill on Gulf Power's Rate Schedule  
14 RS?

15 A. The proposed Energy Conservation Cost Recovery factor for Rate  
16 Schedule RS is .125 cents per kWh, which results in a charge of \$1.25 on  
17 a 1,000 kWh monthly bill on Gulf Power's Rate Schedule RS.

18

19 Q. When does Gulf propose to collect these Energy Conservation Cost  
20 Recovery charges?

21 A. The factors will be effective beginning with the first bill group for January  
22 2019 and continue through the last bill group for December 2019.

23

24 Q. Mr. Floyd, does this conclude your testimony?

25 A. Yes, it does.

AFFIDAVIT

STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA )

Docket No. 20180002-EG

Before me the undersigned authority, personally appeared John N. Floyd, who being first duly sworn, deposes, and says that he is the Marketing Service and Compliance Manager of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.



John N. Floyd  
Marketing Service and Compliance Manager

Sworn to and subscribed before me this 10<sup>th</sup> day of August, 2018.

  
Notary Public, State of Florida at Large



MELISSA DARNES  
MY COMMISSION # FF 912698  
EXPIRES: December 17, 2019  
Bonded Thru Budget Notary Services

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY CLAUSE  
INDEX OF SCHEDULES

Schedule Number	Title	Pages
C-1	Summary of Cost Recovery Clause Calculation	2-4
C-2	Projected Program Costs for January 2019 - December 2019	5-7
C-3	Conservation Program Costs for January 2018 - June 2018 Actual July 2018 - December 2018 Estimated	8-13
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C-5	Program Descriptions and Progress Reports	15-33
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GULF POWER COMPANY  
 ENERGY CONSERVATION CLAUSE  
 SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION  
 For the Period: January, 2019 Through December, 2019

		\$
1.	Net Program Costs: Projected for 2019 (Schedule C-2 Page 2 of 3, Line 17)	14,779,215
2.	True Up: Estimated 2018 (Jan-Jun Actual; Jul-Dec Est.) (Schedule C-3, Page 3 of 5, Line 11)	(2,011,934)
3.	Total (Line 1 + Line 2)	12,767,281
4.	Cost Subject to Revenue Taxes	12,767,281
5.	Revenue Tax	1.00072
6.	Total Recoverable Cost	12,776,473

Program costs are split in proportion to the current period split of demand-related and energy-related costs, see below. The allocation of projected ECCR costs between demand and energy is shown on schedule C-2, page 2 of 3, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

7.	Total Cost	12,776,473
8.	Energy Related Costs	8,957,827
9.	Demand Related Costs (total)	3,818,646
10.	Demand Costs Allocated on 12 CP	3,524,904
11.	Demand Costs Allocated on 1/13 th	293,742

	Energy \$	* Demand \$	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes	
	\$	\$	\$	\$	\$	\$	
12.	Est/Actual 2018	9,039,589	3,107,652	12,147,241	(1,498,295)	(515,088)	(2,013,383)
13.	Percentage	74.42%	25.58%	100.00%			
14.	Projected 2019	10,448,599	4,330,616	14,779,215	10,456,122	4,333,734	14,789,856
15.	Percentage	70.70%	29.30%	100.00%			
16.	Total			8,957,827	3,818,646	12,776,473	

\* Note: Demand dollars are half of Energy Select, all of Critical Peak Option and all of Curtailable Load.

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY FACTORS  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
For the Period: January, 2019 Through December, 2019

Rate Class	A	B	C	D	E	F	G	H	I
	Average 12 CP Load Factor at Meter	Jan - Dec 2019 Projected KWH Sales at Meter	Projected Avg 12 CP KW at Meter	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Jan - Dec 2019 Projected KWH Sales at Generation	Projected Avg 12 CP KW at Generation	Jan - Dec 2019 Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation
RS, RSVP, RSTOU	57.542346%	5,300,092,000	1,051,458	1.00609343	1.00559591	5,329,750,838	1,057,865	49.48355%	57.36917%
GS	63.463164%	299,818,000	53,930	1.00608241	1.00559477	301,495,413	54,258	2.79920%	2.94248%
GSD, GSDT, GSTOU	73.488079%	2,546,024,000	395,495	1.00590017	1.00544671	2,559,891,454	397,829	23.76706%	21.57471%
LP, LPT	82.760718%	828,364,000	114,260	0.98747379	0.99210885	821,827,255	112,828	7.63017%	6.11881%
PX, PXT, RTP, SBS	85.375300%	1,642,739,000	219,651	0.96884429	0.97666479	1,604,405,340	212,807	14.89594%	11.54077%
OS - I / II	416.652542%	104,912,000	2,874	1.00619545	1.00560119	105,499,632	2,892	0.97950%	0.15685%
OS-III	99.799021%	47,618,000	5,447	1.00617773	1.00558881	47,884,128	5,480	0.44458%	0.29721%
<b>TOTAL</b>		<b>10,769,567,000</b>	<b>1,843,115</b>			<b>10,770,754,060</b>	<b>1,843,960</b>	<b>100.00000%</b>	<b>100.00000%</b>

**Notes:**  
Column A = Average 12 CP load factor based on actual 2015 load research data.  
Column C = Column B / (8760 hours x Column A), 8,760 is the number of hours in 12 months.  
Column F = Column B x Column E  
Column G = Column C x Column D  
Column H = Column F / Total Column F  
Column I = Column G / Total Column G

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY FACTORS  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
For the Period: January, 2019 Through December, 2019

Rate Class	A Jan - Dec 2019 Percentage of KWH Sales at Generation	B Percentage of 12 CP KW Demand at Generation	C Demand Allocation 12CP	D 1/13 th	E Energy Allocation	F Total Conservation Costs	G Jan - Dec 2019 Projected KWH Sales at Meter	H Conservation Recovery Factor cents per KWH
RS, RSVP, RSTOU	49.48355%	57.36917%	\$2,022,208	\$145,354	\$4,432,651	\$6,600,213	5,300,092,000	0.125
GS	2.79920%	2.94248%	103,720	8,222	250,747	362,689	299,818,000	0.121
GSD, GSDT, GSTOU	23.76706%	21.57471%	760,488	69,814	2,129,012	2,959,314	2,546,024,000	0.116
LP, LPT	7.63017%	6.11881%	215,682	22,413	683,497	921,592	828,364,000	0.111
PX, PXT, RTP, SBS	14.89594%	11.54077%	406,801	43,756	1,334,353	1,784,910	1,642,739,000	0.109
OS - I / II	0.97950%	0.15685%	5,529	2,877	87,742	96,148	104,912,000	0.092
OS-III	0.44458%	0.29721%	10,476	1,306	39,825	51,607	47,618,000	0.108
<b>TOTAL</b>	<b>100.00000%</b>	<b>100.00000%</b>	<b>\$3,524,904</b>	<b>\$293,742</b>	<b>\$8,957,827</b>	<b>\$12,776,473</b>	<b>10,769,567,000</b>	

**Notes:**

- A Obtained from Schedule C-1, page 2 of 3, column H
- B Obtained from Schedule C-1, page 2 of 3, column I
- C Total from C-1, page 1, line 10 \* column B
- D Total from C-1, page 1, line 11 \* column A
- E Total from C-1, page 1, line 8 \* column A
- F Sum of Columns C, D and E
- G Projected kWh sales for the period January 2018 through December 2018
- H Column F / G

**GULF POWER COMPANY**  
**ENERGY CONSERVATION CLAUSE**  
**PROJECTED CONSERVATION PROGRAM NET COSTS**  
 For the Period: January, 2019 Through December, 2019

Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
<b>Residential Conservation Programs:</b>									
1. Residential Energy Audit and Education	0	923,306	397,101	0	329,677	0	1,650,084	0	1,650,084
2. Community Energy Saver	0	124,173	735,792	0	0	0	859,965	0	859,965
3. Residential Custom Incentive	0	28,433	51,091	0	0	50,000	129,524	0	129,524
4. HVAC Efficiency	0	280,235	1,068,938	0	0	565,000	1,914,173	0	1,914,173
5. Residential Building Efficiency	0	210,348	96,823	0	0	197,000	504,171	0	504,171
6. Energy Select	3,348,704	1,072,566	2,551,759	0	282,687	0	7,255,716	0	7,255,716
<b>Subtotal</b>	<b>3,348,704</b>	<b>2,639,061</b>	<b>4,901,504</b>	<b>0</b>	<b>612,364</b>	<b>812,000</b>	<b>12,313,633</b>	<b>0</b>	<b>12,313,633</b>
<b>Commercial / Industrial Conservation Programs:</b>									
7. Commercial / Industrial Audit	0	467,265	131,697	0	0	0	598,962	0	598,962
8. HVAC Retrocommissioning	0	93,712	68,777	0	0	25,000	187,489	0	187,489
9. Commercial Building Efficiency	0	266,760	112,182	0	0	177,500	556,442	0	556,442
10. Commercial / Industrial Custom Incentive	0	41,168	28,763	0	0	50,000	119,931	0	119,931
<b>Subtotal</b>	<b>0</b>	<b>868,905</b>	<b>341,419</b>	<b>0</b>	<b>0</b>	<b>252,500</b>	<b>1,462,824</b>	<b>0</b>	<b>1,462,824</b>
11. Residential Time of Use Rate Pilot	0	7,662	35,338	0	0	7,000	50,000	0	50,000
12. Conservation Demonstration and Development	0	95,984	154,016	0	0	0	250,000	0	250,000
13. Critical Peak Option	0	0	0	0	0	0	0	0	0
14. Curtailable Load	0	0	25,000	0	0	677,758	702,758	0	702,758
15. Total All Programs	3,348,704	3,611,612	5,457,277	0	612,364	1,749,258	14,779,215	0	14,779,215
16. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
17. Net Program Costs	3,348,704	3,611,612	5,457,277	0	612,364	1,749,258	14,779,215	0	14,779,215

GULF POWER COMPANY  
 ENERGY CONSERVATION CLAUSE  
 PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)  
 For the Period: January, 2019 Through December, 2019

Programs	12 MONTH TOTAL												ENERGY COSTS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		DEMAND COSTS
<b>Residential Conservation Programs:</b>														
1. Residential Energy Audit and Education	94,752	101,068	234,013	141,778	144,308	144,359	97,805	278,604	113,222	103,377	99,829	96,969	1,650,084	1,650,084
2. Community Energy Saver	69,422	73,010	75,219	73,465	71,103	72,554	69,687	75,089	69,770	70,220	69,463	70,963	859,965	859,965
3. Residential Custom Incentive	9,806	10,856	12,682	11,412	13,426	11,468	12,909	12,621	7,478	13,440	6,429	6,997	129,524	129,524
4. HVAC Efficiency	180,306	171,926	182,856	172,172	173,222	148,706	174,900	184,124	129,315	133,458	127,422	135,766	1,914,173	1,914,173
5. Residential Building Efficiency	39,497	39,979	49,664	40,253	40,936	41,560	40,949	49,213	41,094	40,467	40,154	40,405	504,171	504,171
6. Energy Select	552,937	626,103	641,642	604,373	624,409	570,226	569,015	704,108	574,342	583,125	631,430	574,006	3,627,858	3,627,858
<b>Subtotal</b>	<b>946,720</b>	<b>1,022,942</b>	<b>1,196,076</b>	<b>1,043,453</b>	<b>1,067,404</b>	<b>988,673</b>	<b>965,265</b>	<b>1,303,759</b>	<b>935,221</b>	<b>944,087</b>	<b>974,727</b>	<b>925,106</b>	<b>12,313,633</b>	<b>12,313,633</b>
<b>Commercial / Industrial Conservation Programs:</b>														
7. Commercial / Industrial Audit	44,998	45,703	66,750	46,365	47,786	47,531	46,648	65,710	46,704	46,517	46,547	47,703	598,962	598,962
8. HVAC Retrocommissioning	14,986	13,431	18,296	15,201	14,415	16,773	15,184	20,841	13,067	19,194	12,940	13,161	187,489	187,489
9. Commercial Building Efficiency	40,361	40,407	62,152	45,037	79,317	33,678	50,913	67,789	35,491	32,796	32,551	35,950	556,442	556,442
10. Commercial / Industrial Custom Incentive	8,934	9,966	12,267	10,554	12,565	10,583	12,049	12,224	6,589	12,561	5,555	6,084	119,931	119,931
<b>Subtotal</b>	<b>109,279</b>	<b>109,507</b>	<b>159,465</b>	<b>117,157</b>	<b>154,083</b>	<b>108,565</b>	<b>124,794</b>	<b>166,564</b>	<b>101,851</b>	<b>111,068</b>	<b>97,593</b>	<b>102,898</b>	<b>1,462,824</b>	<b>1,462,824</b>
<b>11. Residential Time of Use Rate Pilot</b>	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	50,000	50,000
<b>12. Conservation Demonstration and Development</b>	20,637	18,098	22,563	20,758	20,762	20,761	20,755	22,491	20,821	20,768	20,777	20,809	250,000	250,000
<b>13. Critical Peak Option</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>14. Curtailable Load</b>	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	702,758	702,758
<b>15. Total All Programs</b>	<b>1,139,366</b>	<b>1,213,277</b>	<b>1,440,834</b>	<b>1,244,098</b>	<b>1,304,979</b>	<b>1,180,929</b>	<b>1,173,544</b>	<b>1,555,544</b>	<b>1,120,623</b>	<b>1,138,653</b>	<b>1,155,827</b>	<b>1,111,543</b>	<b>14,779,215</b>	<b>14,779,215</b>
<b>16. Less: Base Rate Recovery</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>17. Net Program Costs</b>	<b>1,139,366</b>	<b>1,213,277</b>	<b>1,440,834</b>	<b>1,244,098</b>	<b>1,304,979</b>	<b>1,180,929</b>	<b>1,173,544</b>	<b>1,555,544</b>	<b>1,120,623</b>	<b>1,138,653</b>	<b>1,155,827</b>	<b>1,111,543</b>	<b>14,779,215</b>	<b>14,779,215</b>

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
Energy Select

For the Period: January, 2019 Through December, 2019

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		122,457	122,652	122,846	123,041	123,235	141,337	159,439	159,634	159,828	160,023	142,309	124,596	
2.	Depreciation Base	17,612,245	17,734,702	17,857,354	17,980,201	18,103,241	18,226,476	18,367,814	18,527,253	18,686,887	18,846,715	19,006,738	19,149,047	19,273,643	
3.	Depreciation Expense (A)		116,241	117,049	117,859	118,669	119,481	120,295	121,228	122,280	123,333	124,388	125,444	126,384	1,452,651
4.	Cumulative Plant in Service Additions	17,612,245	17,734,702	17,857,354	17,980,201	18,103,241	18,226,476	18,367,814	18,527,253	18,686,887	18,846,715	19,006,738	19,149,047	19,273,643	
5.	Salvage, Cost of Removal and Retirement		0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Less: Accumulated Depreciation	(6,479,222)	(6,362,981)	(6,245,932)	(6,128,073)	(6,009,404)	(5,889,923)	(5,769,628)	(5,648,400)	(5,526,120)	(5,402,787)	(5,278,399)	(5,152,955)	(5,026,571)	
7.	Net Plant in Service (Line 4 - 6)	24,091,467	24,097,683	24,103,286	24,108,273	24,112,645	24,116,399	24,137,441	24,175,653	24,213,007	24,249,502	24,285,137	24,302,002	24,300,214	
8.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Inventory	921,690	872,532	1,026,082	976,924	927,765	878,607	817,532	744,539	947,967	874,975	801,982	740,907	967,387	
11.	Net Investment (Line 7 + 9 + 10)	25,013,157	24,970,215	25,129,368	25,085,197	25,040,410	24,995,006	24,954,973	24,920,192	25,160,974	25,124,477	25,087,119	25,042,909	25,267,601	
12.	Average Net Investment		24,991,686	25,049,791	25,107,282	25,062,804	25,017,708	24,974,990	24,937,583	25,040,583	25,142,725	25,105,798	25,065,014	25,155,255	
13.	Rate of Return / 12 (Including Income Taxes) (B)		0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763
14.	Return Requirement on Average Net Investment		144,027	144,362	144,693	144,437	144,177	143,931	143,715	144,309	144,898	144,685	144,450	144,970	1,732,654
15.	Property Taxes		13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,612	163,399
16.	Total Depreciation, Return and Property Taxes (Line 3+14+15)		273,885	275,028	276,169	276,723	277,275	277,843	278,560	280,206	281,848	282,690	283,511	284,966	3,348,704

Notes:  
(A) Energy Select Property Additions Depreciated at 7.9% per year.  
(B) Revenue Requirement Return (includes Income Taxes) is 6.9158%.

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
CONSERVATION PROGRAM NET COST  
January, 2018 Through June, 2018, Actual  
July, 2018 Through December 2018, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
<b>Residential Conservation Programs:</b>									
1.	Residential Energy Audit and Education								
a.	0.00	648,180.37	108,108.94	0.00	58,080.87	0.00	814,370.18	0.00	814,370.18
b.	0.00	648,180.00	175,000.00	0.00	180,000.00	0.00	1,003,180.00	0.00	1,003,180.00
c.	0.00	1,296,360.37	283,108.94	0.00	238,080.87	0.00	1,817,550.18	0.00	1,817,550.18
2.	Community Energy Saver								
a.	0.00	66,968.78	335,036.79	0.00	0.00	0.00	402,005.57	0.00	402,005.57
b.	0.00	66,969.00	362,347.00	0.00	0.00	0.00	429,316.00	0.00	429,316.00
c.	0.00	133,937.78	697,383.79	0.00	0.00	0.00	831,321.57	0.00	831,321.57
3.	Residential Custom Incentive								
a.	0.00	28,809.97	2,932.01	0.00	0.00	0.00	31,741.98	0.00	31,741.98
b.	0.00	28,810.00	28,431.00	0.00	0.00	10,000.00	67,241.00	0.00	67,241.00
c.	0.00	57,619.97	31,363.01	0.00	0.00	10,000.00	98,982.98	0.00	98,982.98
4.	HVAC Efficiency								
a.	0.00	133,473.63	254,224.00	0.00	0.00	57,511.00	445,208.63	0.00	445,208.63
b.	0.00	133,474.00	435,895.00	0.00	0.00	131,750.00	701,119.00	0.00	701,119.00
c.	0.00	266,947.63	690,119.00	0.00	0.00	189,261.00	1,146,327.63	0.00	1,146,327.63
5.	Residential Building Efficiency								
a.	0.00	130,338.44	21,747.52	0.00	0.00	48,516.50	200,602.46	0.00	200,602.46
b.	0.00	130,338.00	50,341.00	0.00	0.00	78,225.00	258,904.00	0.00	258,904.00
c.	0.00	260,676.44	72,088.52	0.00	0.00	126,741.50	459,506.46	0.00	459,506.46
6.	Energy Select								
a.	1,621,439.59	385,410.74	942,792.82	0.00	91,606.24	0.00	3,041,249.39	0.00	3,041,249.39
b.	1,619,717.85	385,411.00	840,793.00	0.00	208,393.76	0.00	3,054,315.61	0.00	3,054,315.61
c.	3,241,157.44	770,821.74	1,783,585.82	0.00	300,000.00	0.00	6,095,565.00	0.00	6,095,565.00
<b>Commercial / Industrial Conservation Programs:</b>									
7.	Commercial / Industrial Energy Audit								
a.	0.00	318,494.44	31,011.51	0.00	0.00	0.00	349,505.95	0.00	349,505.95
b.	0.00	318,494.00	62,116.00	0.00	0.00	0.00	380,610.00	0.00	380,610.00
c.	0.00	636,988.44	93,127.51	0.00	0.00	0.00	730,115.95	0.00	730,115.95
8.	HVAC Retrocommissioning								
a.	0.00	49,564.35	13,727.65	0.00	0.00	3,970.00	67,262.00	0.00	67,262.00
b.	0.00	49,564.00	13,728.00	0.00	0.00	17,900.00	81,192.00	0.00	81,192.00
c.	0.00	99,128.35	27,455.65	0.00	0.00	21,870.00	148,454.00	0.00	148,454.00

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
CONSERVATION PROGRAM NET COST  
January, 2018 Through June, 2018, Actual  
July, 2018 Through December 2018, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
<b>Commercial / Industrial Conservation Programs Continued:</b>									
9.	<b>Commercial Building Efficiency</b>								
a. Actual	0.00	195,773.43	39,328.65	0.00	0.00	6,097.55	241,199.63	0.00	241,199.63
b. Estimated July through December	0.00	195,773.00	40,000.00	0.00	0.00	56,523.00	292,296.00	0.00	292,296.00
c. Total	0.00	391,546.43	79,328.65	0.00	0.00	62,620.55	533,495.63	0.00	533,495.63
10.	<b>Commercial / Industrial Custom Incentive</b>								
a. Actual	0.00	25,374.04	2,501.23	0.00	0.00	0.00	27,875.27	0.00	27,875.27
b. Estimated July through December	0.00	25,374.00	34,074.00	0.00	0.00	20,000.00	79,448.00	0.00	79,448.00
c. Total	0.00	50,748.04	36,575.23	0.00	0.00	20,000.00	107,323.27	0.00	107,323.27
11.	<b>Residential Time of Use Rate Pilot</b>								
a. Actual	0.00	21,722.74	4,339.57	0.00	0.00	2,153.45	28,215.76	0.00	28,215.76
b. Estimated July through December	0.00	20,223.00	3,001.00	0.00	0.00	1,124.19	24,348.19	0.00	24,348.19
c. Total	0.00	41,945.74	7,340.57	0.00	0.00	3,277.64	52,563.95	0.00	52,563.95
12.	<b>Conservation Demonstration and Development:</b>								
a. Tesla Powerwall Demand Response	0.00	5,924.39	9,597.84	0.00	0.00	0.00	15,522.23	0.00	15,522.23
b. Tesla Powerwall Demand Photovoltaic	0.00	5,924.38	14,769.22	0.00	0.00	0.00	20,693.60	0.00	20,693.60
c. Domestic Hot Water Analysis	0.00	5,924.38	252.32	0.00	0.00	0.00	6,176.70	0.00	6,176.70
d.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
f. Total Actual	0.00	17,773.15	24,619.38	0.00	0.00	0.00	42,392.53	0.00	42,392.53
h. Estimated July through December	0.00	17,773.00	6,000.00	0.00	0.00	0.00	23,773.00	0.00	23,773.00
i. Total	0.00	35,546.15	30,619.38	0.00	0.00	0.00	66,165.53	0.00	66,165.53
13.	<b>Critical Peak Option</b>								
a. Actual	0.00	0.00	0.00	0.00	0.00	(69,397.47)	(69,397.47)	0.00	(69,397.47)
b. Estimated July through December	0.00	0.00	0.00	0.00	0.00	129,266.70	129,266.70	0.00	129,266.70
c. Total	0.00	0.00	0.00	0.00	0.00	59,869.23	59,869.23	0.00	59,869.23
14. a. Actual	1,621,439.59	2,021,884.08	1,780,370.07	0.00	149,687.11	48,851.03	5,622,231.88	0.00	5,622,231.88
b. Estimated	1,619,717.85	2,020,383.00	2,051,726.00	0.00	388,393.76	444,788.89	6,525,009.50	0.00	6,525,009.50
15. Total All Programs	3,241,157.44	4,042,267.08	3,832,096.07	0.00	538,080.87	493,639.92	12,147,241.38	0.00	12,147,241.38





GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
ESTIMATED TRUE-UP

For the Period: January, 2018 through December, 2018

Conservation Revenues	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Energy Select Program Revenues	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Conservation Revenues	<u>1,584,300.49</u>	<u>780,843.24</u>	<u>781,178.76</u>	<u>825,137.23</u>	<u>1,219,409.25</u>	<u>1,445,537.85</u>	<u>1,568,282.92</u>	<u>1,551,982.77</u>	<u>1,325,423.62</u>	<u>1,098,960.36</u>	<u>965,708.86</u>	<u>1,090,608.34</u>	<u>14,237,923.69</u>
3. Total Revenues	1,584,300.49	780,843.24	781,178.76	825,137.23	1,219,409.25	1,445,537.85	1,568,282.92	1,551,932.77	1,325,423.62	1,098,960.36	965,708.86	1,090,608.34	14,237,323.69
4. Adjustment not Applicable to Period - Prior True Up	<u>(11,952.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(143,402.00)</u>
5. Conservation Revenues Applicable to Period	1,572,348.49	768,893.24	769,228.76	813,187.23	1,207,459.25	1,433,587.85	1,556,332.92	1,539,982.77	1,313,473.62	1,087,010.36	953,758.86	1,078,658.34	14,093,921.69
6. Conservation Expenses (Form C-3 Page 2 of 5)	<u>762,737.76</u>	<u>912,217.53</u>	<u>1,076,887.51</u>	<u>859,899.39</u>	<u>947,783.08</u>	<u>1,062,706.60</u>	<u>1,088,965.99</u>	<u>1,088,993.02</u>	<u>1,088,445.12</u>	<u>1,087,554.88</u>	<u>1,086,206.68</u>	<u>1,084,843.82</u>	<u>12,147,241.38</u>
7. True Up this Period (Line 5 minus Line 6)	809,610.73	(143,324.29)	(307,658.75)	(46,712.16)	259,676.17	370,881.25	467,366.93	450,989.75	225,028.50	(544.52)	(132,447.82)	(6,185.48)	1,946,680.31
8. Interest Provision this Period (C-3 Page 4 of 7, Line 10)	393.28	841.83	642.75	430.79	614.54	1,160.62	1,910.08	2,690.59	3,272.46	3,482.78	3,398.52	3,309.48	22,147.72
9. True Up & Interest Provision Beginning of Month	(100,295.78)	721,660.23	591,127.77	296,061.77	281,730.40	533,971.11	917,962.98	1,399,189.99	1,864,820.34	2,105,071.29	2,119,959.55	2,002,860.25	(100,295.78)
10. Prior True Up Collected or Refunded	<u>11,952.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>143,402.00</u>
11. End of Period- Net True Up	<u>721,660.23</u>	<u>591,127.77</u>	<u>296,061.77</u>	<u>261,730.40</u>	<u>533,971.11</u>	<u>917,962.98</u>	<u>1,399,189.99</u>	<u>1,864,820.34</u>	<u>2,105,071.29</u>	<u>2,119,959.55</u>	<u>2,002,860.25</u>	<u>2,011,934.25</u>	<u>2,011,934.25</u>

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
INTEREST CALCULATION

For the Period: January, 2018 through December, 2018

Interest Provision	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Beginning True up Amount	(100,295.78)	721,660.23	591,127.77	296,061.77	261,730.40	533,971.11	917,962.98	1,399,189.99	1,864,820.34	2,105,071.29	2,119,999.55	2,002,860.25	
2. Ending True up before Interest	721,266.95	590,285.94	295,419.02	261,299.61	533,356.57	916,802.36	1,397,279.91	1,862,129.75	2,101,798.83	2,116,476.77	1,999,461.73	2,008,624.77	
3. Total Beginning & Ending Balances	620,971.17	1,311,946.17	886,546.79	557,361.38	795,086.97	1,450,773.47	2,315,242.89	3,261,319.74	3,966,619.17	4,221,548.07	4,119,421.28	4,011,485.02	
4. Average True up Amount	310,485.59	655,973.09	443,273.40	278,680.69	397,543.49	725,386.74	1,157,621.45	1,630,659.87	1,983,309.58	2,110,774.03	2,059,710.64	2,005,742.51	
5. Interest Rate First Day Reporting Business Month	1.58	1.46	1.62	1.86	1.85	1.86	1.98	1.98	1.98	1.98	1.98	1.98	1.98
6. Interest Rate First Day Subsequent Business Month	1.46	1.62	1.86	1.85	1.86	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98
7. Total of Lines 5 and 6	3.04	3.08	3.48	3.71	3.71	3.84	3.96	3.96	3.96	3.96	3.96	3.96	3.96
8. Average Interest rate (50% of Line 7)	1.520	1.540	1.740	1.855	1.855	1.920	1.980	1.980	1.980	1.980	1.980	1.980	1.980
9. Monthly Average Interest Rate Line 8 / 12 months	0.001267	0.001283	0.001450	0.001546	0.001546	0.001600	0.001650	0.001650	0.001650	0.001650	0.001650	0.001650	0.001650
10. Interest Provision (line 4 X 9)	393.28	841.83	642.75	430.79	614.54	1,160.62	1,910.08	2,690.59	3,272.46	3,482.78	3,398.52	3,309.48	22,147.72

GULF POWER COMPANY  
 ENERGY CONSERVATION CLAUSE  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
 ENERGY SELECT  
 For the Period January, 2018 Through December, 2018

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1		75,729.91	127,609.98	119,101.95	56,912.69	58,441.98	81,791.00	154,868	155,062	155,257	155,451	137,738	120,025	
2	16,214,255.60	16,289,985.51	16,417,595.49	16,536,697.44	16,593,610.13	16,652,052.11	16,733,843.11	16,888,711.20	17,043,773.70	17,199,030.60	17,354,481.92	17,492,219.89	17,612,244.89	
3		107,014.09	107,513.90	108,356.13	109,142.20	109,517.83	109,903.54	110,443.36	111,465.49	112,488.91	113,513.60	114,539.58	115,448.65	1,329,347.28
4	16,214,255.60	16,289,985.51	16,417,595.49	16,536,697.44	16,593,610.13	16,652,052.11	16,733,843.11	16,888,711.20	17,043,773.70	17,199,030.60	17,354,481.92	17,492,219.89	17,612,244.89	
5		(16,694.75)	(143.22)	(11,592.97)	5,087.98	(19,787.13)	(22,163.27)	-	-	-	-	-	-	
6	(7,743,275.56)	(7,652,956.22)	(7,545,585.54)	(7,448,822.36)	(7,334,592.20)	(7,244,861.50)	(7,157,121.23)	(7,046,677.87)	(6,935,212.38)	(6,822,723.47)	(6,709,209.87)	(6,594,670.29)	(6,479,221.64)	
7	23,957,531.16	23,942,941.73	23,963,181.03	23,985,519.82	23,928,202.33	23,895,913.61	23,890,964.34	23,935,389.07	23,978,986.08	24,021,754.07	24,063,691.79	24,086,890.18	24,091,466.53	
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	790,297.91	794,002.50	739,559.87	757,308.88	764,639.90	736,878.66	919,771.47	765,107	896,312	824,809	753,306	693,721	921,690	
11	24,747,829.07	24,736,944.23	24,702,740.90	24,742,828.70	24,692,842.23	24,633,792.27	24,810,735.81	24,700,495.89	24,875,298.09	24,846,563.27	24,816,998.17	24,780,610.87	25,013,156.68	
12		24,742,386.65	24,719,842.57	24,722,784.80	24,717,835.47	24,663,317.25	24,722,264.04	24,755,615.85	24,787,896.99	24,860,930.68	24,831,780.72	24,798,804.52	24,896,883.77	
13		0.005978	0.005978	0.005978	0.005978	0.005978	0.005978	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	
14		147,909.99	147,775.22	147,792.81	147,763.22	147,437.31	147,789.69	142,666.61	142,852.65	143,273.54	143,105.55	142,915.51	143,480.74	1,744,762.84
15		13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	167,047.32
16		268,844.69	269,209.73	270,069.55	270,826.03	270,875.75	271,613.84	267,030.58	268,238.75	269,683.06	270,539.76	271,375.70	272,850.00	3,241,157.44

Notes:  
 (A) Energy Select Property Additions Depreciated at 7.9% per year.  
 (B) Revenue Requirement Return (includes Income Taxes) Is: Jan - June .5978%; Jul - Dec .5763%.

Schedule C-4  
Page 1 of 1

GULF POWER COMPANY  
CALCULATION OF CONSERVATION REVENUES  
For the Period: July, 2018 Through December, 2018

	<u>Month</u>	<u>Projected MWH Sales</u>	<u>Rate (Avg Cents/KWH)</u>	<u>Clause Revenue Net of Revenue Taxes ( \$ )</u>
1.	07/2018	1,164,712	0.13464985	1,568,282.92
2.	08/2018	1,153,109	0.13458682	1,551,932.77
3.	09/2018	987,538	0.13421495	1,325,423.62
4.	10/2018	822,469	0.13361724	1,098,960.36
5.	11/2018	723,913	0.13340123	965,708.86
6.	12/2018	812,243	0.13427119	1,090,608.34

## Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home by providing energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

Program Projections: Expenses of \$1,650,084 are projected for this program in 2019 as detailed in Schedule C-2. In 2019 this program includes two measurable areas of focus:

- Energy Audit – During the recovery period, 8,400 participants are projected as reflected in the 2015 DSM Plan. A Gulf Power representative will conduct an on-site audit of a customer's home, or a customer may choose to participate in either a mail-in or on-line, interactive version of the audit. Regardless of the method, the customer is provided with specific recommendations including available incentives and other alternatives to facilitate implementation.
- School-based Awareness and Education – This program provides science-based energy-related curricula and training to science teachers in Gulf's service area. As a result of these efforts, during the recovery period, approximately 5,000 students will be reached.

Program Accomplishments:

- Energy Audit – Year-to-date 2018, Gulf performed 8,716 energy audits compared to a year-to-date projection of 4,200 or 4,516 over the projection. Of these, 6,024 were online, 499 were on-site and 2,193 were new construction audits. The total projection for 2018 is 16,597 energy audits.
- School-based Awareness and Education
  - Gulf provided professional development in energy-related science and math for 76 elementary, middle and high school teachers who reach an estimated 2,645 students daily. These teachers received continuing education credits, as well as hands-on energy, efficiency and renewable energy classroom materials and curriculum.
  - Gulf coordinated monthly activities with student energy teams at three schools, measuring energy use at the school and creating a plan to use energy wisely at school and home. Total student reach was 60 students directly.

- Gulf continued to provide classroom demonstrations and hands-on energy-related activities in schools on a regular basis reaching nearly 100 students.
- Gulf demonstrated energy efficiency and solar energy in “World of Energy” to approximately 2,500 eighth-grade students and their teachers from 20 schools during two-day state Skills USA competition.

Total direct reach was 5,345 students and 101 teachers.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$1,089,486 compared to actual expenses of \$814,370, resulting in a difference of \$275,116 or 25% under budget.

Program Progress Summary: Since the approval of this program, Gulf Power has performed a total of 250,521 energy audits.

## Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families with managing their energy costs. Through this program, qualifying customers receive the direct installation of conservation measures at no cost to them. The program also educates families on energy efficiency techniques and behavioral changes to help control their energy use and reduce their electricity expenses.

Program Projections: For the period January 2019 through December 2019, the Company expects to implement the efficiency measures included in this program for 2,500 eligible residential customers as reflected in the 2015 DSM Plan. Expenses of \$859,965 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: Through June 2018, 1,343 of Gulf's customers received the measures included in this program, compared to a year-to-date projection of 1,500. The total projection for 2018 is 3,000 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$420,820 compared to actual expenses of \$402,006 resulting in a difference of \$18,814 or 4.5% under budget.

Program Progress Summary: A total of 18,848 customers have received the efficiency measures included in the Community Energy Saver Program since the program's launch in 2011.



## Program Description and Progress

Program Title: Residential Custom Incentive Program

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program promotes the installation of various energy efficiency measures available through other programs, such as HVAC maintenance and quality installation, high performance windows, reflective roofing and Energy Star window A/Cs. Additional incentives will be included, as appropriate, to overcome the split-incentive barrier which exists in a landlord/renter situation. Moreover, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Projections: Due to the custom nature of this program, specific participant projections are not made for the period January 2019 through December 2019. Expenses of \$129,524 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: As of June, no participants have enrolled during 2018 in this program. While there are no participants recorded this year, Gulf continues to promote the availability of this program to landlords and property managers in the rental property sector. Although participation in this program to date has been low, discussions with landlords and property managers have often resulted in these customers taking advantage of other DSM program offerings such as Gulf's HVAC Efficiency Program.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$78,013 compared to actual expenses of \$31,742 resulting in a difference of \$46,271 or 59% under budget.

Program Progress Summary: Since its launch in 2011, one customer enrollment has been recorded in the Residential Custom Incentive Program.

Program Description and Progress

Program Title: HVAC Efficiency Improvement Program

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies are realized through:

- HVAC maintenance
- Duct repair
- HVAC Quality Installation

Program Projections: Expenses of \$1,914,173 are projected for this program in 2019 as detailed in Schedule C-2. For the period January 2019 through December 2019, the Company projects the following participation in this program as reflected in the 2015 DSM Plan:

<b>Measure</b>	<b>Projected Participation</b>
HVAC maintenance	3,400
Duct repair	1,500
HVAC Quality Installation	3,500

Program Accomplishments: Actual participation (through June 2018) and the 2018 year-end projected participation are shown in the following table:

<b>Measure</b>	<b>2018 YTD Actual Participation</b>	<b>2018 Year-End Projection</b>
HVAC maintenance	561	2,300
Duct repair	135	500
HVAC Quality Installation	296	900

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$859,339 compared to actual expenses of \$445,209 resulting in a difference of \$414,130 or 48% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

<b>Measure</b>	<b>Program to Date Actual Participation</b>
HVAC maintenance	38,354
Duct repair	21,976
HVAC Quality Installation	1,571

Program Description and Progress

Program Title: Residential Building Efficiency Program

Program Description: The Residential Building Efficiency Program is designed as an umbrella efficiency program for existing and new residential customers to encourage the installation of eligible equipment and materials as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for energy saving measures; to increase availability and market penetration; and to contribute toward long-term energy savings and peak demand reductions.

- High Performance Windows
- Reflective Roof
- ENERGY STAR Window A/C

Program Projections: Expenses of \$504,171 are projected for this program in 2019 as detailed in Schedule C-2. For the period January 2019 through December 2019, the Company projects the following participation in this program as reflected in the 2015 DSM Plan:

<b>Measure</b>	<b>Projected Participation</b>
High Performance Windows	600
Reflective Roof	300
ENERGY STAR Window A/C	200

Program Accomplishments: Actual participation (through June 2018) and the 2018 year-end projected participation are shown in the following table:

<b>Measure</b>	<b>2018 YTD Actual Participation</b>	<b>2018 Year-End Projection</b>
High Performance Windows	120	300
Reflective Roof	107	210
ENERGY STAR Window A/C	12	20

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$327,276 compared to actual expenses of \$200,602, resulting in a difference of \$126,674 or 39% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

<b>Measure</b>	<b>Program to Date Actual Participation</b>
High Performance Windows	5,129
Reflective Roof	1,711
ENERGY STAR Window A/C	835

## Program Description and Progress

Program Title: Energy *Select*

Program Description: The overall program is designed to provide customers with a means of controlling their energy purchases by conveniently programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to respond automatically to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Projections: During the 2019 projection period, Gulf Power projects to have 1,600 net additions, as reflected in the 2015 DSM Plan. The program expenses are expected to be \$7,255,716, as detailed in Schedule C-2.

Program Accomplishments: For the period January through June 2018, 413 net new participants were added to the Energy *Select* program compared to a year-to-date projection of 800. The total projection for 2018 is 1,600 net new participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$3,501,374 compared to actual expenses of \$3,041,249 resulting in a difference of \$460,125 or 13% under budget.

Program Progress Summary: As of June 2018, there are 19,572 participating customers.

## Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to Gulf's existing commercial and industrial customers on how to reduce and make the most efficient use of energy. This program offers a variety of services ranging from a walk-through survey to the use of computer programs which simulate several design options for very large, energy-intensive customers. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or an on-line survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Projections: For the period January 2019 through December 2019, the Company expects to conduct 500 audits as reflected in the 2015 DSM Plan and incur expenses totaling \$598,962.

Program Accomplishments: During the January 2018 through June 2018 period, actual results were 223 audits compared to a year-to-date projection of 250. The total projection for 2018 is 320 audits.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$394,173 compared to actual expenses of \$349,506, resulting in a difference of \$44,667 or 11% under budget.

Program Progress Summary: A total of 23,160 audits have been completed since the program's inception.

## Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and to make improvements to the system to bring it to full efficiency. This program includes air cooled and water-cooled equipment – identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Projections: For the period January 2019 through December 2019, the Company expects 250 program participants as reflected in the 2015 DSM Plan. Expenses of \$187,489 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: During the period January 2018 through June 2018, 72 customers have participated in this program. The total projection for 2018 is 250 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$57,555, compared to actual expenses of \$67,262, resulting in a difference of \$9,707 or 17% over budget.

Program Progress Summary: Since its launch in 2011, 1,298 customers have participated in this program.

Program Description and Progress

Program Title: Commercial Building Efficiency Program

Program Description: This program is designed as an umbrella efficiency program for existing commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals will be accomplished through commercial geothermal heat pumps, ceiling/roof insulation, and reflective roofs.

Program Projections: Expenses of \$556,442 are projected for this program in 2019 as detailed in Schedule C-2.

For the period January 2019 through December 2019, the Company expects to implement the efficiency measures included in this program as reflected in the 2015 DSM Plan:

<b>Program</b>	<b>Annual Projections (2019)</b>
Commercial Geothermal Heat Pump	150 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	400,000 square feet of installed insulation
Commercial Reflective Roof	800,000 square feet of installed reflective roof

Program Accomplishments: Actual participation (through June 2018) and the 2018 year-end projected participation are shown in the following table:

<b>Measure</b>	<b>2018 YTD Actual Participation</b>	<b>2018 Year-End Projection</b>
Commercial Geothermal Heat Pump	0 tons of installed Geothermal HVAC	71 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	76,533 square feet of installed insulation	184,533 square feet of installed insulation
Commercial Reflective Roof	230,300 square feet of installed reflective roof	650,300 square feet of installed reflective roof



Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$304,523, compared to actual expenses of \$241,200, resulting in a difference of \$63,323 or 21% under budget.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

<b>Program</b>	<b>Actual Participation (Program to Date)</b>
Commercial Geothermal Heat Pump	578 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	444,535 square feet of installed insulation
Commercial Reflective Roof	3,537,856 square feet of installed reflective roof

## Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

Program Projections: For the period January 2019 through December 2019, the Company expects at the meter reductions of 200,000 kWh, 65 winter kW and 65 summer kW resulting from this program as reflected in the 2015 DSM Plan. Expenses of \$119,931 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: From January 2018 through June 2018, Gulf has evaluated several projects for potential inclusion in this program. Through June, no savings have been reported in the program.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$89,417, compared to actual expenses of \$27,875, resulting in a difference of \$61,542 or 69% under budget.

Program Progress Summary: Since its launch in 2011, 15 customers have participated in the Commercial/Industrial Custom Incentive program resulting in at the meter reductions of 8,770,333 kWh (energy), 1,341 winter kW (demand) and 1,751 summer kW (demand).

### Program Description and Progress

Program Title: Critical Peak Option (CPO)

Program Description: This program offers customers on Gulf Power's Large Power Time of Use (LPT) rate schedule an option to receive credits for capacity that can be reduced during peak load conditions (critical peak events). The program provides a fixed, per kW credit for measured On-Peak Demand and a Critical Peak Demand Charge for any measured demand recorded during a called critical peak event.

Program Projections: For the period January 2019 through December 2019, the Company expects one customer having 24 different locations to switch from the CPO Program to the Company's Curtailable Load (CL) Program. As a consequence, the Company projects that there will be no expenses in this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: During the period January 2018 through June 2018, 24 accounts have participated in this program. The total projection for 2018 is 24 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$137,616 compared to actual expenses of (\$69,397).

Program Progress Summary: This program became a part of Gulf's DSM Plan effective July 1, 2017, pursuant to Gulf's Stipulation and Settlement Agreement, approved by the Commission in Order No. PSC-2017-0178-S-EI dated May 16, 2017.

### Program Description and Progress

Program Title: Curtailable Load (CL)

Program Description: The Curtailable Load (CL) program provides qualifying customers capacity payments for electric load which can be curtailed during certain conditions as described in Rate Rider CL. The CL rider is available to customers taking service under rate schedules LP, LPT, PX, or PXT and who also execute a Curtailable Load Service Agreement (CL Service Agreement). Qualifying customers must commit a minimum of 4,000 kW of non-firm load.

Program Projections: For the period January 2019 through December 2019, the Company expects participation by one customer with 24 locations. Expenses of \$702,758 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: This program began March 2018; thus, no participants are recorded for the period January through June 2018. The total projection for 2018 is one participant with multiple locations.

Program Fiscal Expenditures: There were no program expenditures January through June 2018.

Program Progress Summary: This program was approved for inclusion in Gulf's DSM Plan by Commission Order No. PSC-2018-0159-PAA-EI dated March 21, 2018.

## Program Description and Progress

Program Title: Residential Service Time of Use Pilot Program

Program Description: The Residential Service Time of Use (RSTOU) rate pilot provides residential customers the opportunity to use customer-owned equipment to respond automatically to, and take advantage of, a variable pricing structure with a critical peak credit component. In order to control program expenses and facilitate monitoring and evaluation, participation in the pilot is limited to 400 residential customers who meet the program standards. To further encourage customers to utilize a qualifying Wi-Fi enabled thermostat, the RSTOU pilot offers customers a per event credit for allowing their thermostat to automatically adjust their HVAC equipment settings during a critical event period. This option puts the customer in complete control of their energy purchase without utility-owned equipment. The objective of this pilot is to measure customers' response to a variable price rate with customer-owned equipment. Customers have an opportunity for additional savings by shifting energy purchases to the lower-priced periods, while providing peak demand reduction during the high and critical periods.

Program Projections: Expenses of \$50,000 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: As of June 2018, there are 330 customers participating in this program.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$33,599 compared to actual expenses of \$28,216 resulting in a difference of \$5,383 or 16% under budget.

Program Progress Summary: Since its launch in February 2016, 330 customers have participated in this program.

## Program Description and Progress

Program Title: Conservation Demonstration and Development (CDD)

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

### **Tesla Powerwall Demand Response (DR)**

Modern-day battery storage provided by Tesla may be able to improve the effectiveness of current “Demand Response” programs. Demand response not only refers to *load shedding* but now also includes *load shifting*.

The Powerwall DR CDD Project evaluates the impact of:

1. *Load Shifting:* Battery storage’s ability to maximize the impact of TOU rates by charging during off-peak/low periods and discharging during on-peak/medium-high periods.
2. *Peak Reduction:* Battery storage’s ability to be dispatched at specific times (critical peak events) to supplement the demand response capability of *Energy Select*.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspectives of both the customer and the utility.

Tesla’s daily cycle 6.4kWh Powerwall is interconnected to a SolarEdge StorEdge inverter and existing *Energy Select* equipment. TOU times and critical peak dispatches are accessed through the inverter’s internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project.

### **Tesla Powerwall Demand Photovoltaic (PV)**

Modern-day battery storage provided by Tesla may be able to overcome two of the typical shortcomings of grid-tied solar photovoltaics: the limited “daytime” periods of generation and the intermittency of output (due to shade or cloud cover).

The Powerwall PV CDD Project evaluates the impact of:

1. *Solar Shifting*: Battery storage's impact on peak demand by charging during the normal PV generation period and discharging during on-peak/medium-high periods.
2. *Solar Smoothing*: Battery storage's ability to stabilize the PV output during adverse weather conditions / cloud cover or shading caused by obstructions.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspectives of both the customer and the utility.

Tesla's daily cycle 6.4 kWh Powerwall is interconnected to a SolarEdge StorEdge inverter and a retrofitted/existing 5 kW photovoltaic installation. Charge and discharge time periods are programmed within the inverter's internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project.

### **Domestic Hot Water Analysis**

This project aims to address an underserved area of the heat pump water heating market: small commercial buildings. Specific focus was paid to the food service industry due to their potential for large domestic hot water usage. These building types are too small and cannot handle the capital intensity of large, engineered heat pump water heating systems; and it is unknown whether their usage patterns could be supported by an integrated, residential-sized heat pump water heater. Thus, this project's objectives were as follows:

- Identified customers for participation in this study: Fast food, sandwich shops, cafeteria-style eateries, convenience stores, small laundries, and salons
- Collected number of and type of hot water end uses at each site.
- Installed field monitoring on 10 small commercial building types.
- Collected up to six months of hot water usage data at each site.
- Analyzed the collected data to develop usage patterns for each site.
- Produced a final report including recommendations to manufacturers on optimal approaches to the small commercial heat pump water heater market.

Collected data was used to produce daily water consumption load shapes for each site type. The data was analyzed and reviewed to determine the proper

sizing of heat pump water heaters that will support the average recognized usage patterns. Based on the data, a residential-sized heat pump water heater will handle the hot water needs in the small commercial food service industry. The data was shared with manufacturers to show their product development organization the need for a commercial grade heat pump water heater that fits in a residential-sized water heater footprint.

### **Eaton Smart Breaker Test**

This test will evaluate the potential demand limiting or reduction capabilities and techniques of Eaton's "smart circuit breaker," which has remote control and advanced metering built into the circuit breaker. A secondary goal is to identify use cases that will improve energy efficiency in a connected home environment.

The research data from this project will provide information on how to design a program within the connected home space. These devices will potentially be coupled with other platforms to enhance demand response and energy efficiency controls.

Program Fiscal Expenditures: Program expenses were forecasted at \$123,579 for the period January through June 2018 compared to actual expenses of \$42,393 for a deviation of \$81,186 or 66% under budget. Actual project expenses were as follows: Tesla Powerwall Demand Response, \$15,522; Tesla Powerwall Demand Photovoltaic, \$20,694; Domestic Hot Water Analysis, \$6,177.



## 2019 CONSERVATION COST RECOVERY FACTORS

<b><u>RATE CLASS</u></b>	<b><u>Cents per kWh</u></b>
RS	0.125
RSVP Tier 1	(3.000)
RSVP Tier 2	(0.926)
RSVP Tier 3	7.591
RSVP Tier 4	66.400
RSTOU On-peak	17.100
RSTOU Off-peak	(3.194)
RSTOU Critical Peak Credit	\$5.00 per event
GS	0.121
GSD, GSDT, GSTOU	0.116
LP, LPT	0.111
LPT-CPO On-Peak	(\$4.89) per kW
LPT-CPO Critical	\$58.68 per kW
PX, PXT, RTP, SBS	0.109
OSI, OSII	0.092
OSIII	0.108
CL Credit	\$5.57 per kW

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Energy Conservation Cost )  
Recovery Clause )

Docket No.: 20180002-EG

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 10th day of August, 2018 to the following:

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