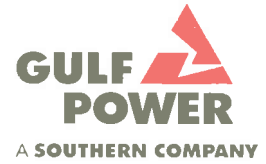


Robert L. McGee, Jr.  
Regulatory & Pricing Manager

One Energy Place  
Pensacola, Florida 32520-0780

Tel 850.444.6530  
Fax 850.444.6026  
RLMCGEE@southernco.com



May 1, 2013

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

RECEIVED-FPSC  
13 MAY -3 AM 11:50  
COMMISSION  
CLERK

Dear Ms. Cole:

RE: Docket No. 130002-EG

Enclosed for official filing are an original and fifteen copies of the final true-up testimony and exhibit for the period January – December 2012 of Jennifer L. Todd in the above referenced docket.

Pursuant to the Order Establishing Procedure in this docket, electronic copies of exhibit JLT-1 that contain calculations will be provided to the parties under separate cover.

Sincerely,

Robert L. McGee, Jr.  
Regulatory and Pricing Manager

md

Enclosures

cc: Beggs & Lane  
Jeffrey A. Stone, Esq.

COM	5
AFD	1
APA	1
ECO	6
ENG	1
GCL	1
IDM	1
TEL	1
CLK	1-Ct Rep

DOCUMENT NUMBER-DATE

02472 MAY-3 2013

FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**ENERGY CONSERVATION COST  
RECOVERY CLAUSE**

**DOCKET NO. 130002-EG**

PREPARED DIRECT TESTIMONY  
AND EXHIBIT OF  
JENNIFER L. TODD

FINAL TRUE-UP FILING  
FOR THE PERIOD

JANUARY 2012 - DECEMBER 2012

MAY 2, 2013



DOCUMENT NUMBER-DATE

02472 MAY-3 2013

FPSC-COMMISSION CLERK

1 GULF POWER COMPANY

2 Before the Florida Public Service Commission  
3 Prepared Direct Testimony and Exhibit of  
4 Jennifer L. Todd  
5 Docket No. 130002-EG  
6 Date of Filing: May 2, 2013

7 Q. Please state your name, business address employer and position.

8 A. My name is Jennifer L. Todd and my business address is One Energy  
9 Place, Pensacola, Florida 32520. I am employed by Gulf Power Company  
10 (Gulf or the Company) as the Market Analytics Supervisor.

11 Q. Ms. Todd, please describe your educational background and business  
12 experience.

13 A. I received a Bachelor's Degree in Management Information Systems from  
14 the University of West Florida in 1994. I began my career in the electric  
15 utility industry at Gulf in 1992 and have held various positions of  
16 increasing responsibility within the Company in Information Technology,  
17 Accounting, and Marketing. In my current position, I am responsible for  
18 Energy Conservation Cost Recovery (ECCR) filings, economic  
19 evaluations, end-use load research, market research, and other marketing  
20 services activities.

21  
22 Q. Have you previously testified before this Commission in connection with  
23 the Energy Conservation Cost Recovery Clause?

24 A. Yes.  
25

DOCUMENT NUMBER-DATE

02472 MAY-3 2013

FPSC-COMMISSION CLERK

1 Q. Ms. Todd, what is the purpose of your testimony?

2 A. The purpose of my testimony is to present the results of the approved  
3 Energy Conservation Cost Recovery Clause programs and related  
4 expenses for January, 2012 through December, 2012.

5

6 Q. Are you sponsoring any exhibits to your testimony?

7 A. Yes, I sponsor Exhibit JLT-1, Schedules CT-1 through CT-6.

8

9 Q. Have you verified that the information contained in Exhibit JLT-1 is  
10 correct?

11 A. Yes, I have. This exhibit was prepared under my direction and control,  
12 and the information contained therein is true and correct to the best of my  
13 knowledge.

14 Counsel: We ask that Ms. Todd's exhibit consisting of 6 Schedules, CT-  
15 1 through CT-6, be marked for identification as:

16 Exhibit No. \_\_\_\_ (JLT-1)

17

18 Q. Please summarize for this Commission the deviations between the actual  
19 expenses for this recovery period and the amount of estimated/actual  
20 expenses previously filed with this Commission.

21 A. The estimated/actual true-up net expenses for the entire recovery period  
22 January 2012 through December 2012, previously filed were \$23,649,673  
23 while the actual expenses incurred in 2012 were \$22,885,826 resulting in  
24 a variance of \$763,847 or 3% under the projection. See Schedule CT-2,  
25 Line 10.

1 Q. Ms. Todd, would you explain the January 2012 through December 2012  
2 variance?

3 A. Yes. The variance was a result of actual expenses being less than  
4 estimated in all of Gulf's programs except the Residential HVAC  
5 Efficiency, Residential Heat Pump Water Heater, Residential Variable  
6 Speed Pool Pump, Residential Self-install Appliances, Commercial HVAC  
7 Occupancy Sensors, Commercial High Efficiency Motors and Commercial  
8 Food Services. Overall, these variances mean that actual program  
9 expenses for the 12 month period through December 2012 were \$763,847  
10 less than the level of estimated/actual program expenses filed in  
11 September 2012. A more detailed description of the deviations is  
12 contained in Schedule CT-6.

13

14 Q. Mrs. Todd, what was Gulf's adjusted net true-up for the period January  
15 2012 through December 2012?

16 A. There was a \$1,293,261 under-recovery as shown on Schedule CT-1.

17

18 Q. Please describe your program participation levels during the recovery  
19 period.

20 A. A more detailed review of each of the programs is included in my  
21 Schedule CT-6. The following is a synopsis of program participation  
22 levels during this recovery period.

23

24

25

- 1 (A) Residential Energy Surveys - During the 2012 recovery period, the  
2 Company completed 8,863 surveys compared to the projection of  
3 8,762.
- 4 (B) Home Energy Reporting – During the 2012 recovery period a total  
5 of 39,213 home energy report participants received home energy  
6 reports from the Company compared to a projection of 39,247.
- 7 (C) Community Energy Saver – During the 2012 recovery period the  
8 Company implemented a total of 3,327 efficiency measures for  
9 eligible participants. This compared to a projection of 2,500.
- 10 (D) Landlord-Renter Custom Incentive – During the 2012 recovery  
11 period no participants enrolled in this program compared to a  
12 projection of 750 participants.
- 13 (E) HVAC Efficiency – During the 2012 recovery period, there were a  
14 total of 14,330 participants in this program compared to a projection  
15 of 13,909.
- 16 (F) Heat Pump Water Heater – During the 2012 recovery period, a total  
17 of 873 heat pump water heaters were installed compared to a  
18 projection of 670.
- 19 (G) Ceiling Insulation – During the 2012 recovery period a total of 780  
20 participants installed high efficiency ceiling insulation compared to a  
21 projection of 775.
- 22 (H) High Performance Window – During the 2012 recovery period a  
23 total of 658 customers installed high efficiency windows and 178  
24 customers installed window film. This compared to projections of  
25 350 and 200 respectively.

- 1 (I) Reflective Roof – During the 2012 recovery period, a total of 229  
2 participants installed a qualified reflective roof compared to a  
3 projection of 240.
- 4 (J) Variable Speed Pool Pump – During the 2012 recovery period a  
5 total of 3,491 participants installed a high-efficiency variable speed  
6 pool pump compared to a projection of 3,200.
- 7 (K) Energy Select/Energy Select LITE - During the 2012 recovery  
8 period there was a net increase of 1,799 customers (*Energy Select*  
9 and *Energy Select LITE* combined) with a total of 10,478 customers  
10 on-line at December 31, 2012. Gulf projected 1,600 net new  
11 customer additions during 2012.
- 12 (L) Self-Install Efficiency – During the 2012 recovery period this  
13 program has achieved the following participation: 2,327 ENERGY  
14 STAR Refrigerators, 199 ENERGY STAR Freezers, 204 ENERGY  
15 STAR Window A/Cs, 2,198 ENERGY STAR Clothes Washers and  
16 77,646 CFLs. The projection for 2012 was 4,500 ENERGY STAR  
17 appliances and 60,000 CFLs.
- 18 (M) Refrigerator Recycling – During the 2012 recovery period, the  
19 Company had 1,064 customers participate in the Refrigerator  
20 Recycling program. This is compared to a projection of 1,000  
21 participants.
- 22 (N) Commercial/Industrial (C/I) Energy Analysis - During the 2012  
23 recovery period, a total of 420 C/I Energy Analyses were completed  
24 compared to a projection of 600.

25

- 1 (O) Commercial HVAC Retrocommissioning – During the 2012  
2 recovery period, there were 307 participants in this program  
3 compared to a projection of 490.
- 4 (P) Commercial Building Efficiency - During the 2012 recovery period,  
5 1,608 tons of HVAC retrocommissioning were completed, 290 tons  
6 of geothermal were installed, one heat pump water heater was  
7 installed, 80,704 sq. ft. of ceiling insulation and 21,863 sq. ft. of  
8 window film were installed, 876 kW of interior lighting and 342 kW  
9 of LED lighting were installed, 1,171 occupancy sensors were  
10 installed and 424,855 sq. ft. of reflective roof installed. All of these  
11 measures met or exceeded projections as outlined in Schedule CT-  
12 6.
- 13 (Q) HVAC Occupancy Sensor – During the 2012 recovery period a total  
14 of 330 HVAC occupancy sensors were installed. This compared to  
15 a projection of 270 sensors.
- 16 (R) High Efficiency Motors – During the 2012 recovery period, 2,243  
17 HP of high-efficiency motors were installed compared to a  
18 projection of 4,325 HP.
- 19 (S) Food Service Efficiency - During the 2012 recovery period, there  
20 were 44 participants in this program compared to a projection of 45.
- 21 (T) Commercial/Industrial Custom Incentive – During the 2012  
22 recovery period, there were 5 participants in this program resulting  
23 in at the meter reductions of 1,118,968 kWh, winter kW of 150 and  
24 summer kW of 375.  
25



1 (U) Renewable Energy – Costs associated with the Renewable Energy  
2 program are provided in Schedule CT-3. Further description of  
3 these activities can be found in Schedule CT-6.

4 (V) Conservation Demonstration and Development – Costs associated  
5 with the Conservation Demonstration and Development program  
6 are provided in Schedule CT-3. Further description of these  
7 activities can be found in Schedule CT-6, pages

8

9 Q. Should Gulf's recoverable energy conservation cost for the period be  
10 accepted as reasonable and prudent?

11 A. Yes.

12

13 Q. Ms. Todd, does this conclude your testimony?

14 A. Yes, it does.

15

16

17

18

19

20

21

22

23

24

25

AFFIDAVIT

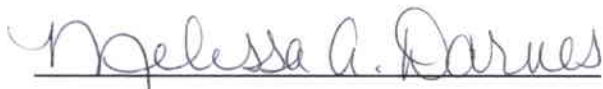
STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA )

Docket No. 130002-EG

Before me, the undersigned authority, personally appeared Jennifer L. Todd, who being first duly sworn, deposes and says that she is the Market Analytics Supervisor of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of her knowledge and belief. She is personally known to me.

  
\_\_\_\_\_  
Jennifer L. Todd  
Market Analytics Supervisor

Sworn to and subscribed before me this 1<sup>st</sup> day of May, 2013.

  
\_\_\_\_\_  
Notary Public, State of Florida at Large



INDEX

<b>Schedule No.</b>	<b>Title</b>	<b>Page(s)</b>
<u>CT-1</u>	<u>Adjusted net True-Up, January 2012 Through December 2012</u>	<u>2</u>
<u>CT-2</u>	<u>Analysis of Energy Conservation Program Costs</u>	<u>3</u>
<u>CT-3</u>	<u>Energy Conservation Adjustment</u>	<u>4-11</u>
<u>CT-4</u>	<u>Schedule of Capital Investments, Depreciation and Return</u>	<u>12-15</u>
<u>CT-5</u>	<u>Reconciliation and Explanation of Differences Between Filing and Audit</u>	<u>16</u>
<u>CT-6</u>	<u>Program Descriptions and Progress Reports</u>	<u>17- 43</u>

**Schedule CT-1**

**Gulf Power Company**  
**ENERGY CONSERVATION COST RECOVERY (ECCR)**  
**Calculation of the Final True-Up Amount**  
**For the Period: January 2012 - December 2012**

Actual	<u>\$</u>	<u>\$</u>
1. Principal	(808,276)	
2. Interest	<u>(1,533)</u>	
3. Actual Over/(Under) Recovery Ending Balance		(809,809)
Estimated/Actual as filed September 12, 2012		
4. Principal	484,672	
5. Interest	<u>(1,221)</u>	
6. Total Estimated/Actual Over/(Under) Recovery		<u>483,452</u>
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		<u><u>(1,293,261)</u></u>

**Schedule CT-2**

**Gulf Power Company**  
**ENERGY CONSERVATION COST RECOVERY (ECCR)**  
**Calculation of the Final True-Up Amount**  
**For the Period: January 2012 - December 2012**

**Analysis of Energy Conservation Program Costs**  
**Actual Compared to Estimated/Actual**

	<u>Actual</u>	<u>Est/Actual</u>	<u>Difference</u>
	\$	\$	\$
1. Depreciation, Return & Property Tax	1,923,716.41	1,930,807.90	(7,091.49)
2. Payroll & Benefits	5,283,295.66	5,622,968.97	(339,673.31)
3. Materials & Supplies	6,353,312.40	7,161,367.75	(808,055.35)
4. Advertising	791,571.59	1,000,000.00	(208,428.41)
5. Incentives	8,573,607.04	7,974,373.95	599,233.09
6. Adjustments	0.00	0.00	0.00
7. Other	0.00	0.00	0.00
8. Subtotal	<u>22,925,503.10</u>	<u>23,689,518.57</u>	<u>(764,015.47)</u>
9. Program Revenues	<u>39,676.86</u>	<u>39,845.36</u>	<u>(168.50)</u>
10. Total Program Costs	<u>22,885,826.24</u>	<u>23,649,673.21</u>	<u>(763,846.97)</u>
11. Less: Payroll Adjustment	0.00	0.00	0.00
12. Amounts Inc. in Base Rate	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
13. Conservation Adjustment Revenues	<u>25,142,288.20</u>	<u>27,199,083.63</u>	<u>(2,056,795.43)</u>
14. Rounding Adjustment	<u>25,142,288.00</u>	<u>27,199,084.00</u>	<u>(2,056,796.00)</u>
15. True-up Before Adjustment Over/(Under) Recovery	2,256,462	3,549,411	(1,292,949)
16. Interest Provision	(1,533)	(1,221)	(312)
17. Prior Period True-up	(3,064,738)	(3,064,738)	0
18. Other	<u>0</u>	<u>0</u>	<u>0</u>
19. End of Period True-up	<u>(809,809)</u>	<u>483,452</u>	<u>(1,293,261)</u>

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Conservation Costs By Program**  
**Variance Actual Vs. Estimated/Actual**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
<b>Residential Conservation Programs:</b>									
1. Residential Energy Audit and Education	0.00	(239,992.62)	(341,853.61)	0.00	(96,985.18)	0.00	(678,831.41)	0.00	(678,831.41)
2. Community Energy Saver	0.00	(1,785.03)	(5,677.23)	0.00	0.00	0.00	(7,462.26)	0.00	(7,462.26)
3. Landlord-Renter Custom	0.00	564.76	154.06	0.00	0.00	(100,000.00)	(99,281.18)	0.00	(99,281.18)
4. HVAC Efficiency	0.00	(7,181.55)	440,745.14	0.00	70.00	391,165.00	824,798.59	0.00	824,798.59
5. Heat Pump Water Heater	0.00	(29,687.23)	(27,053.81)	0.00	0.00	165,200.00	108,458.96	0.00	108,458.96
6. Ceiling Insulation	0.00	2,008.15	(13,943.17)	0.00	0.00	(24,555.10)	(36,490.12)	0.00	(36,490.12)
7. High Performance Window	0.00	(41,702.26)	(12,641.33)	0.00	0.00	18,780.00	(35,563.59)	0.00	(35,563.59)
8. Reflective Roof	0.00	(2,981.57)	(14,885.55)	0.00	0.00	(3,510.75)	(21,377.87)	0.00	(21,377.87)
9. Variable Speed Pool Pump	0.00	45,991.24	(204,591.56)	0.00	0.00	414,300.00	255,699.68	0.00	255,699.68
10. Energy Select / Energy Select LITE	(7,091.49)	124,876.32	(168,200.79)	0.00	(64,013.23)	0.00	(114,429.19)	(168.50)	(114,260.69)
11. Self-Install Energy Efficiency	0.00	4,029.50	(1,757.31)	0.00	0.00	51,125.74	53,397.93	0.00	53,397.93
12. Refrigerator Recycling	0.00	(1,746.38)	(34,585.35)	0.00	0.00	(13,510.00)	(49,841.73)	0.00	(49,841.73)
<b>Commercial / Industrial Conservation Programs:</b>									
13. Commercial / Industrial Energy Audit	0.00	(182,416.35)	(163,864.89)	0.00	(49,300.00)	0.00	(395,581.24)	0.00	(395,581.24)
14. HVAC Retrocommissioning	0.00	3,553.81	(35,812.36)	0.00	0.00	(14,770.00)	(47,028.55)	0.00	(47,028.55)
15. Commercial Building Efficiency	0.00	(72,405.94)	(21,015.44)	0.00	1,800.00	(8,869.10)	(100,490.48)	0.00	(100,490.48)
16. HVAC Occupancy Sensor	0.00	5,926.13	(2,892.28)	0.00	0.00	4,750.00	7,783.85	0.00	7,783.85
17. High Efficiency Motors	0.00	7,996.88	515.92	0.00	0.00	231.00	8,743.80	0.00	8,743.80
18. Food Services	0.00	15,620.66	498.73	0.00	0.00	(7,200.00)	8,919.39	0.00	8,919.39
19. Commercial / Industrial Custom Incentive	0.00	1,144.99	(2,821.20)	0.00	0.00	(84,728.00)	(86,404.21)	0.00	(86,404.21)

**Gulf Power Company**  
**ENERGY CONSERVATION COST RECOVERY (ECCR)**  
 Calculation of the Final True-Up Amount  
 For the Period: January 2012 - December 2012

**Conservation Costs By Program**  
**Variance Actual Vs. Estimated/Actual**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
<b>Renewable Energy Plan:</b>									
20. Renewable Energy Plan Common	0.00	28,354.99	(4,521.05)	0.00	0.00	0.00	23,833.94	0.00	23,833.94
21. Solar for Schools	0.00	0.00	(84,079.45)	0.00	0.00	0.00	(84,079.45)	0.00	(84,079.45)
22. Solar Thermal Water Heating	0.00	0.00	17.00	0.00	0.00	(78,000.00)	(77,983.00)	0.00	(77,983.00)
23. Solar PV	0.00	0.00	17.00	0.00	0.00	(5,195.20)	(5,178.20)	0.00	(5,178.20)
24. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	(8,980.50)	(8,980.50)	0.00	(8,980.50)
25. Energy Select Electric Vehicle Pilot	0.00	0.00	83.34	0.00	0.00	(97,000.00)	(96,916.66)	0.00	(96,916.66)
26. Conservation Demonstration and Development:	0.00	158.19	(109,890.16)	0.00	0.00	0.00	(109,731.97)	0.00	(109,731.97)
27. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28. Total All Programs	(7,091.49)	(339,673.31)	(808,055.35)	0.00	(208,428.41)	599,233.09	(764,015.47)	(168.50)	(763,846.97)

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Conservation Costs By Program**  
**Actual Expenses**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
<b>Residential Conservation Programs:</b>									
1. Residential Energy Audit and Education	12,772.82	1,407,188.38	798,750.39	0.00	478,014.82	0.00	2,696,726.41	0.00	2,696,726.41
2. Community Energy Saver	0.00	49,714.97	886,658.06	0.00	0.00	0.00	936,373.03	0.00	936,373.03
3. Landlord-Renter Custom	0.00	107,683.76	13,308.21	0.00	0.00	0.00	120,991.97	0.00	120,991.97
4. HVAC Efficiency	0.00	304,924.41	1,544,800.14	0.00	70.00	3,420,069.50	5,269,864.05	0.00	5,269,864.05
5. Heat Pump Water Heater	0.00	135,060.53	18,868.19	0.00	0.00	634,415.36	788,344.08	0.00	788,344.08
6. Ceiling Insulation	0.00	104,188.39	17,015.08	0.00	0.00	204,462.75	325,666.22	0.00	325,666.22
7. High Performance Window	0.00	113,758.87	25,971.84	0.00	0.00	119,980.00	259,710.71	0.00	259,710.71
8. Reflective Roof	0.00	90,991.94	23,505.76	0.00	0.00	87,358.25	201,855.95	0.00	201,855.95
9. Variable Speed Pool Pump	0.00	141,649.61	(23,404.00)	0.00	0.00	2,109,300.00	2,227,545.61	0.00	2,227,545.61
10. Energy Select / Energy Select LITE	1,910,943.59	1,266,375.32	2,362,599.21	0.00	310,986.77	0.00	5,850,904.89	39,676.86	5,811,228.03
11. Self-Install Energy Efficiency	0.00	37,955.50	70,416.74	0.00	0.00	361,189.73	469,561.97	0.00	469,561.97
12. Refrigerator Recycling	0.00	50,835.62	169,369.29	0.00	0.00	40,355.00	260,559.91	0.00	260,559.91
<b>Commercial / Industrial Conservation Programs:</b>									
13. Commercial / Industrial Energy Audit	0.00	585,535.65	87,651.11	0.00	700.00	0.00	673,886.76	0.00	673,886.76
14. HVAC Retrocommissioning	0.00	24,740.81	28,676.26	0.00	0.00	40,310.00	93,727.07	0.00	93,727.07
15. Commercial Building Efficiency	0.00	540,222.06	73,061.99	0.00	1,800.00	893,495.15	1,508,579.20	0.00	1,508,579.20
16. HVAC Occupancy Sensor	0.00	26,597.13	3,548.75	0.00	0.00	24,750.00	54,895.88	0.00	54,895.88
17. High Efficiency Motors	0.00	38,726.88	4,300.13	0.00	0.00	8,125.00	51,152.01	0.00	51,152.01
18. Food Services	0.00	60,115.66	6,612.06	0.00	0.00	8,700.00	75,427.72	0.00	75,427.72
19. Commercial / Industrial Custom Incentive	0.00	64,356.99	3,798.51	0.00	0.00	100,272.00	168,427.50	0.00	168,427.50



**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Conservation Costs By Program  
Actual Expenses**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
<b>Renewable Energy Plan:</b>									
20. Renewable Energy Plan Common	0.00	125,586.99	48,584.95	0.00	0.00	0.00	174,171.94	0.00	174,171.94
21. Solar for Schools	0.00	0.00	55,920.55	0.00	0.00	0.00	55,920.55	0.00	55,920.55
22. Solar Thermal Water Heating	0.00	0.00	17.00	0.00	0.00	22,000.00	22,017.00	0.00	22,017.00
23. Solar PV	0.00	0.00	17.00	0.00	0.00	429,804.80	429,821.80	0.00	429,821.80
24. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	66,019.50	66,019.50	0.00	66,019.50
25. Energy Select Electric Vehicle Pilot	0.00	0.00	83.34	0.00	0.00	3,000.00	3,083.34	0.00	3,083.34
<b>26. Conservation Demonstration and Development:</b>									
a. UWF Best House	0.00	147.04	50,044.76	0.00	0.00	0.00	50,191.80	0.00	50,191.80
b. NEST Thermostat	0.00	2,216.17	37,680.24	0.00	0.00	0.00	39,896.41	0.00	39,896.41
c. McDonald's Geothermal Measure & Verify	0.00	2,216.17	23,269.11	0.00	0.00	0.00	25,485.28	0.00	25,485.28
d. EnergySelect Electric Vehicle Project	0.00	2,216.15	22,057.78	0.00	0.00	0.00	24,273.93	0.00	24,273.93
e. Variable Geothermal HVAC	0.00	290.66	129.95	0.00	0.00	0.00	420.61	0.00	420.61
f. Total	0.00	7,086.19	133,181.84	0.00	0.00	0.00	140,268.03	0.00	140,268.03
27. Total All Programs	1,923,716.41	5,283,295.66	6,353,312.40	0.00	791,571.59	8,573,607.04	22,925,503.10	39,676.86	22,885,826.24

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Conservation Costs By Program**  
**Summary of Actual Expenses By Program By Month**

Program	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Residential Conservation Programs:</b>													
1. Residential Energy Audit and Education Amortization & Return on Investment	135,591.59	141,444.13	303,831.99	200,691.78	147,619.53	576,498.96	129,389.87	214,145.28	195,332.32	214,177.53	250,181.22	175,049.39	2,683,953.59
	1,247.64	1,048.40	1,138.39	1,081.15	1,050.84	1,045.50	(7,053.40)	9,128.38	1,029.48	1,024.14	1,018.80	1,013.50	12,772.82
Total	136,839.23	142,492.53	304,970.38	201,772.93	148,670.37	577,544.46	122,336.47	223,273.66	196,361.80	215,201.67	251,200.02	176,062.89	2,696,726.41
2. Community Energy Saver	72,109.54	131,978.90	61,299.18	83,161.42	62,403.10	70,607.54	89,516.56	72,675.64	76,282.33	86,267.97	66,141.85	63,929.00	936,373.03
3. Landlord-Renter Custom	8,030.48	9,029.38	10,192.79	10,777.76	9,565.00	10,032.61	11,629.30	10,002.87	9,029.81	11,392.26	8,826.93	12,482.78	120,991.97
4. HVAC Efficiency	156,224.41	193,488.48	212,571.05	324,195.46	419,216.26	439,363.05	615,138.69	496,407.29	426,011.71	538,587.99	799,503.19	649,156.47	5,269,864.05
5. Heat Pump Water Heater	39,304.31	35,711.36	20,032.48	32,837.87	75,950.00	46,208.30	103,539.66	70,771.15	90,993.67	139,730.98	93,980.95	39,283.35	788,344.08
6. Ceiling Insulation	26,535.73	28,382.16	24,232.67	23,113.94	33,802.68	24,515.33	31,573.83	42,464.61	27,395.26	27,822.81	20,312.00	15,515.20	325,666.22
7. High Performance Window	15,986.33	17,051.44	13,719.04	16,882.22	31,174.42	18,554.61	24,685.24	26,689.63	22,896.77	28,560.81	24,502.10	19,008.10	259,710.71
8. Reflective Roof	8,952.91	10,412.51	11,647.48	14,061.40	18,568.96	21,274.73	18,315.83	20,968.64	18,220.03	22,023.53	22,152.46	15,257.47	201,855.95
9. Variable Speed Pool Pump	150,491.38	150,434.88	68,890.72	121,370.50	387,085.19	212,504.58	781,068.68	171,260.20	69,796.98	57,685.18	38,627.78	19,329.54	2,227,545.61
10. Energy Select / Energy Select LITE Amortization & Return on Investment	280,357.27	387,705.21	200,695.40	353,481.38	357,395.10	441,159.48	329,378.30	216,962.86	289,530.64	344,295.55	406,261.03	332,739.08	3,939,961.30
Total	167,254.87	167,936.55	168,388.75	151,555.05	144,713.14	147,629.90	151,557.99	157,734.55	161,386.49	163,052.85	164,168.07	165,565.38	1,910,943.59
	447,612.14	555,641.76	369,084.15	505,036.43	502,108.24	588,789.38	480,936.29	374,697.41	450,917.13	507,348.40	570,429.10	498,304.46	5,850,904.89
11. Self-Install Energy Efficiency	93,025.90	(29,477.67)	151,807.58	150,882.60	(206,583.62)	222,046.29	(140,320.93)	68,321.37	129,103.85	(32,255.04)	25,625.93	37,385.71	469,561.97
12. Refrigerator Recycling	34,732.77	4,835.59	27,605.57	4,583.81	20,739.25	13,342.88	46,376.84	20,128.02	42,213.24	20,230.38	18,375.98	7,395.58	260,559.91
<b>Commercial / Industrial Conservation Programs:</b>													
13. Commercial / Industrial Energy Audit	51,206.47	44,174.84	51,150.05	52,093.08	49,949.99	58,964.45	57,263.61	62,354.86	75,184.62	56,565.82	59,870.15	55,109.02	673,886.76
14. HVAC Retrocommissioning	5,012.74	3,175.48	2,275.63	9,341.45	12,853.09	10,272.56	4,486.63	4,252.69	3,283.87	12,453.68	12,505.03	13,814.22	93,727.07
15. Commercial Building Efficiency	118,067.57	117,567.74	69,643.17	76,047.10	145,859.05	96,638.19	134,808.57	236,808.94	96,301.73	157,866.87	160,609.11	98,361.16	1,508,579.20
16. HVAC Occupancy Sensor	718.22	2,439.66	2,063.92	1,698.05	1,982.20	3,959.25	994.19	3,513.77	14,807.66	3,062.42	3,531.20	16,125.34	54,895.88
17. High Efficiency Motors	1,968.91	3,374.94	4,533.36	2,726.32	3,410.98	5,580.91	2,822.34	4,319.26	3,973.27	3,927.27	9,005.60	5,508.85	51,152.01
18. Food Services	2,757.47	4,790.00	4,463.60	4,518.25	4,427.32	7,924.67	7,293.79	13,562.78	4,526.62	6,095.22	7,282.08	7,785.92	75,427.72
19. Commercial / Industrial Custom Incentive	4,470.82	5,143.38	55,769.01	40,773.12	5,273.86	5,839.52	5,779.75	6,854.58	4,692.36	5,605.25	21,120.63	7,105.22	168,427.50

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Conservation Costs By Program**  
**Summary of Actual Expenses By Program By Month**

Program	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Renewable Energy Plan:</b>													
20. Renewable Energy Plan Common	9,148.82	15,528.15	13,661.61	13,575.03	15,710.70	13,994.59	14,564.79	14,342.02	18,738.94	13,872.01	16,162.04	14,873.24	174,171.94
21. Solar for Schools	29.37	(29.37)	0.00	0.00	25,342.65	0.00	(156.00)	0.00	0.00	0.00	0.00	30,733.90	55,920.55
22. Solar Thermal Water Heating	3,628.59	3,371.41	0.00	3,000.00	4,000.00	0.00	3,000.00	2,034.00	1,000.00	983.00	1,000.00	0.00	22,017.00
23. Solar PV	66,538.18	116,396.62	10,000.00	30,540.00	143,750.00	8,280.00	30,000.00	20,000.00	0.00	4,317.00	0.00	0.00	429,821.80
24. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	(22.97)	0.00	22.97	56,589.00	0.00	0.00	9,430.50	0.00	66,019.50
25. Energy Select Electric Vehicle Pilot	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	70.00	0.00	0.00	2,000.00	13.34	3,083.34
<b>26. Conservation Demonstration and Development:</b>													
a. UWF Best House	24,260.83	(24,260.83)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50,191.78	50,191.78
b. NEST Thermostat	269.78	259.46	1,584.97	6,568.60	3,834.46	3,841.50	4,323.18	4,039.47	3,773.69	3,826.99	3,828.50	3,745.82	39,896.42
c. McDonald's Geothermal Measure & Verify	269.78	259.46	3,040.33	2,978.92	2,994.78	2,585.15	2,254.33	2,202.94	2,204.84	2,258.14	2,259.65	2,176.97	25,485.29
d. EnergySelect Electric Vehicle Project	269.77	20,259.45	(19,674.02)	264.56	20,280.42	1,121.12	280.83	425.27	249.73	272.96	274.46	249.36	24,273.91
e. Variable Geothermal HVAC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	420.63	420.63
f. Variable Speed Pool Pump	0.00	0.00	0.00	0.00	0.00	94,478.00	(94,478.00)	0.00	0.00	0.00	0.00	0.00	0.00
g. Total	25,070.16	(3,482.46)	(15,048.72)	9,812.08	27,109.66	102,025.77	(87,619.66)	6,667.68	6,228.26	6,358.09	6,362.61	56,784.56	140,268.03
27. Total All Programs	1,478,462.45	1,562,431.51	1,474,564.72	1,732,800.82	1,942,346.38	2,558,263.67	2,359,057.44	2,029,030.07	1,786,959.91	1,893,703.57	2,248,557.24	1,859,325.32	22,925,503.10

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Conservation Costs By Program**  
**Calculation of Over/Under Recovery**

Conservation Revenues	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. EnergySelect RSVP Fees	13,386.95	12,376.18	10,971.00	3,351.23	0.00	(240.00)	0.00	0.00	(108.50)	0.00	0.00	(60.00)	39,676.86
2. Over/(Under) Recovery	1,873,515.00	1,785,399.12	1,918,241.07	1,769,035.64	2,327,612.02	2,463,514.34	2,762,413.68	2,560,255.02	2,293,065.37	2,022,828.85	1,713,116.63	1,653,291.26	25,142,286.20
3. Total Revenues	1,886,901.95	1,797,775.30	1,929,212.07	1,772,386.87	2,327,612.02	2,463,274.34	2,762,413.68	2,560,255.02	2,292,956.87	2,022,828.85	1,713,116.83	1,653,231.26	25,181,965.06
4. Adjustment not Applicable to Period - Prior True Up	(628,113.83)	(628,113.83)	(628,113.83)	(628,114.51)	(628,114.00)	(628,114.00)	(628,114.00)	(628,114.00)	(628,114.00)	(628,114.00)	(628,114.00)	(628,112.00)	(7,537,366.00)
5. Conservation Revenues Applicable to Period	1,258,788.12	1,169,661.47	1,301,098.24	1,144,272.36	1,699,498.02	1,835,160.34	2,134,299.68	1,932,141.02	1,664,842.87	1,394,714.85	1,085,002.83	1,025,119.26	17,644,599.06
6. Conservation Expenses (CT-3, Page 3, Line 27)	1,478,462.45	1,562,431.51	1,474,564.72	1,732,800.82	1,942,346.36	2,556,263.67	2,359,057.44	2,029,030.07	1,786,959.91	1,893,703.57	2,248,557.24	1,859,325.32	22,925,503.10
7. True Up this Period (Line 5 - 6)	(219,674.33)	(392,770.04)	(173,466.48)	(588,528.46)	(242,848.36)	(723,103.33)	(224,757.76)	(96,889.05)	(122,117.04)	(498,988.72)	(1,163,554.41)	(834,206.06)	(5,280,904.04)
8. Interest Provision this Period (CT-3, Page 5, Line 11)	(178.78)	(211.57)	(155.41)	(170.37)	(180.71)	(185.48)	(179.48)	(113.02)	(41.27)	(12.72)	(41.99)	(81.84)	(1,532.64)
9. True Up & Interest Provision Beginning of Month	(3,133,285.79)	(2,856,477.48)	(2,421,345.24)	(1,966,853.30)	(1,927,437.62)	(1,542,352.69)	(1,637,527.50)	(1,234,350.74)	(703,238.81)	(197,283.12)	(68,170.56)	(603,652.96)	(3,064,738.18)
10. Adjustment for Prior Period - 2011 (Note A)	68,547.61												
11. Adjusted True Up & Interest Provision Beginning of Mo.	(3,064,738.18)												
10. Prior True Up Collected or Refunded	628,113.83	628,113.83	628,113.83	628,114.51	628,114.00	628,114.00	628,114.00	628,114.00	628,114.00	628,114.00	628,114.00	628,112.00	7,537,366.00
11. End of Period- Net True Up	(2,856,477.46)	(2,421,345.24)	(1,966,853.30)	(1,927,437.62)	(1,542,352.69)	(1,637,527.50)	(1,234,350.74)	(703,238.81)	(197,283.12)	(68,170.56)	(603,652.96)	(609,808.86)	(809,808.86)

Note A: An adjustment of 2011 expenses booked in January 2012 and reflected in the revised January 2012 beginning balance.

**Gulf Power Company**  
**ENERGY CONSERVATION COST RECOVERY (ECCR)**  
 Calculation of the Final True-Up Amount  
 For the Period: January 2012 - December 2012

**Computation of Interest Expense**  
**Energy Conservation Adjustment**

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. Beginning True up Amount	(3,064,738.18)	(2,656,477.46)	(2,421,345.24)	(1,966,853.30)	(1,927,437.62)	(1,542,352.69)	(1,637,527.50)	(1,234,350.74)	(703,238.81)	(197,283.12)	(68,170.56)	(603,652.96)	
2. Ending True up before Interest	(2,656,298.68)	(2,421,133.67)	(1,966,697.89)	(1,927,267.25)	(1,542,171.98)	(1,637,342.02)	(1,234,171.26)	(703,125.79)	(197,241.85)	(68,157.84)	(603,610.97)	(809,747.02)	
3. Total beginning & ending	(5,721,036.86)	(5,077,611.13)	(4,388,043.13)	(3,894,120.55)	(3,469,609.60)	(3,179,694.71)	(2,871,698.76)	(1,937,476.53)	(900,480.66)	(265,440.96)	(671,781.53)	(1,413,399.98)	
4. Average True up Amount	(2,860,518.43)	(2,538,805.57)	(2,194,021.57)	(1,947,060.28)	(1,734,804.80)	(1,589,847.36)	(1,435,849.38)	(968,738.26)	(450,240.33)	(132,720.48)	(335,890.76)	(706,699.89)	
5. Interest Rate First Day Reporting Business Month	0.0300	0.1200	0.0800	0.0900	0.1200	0.1300	0.1500	0.1500	0.1300	0.0900	0.1400	0.1600	
6. Interest Rate First Day Subsequent Business Month	0.1200	0.0800	0.0900	0.1200	0.1300	0.1500	0.1500	0.1300	0.0900	0.1400	0.1600	0.0500	
7. Total of Lines 5 and 6	0.1500	0.2000	0.1700	0.2100	0.2500	0.2800	0.3000	0.2800	0.2200	0.2300	0.3000	0.2100	
8. Average Interest rate (50% of Line 7)	0.0750	0.1000	0.0850	0.1050	0.1250	0.1400	0.1500	0.1400	0.1100	0.1150	0.1500	0.1050	
9. Monthly Average Interest Rate Line 8 \ 12	0.000063	0.000083	0.000071	0.000088	0.000104	0.000117	0.000125	0.000117	0.000092	0.000096	0.000125	0.000088	
10. Interest Adjustment													
11. Interest Provision (Line 4 X 9)	(178.78)	(211.57)	(155.41)	(170.37)	(180.71)	(185.48)	(179.48)	(113.02)	(41.27)	(12.72)	(41.99)	(61.84)	(1,532.64)

**Gulf Power Company**  
**ENERGY CONSERVATION COST RECOVERY (ECCR)**  
**Calculation of the Final True-Up Amount**  
**For the Period: January 2012 - December 2012**

**Schedule of Capital Investment, Depreciation and Return**  
**Energy Select**

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Investments Added to Plant In Service (Net of Retirements)		61,821.60	29,160.83	21,200.07	54,341.30	334,371.80	(353,408.38)	(44,372.12)	(37,098.78)	27,815.81	123,058.26	56,409.27	107,268.84	
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	10,204,706.76	10,266,528.36	10,295,689.19	10,316,899.26	10,371,230.56	10,705,602.36	10,352,193.98	10,307,821.86	10,270,723.08	10,298,338.89	10,421,397.15	10,477,806.42	10,585,075.26	
3	Depreciation Expense (Note A) (PM Ln 2 * .0023)		23,470.83	23,613.02	23,680.09	23,728.85	23,853.83	24,622.89	23,810.05	23,707.99	23,622.66	23,688.18	23,969.21	24,098.95	285,864.55
4	Salvage, Cost of Removal and Retirement		(107,498.84)	(136,601.09)	(170,156.91)	(101,720.54)	(18,530.00)	(401,364.61)	(225,455.69)	(315,090.63)	(243,848.84)	(160,329.07)	(227,079.03)	(202,260.24)	
5	Less: Accum. Depr, COR and Sal. (PM Ln 5 + CM Ln 3 + 4)	(2,125,037.87)	(2,209,065.88)	(2,322,053.95)	(2,468,530.77)	(2,546,522.46)	(2,539,198.63)	(2,915,940.35)	(3,117,595.99)	(3,408,968.63)	(3,629,194.61)	(3,765,837.50)	(3,968,947.32)	(4,147,108.61)	
6	Net Plant In Service (CM Ln 2 - CM Ln 5)	12,329,744.63	12,475,594.24	12,617,743.14	12,785,420.03	12,917,753.02	13,244,800.99	13,268,134.33	13,425,407.85	13,679,691.71	13,927,533.50	14,187,234.65	14,446,753.74	14,732,183.87	
7	Net Additions/Reductions to CWIP	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	
8	CWIP Balance (PM Ln 8 + CM Ln 7)	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	Inventory	1,856,274.02	1,826,081.23	1,682,646.56	1,597,901.93	1,687,568.50	1,990,183.19	1,906,414.73	2,765,097.84	3,158,949.46	3,253,502.50	3,076,225.06	2,954,847.23	2,867,223.08	
10	Net Investment (CM Ln 6 + CM Ln 8 + CM Ln 9)	14,186,018.65	14,301,675.47	14,300,389.70	14,383,321.96	14,605,321.52	14,933,964.18	15,174,549.06	16,190,505.69	16,838,641.17	17,181,036.00	17,263,459.71	17,401,600.97	17,599,406.95	
11	Average Net Investment (PM Ln 10 + CM Ln 10)/2	14,186,018.65	14,243,847.06	14,301,032.59	14,341,855.83	14,404,321.74	14,769,642.85	15,054,256.62	15,682,527.38	16,514,573.43	17,009,838.59	17,222,247.86	17,332,530.34	17,500,503.96	
12	Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.008170	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	
13	Return Requirement on Average Net Investment (CM Ln 11 * CM Ln 12)		134,378.45	134,915.94	135,301.07	118,418.61	111,451.72	113,599.42	118,340.35	124,818.97	128,356.24	129,959.08	130,791.27	132,058.80	1,512,187.92
14	Property Tax		9,407.59	9,407.59	9,407.59	9,407.59	9,407.59	9,407.59	9,407.59	9,407.59	9,407.59	9,407.59	9,407.59	9,407.63	112,891.12
15	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 13 + CM Ln 14)		167,254.87	167,936.55	168,388.75	151,555.05	144,713.14	147,629.90	151,557.99	157,734.55	161,386.49	163,052.85	164,168.07	165,565.38	1,910,943.59

Notes:

(A) Energy Select Property Additions Depreciated at 2.8% per year

(B) Revenue Requirement Return (Includes Income Taxes) for January through April 10, 2012 is 11.3210%; April 11 through April 30, 2012 is 9.8031%; May through December is 9.0555%.

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Schedule of Capital Investment, Depreciation and Return  
Flow Meter**

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant In Service (Net of Retirements)								(8,093.56)						
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	0.00	0.00	0.00	0.00	0.00	0.00	
3 Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2)/2 * .011905		96.35	(96.21)	0.00	0.00	0.00	0.00	(8,093.56)	8,093.56	0.00	0.00	0.00	0.00	0.14
4 Retirements		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5 Salvage		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6 Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	8,093.42	8,189.77	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	0.00	0.00	0.00	0.00	0.00	0.00	
7 Net Plant in Service (CM Ln 2 - CM Ln 6)	0.14	(96.21)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8 Net Additions/Reductions to CWIP	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 CWIP Balance (PM Ln 9 + CM Ln 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	
10 Inventory														
11 Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	0.14	(96.21)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12 Average Net Investment (PM Ln 11 + CM Ln 11)/2		(48.03)	(48.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13 Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.008170	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	
14 Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		(0.45)	(0.45)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.90)
15 Property Tax		5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	66.72
16 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		101.46	(91.10)	5.56	5.56	5.56	5.56	(8,088.00)	8,099.12	5.56	5.56	5.56	5.56	65.96

Notes:

(A) Flow Meter is Seven year Property 1.1905% per month.

(B) Revenue Requirement Return (includes Income Taxes) for January through April 10, 2012 is 11.3210%; April 11 through April 30, 2012 is 9.8031%; May through December is 9.0555%.

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Schedule of Capital Investment, Depreciation and Return  
Residential Energy Survey Displays**

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Investments Added to Plant In Service (Net of Retirements)														
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	
3	Depreciation Expense (Note A) (PM Ln 2 * .0023)		164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	1,973.52
4	Retirements		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	Salvage		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Less: Accum. Depr. COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	3,947.04	4,111.50	4,275.96	4,440.42	4,604.88	4,769.34	4,933.80	5,098.26	5,262.72	5,427.18	5,591.64	5,756.10	5,920.56	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	9,867.33	9,702.87	9,538.41	9,373.95	9,209.49	9,045.03	8,880.57	8,716.11	8,551.65	8,387.19	8,222.73	8,058.27	7,893.81	
8	Net Additions/Reductions to CWIP	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	CWIP Balance (PM Ln 9 + CM Ln 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	
10	Inventory														
11	Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	9,867.33	9,702.87	9,538.41	9,373.95	9,209.49	9,045.03	8,880.57	8,716.11	8,551.65	8,387.19	8,222.73	8,058.27	7,893.81	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2		9,785.10	9,620.64	9,456.18	9,291.72	9,127.26	8,962.80	8,798.34	8,633.88	8,469.42	8,304.96	8,140.50	7,976.04	
13	Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.008170	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		92.31	90.76	89.21	75.91	68.87	67.63	66.39	65.15	63.91	62.67	61.43	60.19	864.43
15	Property Tax		9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	113.88
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		266.26	264.71	263.16	249.86	242.82	241.58	240.34	239.10	237.86	236.62	235.38	234.14	2,951.83

Notes:

(A) Displays are Seven year Property 1.1905% per month.

(B) Revenue Requirement Return (includes Income Taxes) for January through April 10, 2012 is 11.3210%; April 11 through April 30, 2012 is 9.8031%; May through December is 9.0555%.



**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2012 - December 2012

**Schedule of Capital Investment, Depreciation and Return  
Thermal Imaging Tools**

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant In Service (Net of Retirements)														
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
3 Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2)2 * .011905		543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	6,521.88
4 Retirements		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5 Salvage		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6 Less: Accum. Depr. COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	13,043.52	13,587.01	14,130.50	14,673.99	15,217.48	15,760.97	16,304.46	16,847.95	17,391.44	17,934.93	18,478.42	19,021.91	19,565.40	
7 Net Plant In Service (CM Ln 2 - CM Ln 6)	32,809.18	32,065.69	31,522.20	30,978.71	30,435.22	29,891.73	29,348.24	28,804.75	28,261.26	27,717.77	27,174.28	26,630.79	26,087.30	
8 Net Additions/Reductions to CWIP	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 CWIP Balance (PM Ln 9 + CM Ln 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	
10 Inventory														
11 Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	32,809.18	32,065.69	31,522.20	30,978.71	30,435.22	29,891.73	29,348.24	28,804.75	28,261.26	27,717.77	27,174.28	26,630.79	26,087.30	
12 Average Net Investment (PM Ln 11 + CM Ln 11)/2		32,337.44	31,793.95	31,250.46	30,706.97	30,163.48	29,619.99	29,076.50	28,533.01	27,989.52	27,446.03	26,902.54	26,359.05	
13 Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.008170	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	0.007546	
14 Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		305.07	299.94	294.82	250.88	227.61	223.51	219.41	215.31	211.21	207.11	203.01	198.91	2,856.79
15 Property Tax		31.36	31.36	31.36	31.36	31.36	31.36	31.36	31.36	31.36	31.36	31.36	31.40	376.36
16 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		879.92	874.79	869.67	825.73	802.46	798.36	794.26	790.16	786.06	781.96	777.86	773.80	9,755.03

Notes:

(A) Thermal Imaging Tools are Seven year Property 1.1905% per month.

(B) Revenue Requirement Return (Includes Income Taxes) for January through April 10, 2012 is 11.3210%; April 11 through April 30, 2012 is 9.8031%; May through December is 9.0555%.

Schedule CT-5

GULF POWER COMPANY

Reconciliation and Explanation of  
Differences Between Filing and FPSC Audit  
Report for Months, January, 2011 through December, 2011

(If no differences exist, please state.)

NO DIFFERENCES

Schedule CT-6  
Page 1 of 27

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 through energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

Program Accomplishments: During 2012, Gulf performed 8,863 energy audits. This included 5,388 online audits, 2,074 in home audits and 1,401 pre-construction audits. Additionally, during 2012, 39,213 of Gulf's customers received a Home Energy Report compared to a projection of 39,247 or 34 less than the projection.

Gulf provided 2-days of professional development training in energy efficiency and solar energy for 25 educators, and provided energy curriculum and hands-on classroom energy projects to more than 60 teachers. Gulf also worked with two schools to create student energy teams and energy use reduction plans for their schools, and provided in-class demonstrations of energy concepts to more than 25 classrooms in all grade levels. Gulf also created a hands-on energy station within a summer science Exploratorium that saw more than 4,500 visitors in 10 weeks.

Program Fiscal Expenditures: For 2012, Gulf projected \$3,375,558 of expenses compared to actual expenses of \$2,696,726 resulting in a variance of \$678,832 or 20% under the projection.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 199,478 residential energy surveys and 39,213 customers are receiving Home Energy Reports.

Schedule CT-6  
Page 2 of 27

Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families in managing their energy costs. Through this program, qualifying customers not only 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 utility operating costs.

Program Accomplishments: During 2012, 3,327 of Gulf's customers received the measures included in this program compared to a projection of 2,500 participants, a difference of 827 over the projection.

Program Fiscal Expenditures: For 2012, Gulf projected expenses for this program of \$943,835 compared to actual expenses of \$936,373 resulting in a variance of \$7,462 or 0.8% under the projection.

Program Progress Summary: A total of 5,208 customers have received the efficiency measures included in the Community Energy Saver program since the program's launch in 2011.

Schedule CT-6  
Page 3 of 27

Program Description and Progress

Program Title: Landlord/Renter 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 including HVAC, insulation, windows, water heating, lighting, appliances, etc. including additional incentives as appropriate to overcome the split-incentive barrier which exists in a landlord/renter situation. Additionally, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Accomplishments: During 2012, no participants were enrolled in this program compared to a projection of 750 or 750 under the projection.

Program Fiscal Expenditures: During 2012, \$220,273 in expenses were projected, compared to actual expenses of \$120,992 resulting in a variance of \$99,281 or 45% under the projection.

Program Progress Summary: Since its launch in 2011, there is 1 customer who has participated in the Landlord/Renter Custom Incentive program.

Schedule CT-6  
 Page 4 of 27

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
- HVAC early retirement (for inefficient systems)
- HVAC upgrades
- Duct repair
- Retrofit of an electronically commutated motor fan on existing HVAC systems

Incentives are offered to participants.

Program Accomplishments: During 2012, compared to the projection for 2012, the following participation was achieved:

Measure	2012 Year End Projection	2012 Actual Participation	Variance
HVAC maintenance	9,500	6,793	(2,707)
HVAC early retirement Tier One	825	803	(22)
HVAC early retirement Tier Two	575	547	(28)
HVAC early retirement Tier Three	30	41	11
HVAC upgrades Tier One	179	187	8
HVAC upgrades Tier Two	118	127	9
HVAC upgrades Tier Three	98	88	(10)
Duct repair	3,000	5,320	2,320
ECM Fan	5	3	(2)

Program Fiscal Expenditures: – For 2012, Gulf projected \$4,445,065 in expenses compared to actual expenses of \$5,269,864 resulting in a variance of \$824,799 or 18.6% over the projection.

Schedule CT-6  
Page 5 of 27

Program Progress Summary: Since its launch in 2012, the following participation has been achieved:

- HVAC maintenance - 9,582
- HVAC early retirement - Tier One - 979
- HVAC early retirement - Tier Two - 772
- HVAC early retirement - Tier Three - 41
- HVAC upgrades - Tier One - 217
- HVAC upgrades - Tier Two - 177
- HVAC upgrades - Tier Three - 133
- Duct repair - 5,490
- ECM Fan - 3

Schedule CT-6  
Page 6 of 27

Program Description and Progress

Program Title: Heat Pump Water Heater Program

Program Description: This program provides incentives directly to the customer for the installation of high-efficiency Heat Pump Water Heating equipment for domestic hot water production.

Program Accomplishments: During 2012, 873 customers participated in this program compared to a projection for 2012 of 670 for a variance of 203 more participants than projected.

Program Fiscal Expenditures: For the 2012 reporting period, \$679,885 in expenses were projected, compared to actual expenses of \$788,344 resulting in a variance of \$108,459, or 16% over the projection.

Program Progress Summary: Since its launch in 2011, 1,177 customers have participated in this program.



Schedule CT-6  
Page 7 of 27

Program Description and Progress

Program Title: Ceiling Insulation Program

Program Description: This program provides incentives to encourage customers to install high efficiency insulation or increase insulation in existing residential single-family and multi-family homes. The objective of this program is to reduce heat loss and heat gain from both conductive and convective means by increased insulation.

Program Accomplishments: During 2012, 780 customers participated in this program. The projection for 2012 was 775 participants resulting in a variance of 5 more participants than projected.

Program Fiscal Expenditures: For 2012, Gulf projected \$362,156 in expenses compared to actual expenses of \$325,666 resulting in a variance of \$36,490, or 10% under the projection.

Program Progress Summary: Since its launch in 2011, 1,174 customers have participated in this program.

Schedule CT-6  
Page 8 of 27

Program Description and Progress

Program Title: High Performance Window Program

Program Description: This program provides incentives to install high-efficiency windows or window film in existing or new residential applications. The objective of the program is to reduce solar heat gain into a home which, in turn, leads to reduced HVAC loads and operating costs.

Program Accomplishments: During 2012, 658 customers have installed high-efficiency windows and 178 customers have installed window film as part of this program. Projections for 2012 were 350 and 200 participants respectively resulting in 308 more window participants and 22 fewer window film participants than projected.

Program Fiscal Expenditures: For 2012, Gulf projected \$295,274 in expenses compared to actual expenses of \$259,711 resulting in a variance of \$35,563, or 12% under the projection.

Program Progress Summary: Since its launch in 2011, 1,129 customers have installed high-efficiency windows and 242 customers have installed window film as part of this program.

Schedule CT-6  
Page 9 of 27

Program Description and Progress

Program Title: Reflective Roof Program

Program Description: This program provides incentives to install ENERGY STAR qualified cool/reflective roofing products when constructing a new home or replacing the roof on an existing residence. The objective of this program is to significantly decrease the amount of heat that is transferred through roof assemblies and into vented attic spaces which, in turn, decreases the transfer of heat into the home's conditioned living area.

Program Accomplishments: During 2012, 229 customers have participated in this program compared to a 2012 projection of 240 or 11 participants under the projection.

Program Fiscal Expenditures: For 2012, \$223,234 in expenses was projected compared to \$201,856 in actual expenses resulting in a variance of \$21,378, or 10% under the projection.

Program Progress Summary: Since its launch in 2011, 259 customers have participated in this program.

Schedule CT-6  
Page 10 of 27

Program Description and Progress

Program Title: Variable Speed/Flow Pool Pump Program

Program Description: This program provides an incentive to encourage the installation of high-efficiency variable speed or variable flow pool pumping and control equipment in both new and existing residential applications. The objective of this program is to reduce the energy, demand, and cost associated with swimming pool operation.

Program Accomplishments: During 2012, 3,491 customers have installed a variable speed pool pump compared to a 2012 projection of 3,200 or 291 over the projection.

Program Fiscal Expenditures: The 2012 projection for this program was \$1,971,846 compared to actual expenses of \$2,227,546 resulting in a variance of \$255,700, or 13% over the projection.

Program Progress Summary: Since its launch in 2011, 4,854 customers have participated in this program.

Schedule CT-6  
Page 11 of 27

### Program Description and Progress

Program Title: Energy *Select* / Energy *Select* Lite

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 automatically respond to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy. The Energy *Select* Lite subset of the program was originally intended to provide a separate means to expand price responsive load management program participation to include residential customers who did not meet certain participation standards for Energy *Select*. The Energy *Select* Lite program utilizes broadband technology and does not require land-line telephone service, whereas the Energy *Select* program historically has required land-line telephone service. Due to the addition of load control relays to the broadband-enabled thermostat, there is no longer a difference between Energy *Select* and Energy *Select* Lite with regard to functionality and the equipment used for new installations. For purposes of the cost recovery process, the two programs are now being treated as a single program.

Program Accomplishments: During 2012, Energy *Select* / Energy *Select* Lite programs experienced a net addition of 1,799 participants. This compared to a 2012 combined program projection of 1,600, or 199 over the projection.

Program Fiscal Expenditures: During 2012, there were projected expenses of \$5,925,489 compared with actual expenses of \$5,811,228. This results in a deviation of \$114,261, or 2% under the projection.

Program Progress Summary: As of December 2012, there were 10,478 participating customers.

Schedule CT-6  
Page 12 of 27

Program Description and Progress

Program Title: Self-Install Energy Efficiency Program

Program Description: This program promotes the purchase and installation of ENERGY STAR rated appliances, lighting and other self-installed energy saving measures for residential customers. The program focuses on increasing customer awareness of the benefits of energy efficient technologies and products through customer education, retail partnerships, promotional distribution of compact fluorescent light bulbs (CFLs), on-line store, energy audits and seasonal promotional campaigns.

Program Accomplishments: During 2012, 4,928 customers installed qualifying ENERGY STAR appliances including 2,327 ENERGY STAR Refrigerators, 199 ENERGY STAR Freezers, 204 ENERGY STAR Window A/Cs, 2,198 ENERGY STAR Clothes Washers. Additionally, there were 77,646 CFLs acquired. The projection for 2012 was 4,500 ENERGY STAR appliances and 60,000 CFLs resulting in variances of 428 and 17,646 more participants than the projection respectively.

Program Fiscal Expenditures: For 2012, program expenses were projected to be \$416,164 compared to actual expenses of \$469,562 resulting in a variance of \$53,398, or 13% over the projection.

Program Progress Summary: Since its launch in 2011, 5,919 customers have installed ENERGY STAR appliances as part this program including 2,829 ENERGY STAR Refrigerators, 235 ENERGY STAR Freezers, 240 ENERGY STAR Window A/Cs and 2,615 ENERGY STAR Clothes Washers. Additionally, 80,846 CFLs were acquired.

Schedule CT-6  
Page 13 of 27

Program Description and Progress

Program Title: Refrigerator Recycling Program

Program Description: This program is intended to eliminate inefficient or extraneous refrigerators in an environmentally safe manner and produce cost-effective long-term energy and peak demand savings in the residential sector. The objective of the program is to increase customer awareness of the economic and environmental costs associated with running inefficient, older appliances in a household, and to provide eligible customers with free refrigerator and freezer pick-up services in addition to a cash incentive.

Program Accomplishments: During 2012, 1,064 customers participated in this program compared to a projection 1,000, or 64 more participants than the projection.

Program Fiscal Expenditures: During 2012, expenses were projected to be \$310,402 compared to actual expenses of \$260,560 resulting in a variance of \$49,842, or 16% under the projection.

Program Progress Summary: Since its launch in 2011, 1,879 customers have participated in this program.

Schedule CT-6  
Page 14 of 27

### Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to our existing commercial and industrial customers on how to reduce, and make the most efficient use of, energy. This program covers from the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large energy intensive customers. The program is designed to include semi-annual and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Accomplishments: During 2012, the Company performed 420 commercial/industrial audits. The total projection for 2012 was 600 audits for a variance of 180 fewer participants than projected.

Program Fiscal Expenditures: For 2012, Gulf projected expenses of \$1,069,468 compared to actual expenses of \$673,887 for a deviation of \$395,581, or 37% under budget.

Program Progress Summary: Since this program was launched 20,866 commercial/industrial audits have been performed.



Schedule CT-6  
Page 15 of 27

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 make improvements to the system to bring its 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 Accomplishments: During 2012, 307 customers have participated in this program compared to a projection of 490 participants resulting in a variance of 183 less participants than projected.

Program Fiscal Expenditures: For 2012, the Company projected \$140,756 in program expenses compared to actual expenses of \$93,727 resulting in a variance of \$47,029, or 33% under the projection.

Program Progress Summary: Since its launch in 2011, 630 customers have participated in this program.

Schedule CT-6  
 Page 16 of 27

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 goal of the program is 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 multiple options including HVAC efficiency upgrades, heat pump water heater installations, ceiling/roof insulation improvements, window film installation, interior lighting improvements, commercial occupancy sensors and commercial reflective roof installations.

Program Accomplishments: During 2012, compared to the 2012 projection, the measures in this program have had the following participation:

Program	Annual Projections (2012)	Actual Participation (2012)	Variance
Commercial HVAC (tons of installed HVAC)	1,083	1,608	525
Commercial Geothermal Heat Pump (tons of installed HVAC)	200	290	90
Heat Pump Water Heater	1	1	0
Ceiling/Roof Insulation (square feet)	80,501	80,704	203
Window Film (square feet)	24,277	21,863	(2,414)
Commercial Interior Lighting (kW)	695	876	181
Commercial Interior Lighting LED (kW)	40	342	302
Commercial Occupancy Sensor	600	1,171	571
Commercial Reflective Roof (square feet)	300,000	424,855	124,855

Program Fiscal Expenditures: During the reporting period, Gulf projected \$1,609,070 in expenses compared to actual expenses of \$1,508,579 for a variance of \$100,491, or 6% under the projection.

Schedule CT-6  
Page 17 of 27

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

<b>Program</b>	<b>Program to Date Participation</b>
Commercial HVAC (tons of installed HVAC)	1,693
Commercial Geothermal Heat Pump (tons of installed HVAC)	290
Heat Pump Water Heater	1
Ceiling/Roof Insulation (square feet)	102,884
Window Film (square feet)	21,863
Commercial Interior Lighting (kW)	1,158
Commercial Interior Lighting LED (kW)	403
Commercial Occupancy Sensor	1,851
Commercial Reflective Roof (square feet)	510,668

Schedule CT-6  
Page 18 of 27

Program Description and Progress

Program Title: HVAC Occupancy Sensor

Program Description: This program is intended to help manage energy consumption and reduce energy waste in hotel rooms by providing hotel owners in Gulf Power's service area the opportunity to automatically control temperature settings in hotel rooms when the rooms are unoccupied.

Program Accomplishments: For the reporting period, 330 sensors have been installed as part of this program compared to a projection of 270, or 60 sensors over the projection.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$47,112 compared to actual expenses of \$54,896 resulting in a variance of \$7,784, or 17% over the projection.

Program Progress Summary: Since its launch in 2011, 511 HVAC occupancy sensors have been installed as part of the HVAC Occupancy Sensor program.

Schedule CT-6  
Page 19 of 27

Program Description and Progress

Program Title: High Efficiency Motor Program

Program Description: This program is designed to encourage commercial and industrial customers to install premium-efficiency motors in new or existing facilities. The objective is to reduce demand and energy associated with electric motors by encouraging the replacement of worn out, inefficient motors with high efficiency motors.

Program Accomplishments: During 2012, 2,243 horsepower (HP) of energy efficient motors have been installed compared to a projection of 4,325 HP, or 2,082 HP below the projection.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$42,408 compared to actual expenses of \$51,152 resulting in a variance of \$8,744, or 21% over the projection.

Program Progress Summary: Since its launch in 2011, customers have installed 2,563 HP in energy efficiency motors.

Schedule CT-6  
Page 20 of 27

Program Description and Progress

Program Title: Food Service Efficiency Program

Program Description: This program encourages the installation of ENERGY STAR qualified or equivalent energy efficient commercial and industrial food service equipment. The objective of the program is to reduce energy consumption and demand as well as operating costs for the customer through the use of qualified food service equipment including convection ovens, fryers, griddles, steamers, holding cabinets and ice machines.

Program Accomplishments: During 2012, 44 participants enrolled in this program including 8 Convection Ovens, 17 Fryers, 1 Griddle, 0 Steamers, 2 Holding Cabinets and 16 Ice Machines. This compared to a projection of 45, or one fewer than the projection.

Program Fiscal Expenditures: During the reporting period, Gulf projected expenses of \$66,508 compared to actual expenses of \$75,427 resulting in a variance of \$8,919, or 13% over the projection.

Program Progress Summary: Since its launch in 2011, 44 customers have participated in the Food Service Efficiency program.

Schedule CT-6  
Page 21 of 27

### 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 Accomplishments: During 2012, 5 customers participated in this program resulting in at the meter kWh reductions of 1,118,968, summer kW reductions of 375 and winter kW reductions of 150.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$254,832 compared to actual expenses of \$168,428 resulting in a variance of \$86,404, or 34% under the projection.

Program Progress Summary: Since its launch in 2011, 11 customers participated in the Commercial/Industrial Custom Incentive program resulting in at the meter kWh reductions of 5,104,841, summer kW reductions of 815 and winter kW reductions of 593.

Schedule CT-6  
Page 22 of 27

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program promotes the deployment of demand-side renewable technologies through a portfolio of four programs. These programs include funding to deploy Solar Photovoltaic (PV) systems up to 10 kW in public education facilities (Solar for Schools), offering PV rebates and solar thermal water heating (STWH) rebates to customers installing qualifying systems and facilitating the installation of STWH systems in low-income housing units.

Program Accomplishments: During 2012, the following participation occurred in this program:

- Solar for Schools – One 10kW solar PV system was installed in a school as part of Gulf's Solar for Schools program.
- Solar PV (residential and commercial) – 46 customers completed the installation of a qualifying solar PV system and received an incentive.
- Solar Thermal Water Heating – 22 customers completed the installation of a qualifying solar thermal water heating system and received an incentive.
- Solar Thermal Water Heating for Low Income – Gulf facilitated the installation of 14 qualifying solar thermal water heating systems in low-income residential housing units in 2012. The program provided the full installation cost for twelve installations in Habitat for Humanity residences and two installations in Section 8 low-income housing units managed by Community Enterprise Investments, Inc. (CEII).

Program Fiscal Expenditures: During 2012, \$747,951 in actual expenses have been incurred compared to a projection of \$900,338 resulting in a variance of \$152,387, or 17% under the projection.



Schedule CT-6  
Page 23 of 27

Program Progress Summary: Since its launch in 2011, participation is as follows:

<b>Measure</b>	<b>Program Participation (Program to Date)</b>
Solar for Schools	1 PV System Installed
Solar PV (Residential and Commercial)	88 PV Systems Installed
Solar Thermal Water Heater (STWH)	57 STWH Systems Installed
Solar Thermal Water Heater for Low Income	29 STWH Systems Installed

Schedule CT-6  
Page 24 of 27

Program Description and Progress

Program Title: Electric Vehicle Pilot Program

Program Description: The EnergySelect Electric Vehicle Pilot Program will provide residential customers with an incentive to encourage electric vehicle transportation and off-peak charging through the EnergySelect Program. The objective of this pilot program is to measure customer acceptance of EVs and PHEVs as well as customer response to charging these electric vehicles using Gulf Power's existing EnergySelect Program.

Program Accomplishments: During 2012, 4 customers participated in the Electric Vehicle Pilot Program.

Program Fiscal Expenditures: During 2012, \$3,083 in actual expenses were incurred in this program compared to a projection of \$100,000 resulting in a variance of \$96,917 or 97% under the projection.

Program Progress Summary: Since its launch in 2012, 4 customers participated in the Electric Vehicle Pilot Program.

Schedule CT-6  
Page 25 of 27

Program Description and Progress

Program Title: Conservation Demonstration and Development

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:

**The C.O.R.E. Initiative (formerly the UWF BEST House)**

The modified house now known as The Community Outreach, Research and Education (C.O.R.E.) Initiative will be used as a center to explain and demonstrate the advantages of retrofitting existing homes for energy efficiency. The C.O.R.E. initiative is committed to improving construction education at the University of West Florida (UWF) and in the greater Pensacola, Florida community. The C.O.R.E. facility is a multipurpose laboratory; a research lab, a trade demonstration area, a construction yard, and an interactive, energy efficiency and demonstration showcase. The C.O.R.E. facility will promote energy efficient construction through the innovative display of cutting-edge technology, and through community outreach and participation. The lab will be made available to students, industry professionals and the general public.

The facility will accommodate a research initiative in an effort to measure the efficacy of different building technologies and installations. The C.O.R.E. initiative is particularly interested in the metering and measurement of sealed attic spaces, roof types, wall forms, windows, water heaters, Heating, Ventilation and Air Conditioning (HVAC) equipment, renewable energy and controls systems. The construction yard and demonstration area would provide a similar opportunity for materials research and community seminars.

Gulf Power is acting as the primary Energy Consultant to all end uses and new technologies that will continue to be donated to this project. Gulf Power will pay for the purchase, installation and monitoring of equipment that will provide data on a wide variety of energy and water end uses.

The schedule for completion of phase I of the project has shifted to the second quarter of 2013 due to committee decisions regarding the overall design. Demolition is now complete and contractor is on site beginning site and interior work.

Schedule CT-6  
Page 26 of 27

**Energy Select Electric Vehicle Project**

This project is complete and a final report will be filed with the Commission by the end of 2013.

**Extended Range Electric Vehicle**

This project is intended to obtain experience with and data on Extended Range Electric Vehicle (EREV) energy flows, operational characteristics, costs, effects on the grid, and integration with the Energy Select program. Comparisons will be made with earlier Prius PHEV research.

Data collection for this project will continue into 2013, with a final report to be submitted in 2014.

**Plasma Waste Facility**

This project is complete and a final report will be filed with the Commission by the end of 2013.

**McDonald's GeoThermal Project**

The purpose of this project is to compare a geothermal and a non-geothermal heat pump system between two different McDonald's restaurants in the Pensacola area. Gulf Power is partnering with a third party to perform the metering and analysis. The results will demonstrate the difference in energy savings and ultimately cost savings achieved from the geothermal system. This data will be used in estimating savings for other restaurants considering geothermal. Metering began in June, 2011 and will continue, at 15 minute intervals, through April, 2013. The final report is scheduled to be filed in the fourth quarter of 2013.

**Nest Thermostat Project**

This project is intended to test operating characteristics and energy savings impacts resulting from the installation of the Nest Thermostat. Gulf Power is partnering with a third party to perform the metering and analysis. The results will demonstrate any potential energy savings and overall cost savings of installing a Nest Thermostat in residential homes. Meter data is collected in 15 minute intervals and metering began in June, 2012 and will continue through May, 2013. A final report is scheduled to be submitted in the first quarter of 2014.

**Variable Speed GeoThermal HVAC System**

Gulf Power is interested in metering a Geothermal Variable HVAC system to determine its efficiency. The purpose of this project is to evaluate a new technology for lower consumption of electricity. Gulf Power intends on using the end use data collected by our equipment to determine if Geothermal Variable

Schedule CT-6  
Page 27 of 27

HVAC technology should be promoted to our customers. Gulf Power is performing the metering, analysis, and weather data logging which began December 2012 and will continue, at 15 minute intervals through December 2013. The final report is scheduled to be filed in the second quarter of 2014.

Program Fiscal Expenditures: Program expenses were forecasted at \$250,000 for the period January through December 2012 compared to actual expenses of \$140,268 for a deviation of \$109,732, or 44% under the projection. Project expenses were as follows: UWF BEST House, \$50,192; Energy *Select* Electric Vehicle Project, \$24,274, McDonald's GeoThermal Project, \$25,485, NEST Thermostat, \$39,896 and Variable Geothermal HVAC, \$421.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: **Energy Conservation Cost** )  
**Recovery Clause** )

Docket No.: **130002-EG**

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished by overnight mail this 1st day of May, 2013 to the following:

Ausley Law Firm  
James D. Beasley  
J. Jeffrey Wahlen  
Post Office Box 391  
Tallahassee, FL 32302  
[jbeasley@ausley.com](mailto:jbeasley@ausley.com)

Brickfield Law Firm  
James W. Brew  
F. Alvin Taylor  
Eighth Floor, West Tower  
1025 Thomas Jefferson St, NW  
Washington, DC 20007  
[jbrew@bbrslaw.com](mailto:jbrew@bbrslaw.com)

Florida Industrial Power Users  
Group  
c/o Moyle Law Firm  
Jon C. Moyle, Jr.  
118 North Gadsden Street  
Tallahassee, FL 32301  
[jmoyle@moylelaw.com](mailto:jmoyle@moylelaw.com)

Florida Power & Light Company  
Kenneth M. Rubin  
John T. Butler  
700 Universe Boulevard (LAW/JB)  
Juno Beach, FL 33408-0420  
[ken.rubin@fpl.com](mailto:ken.rubin@fpl.com)

Florida Power & Light Company  
Kenneth Hoffman  
215 South Monroe Street, Suite 810  
Tallahassee, FL 32301-1858  
[Ken.Hoffman@fpl.com](mailto:Ken.Hoffman@fpl.com)

Florida Public Utilities Company  
Cheryl M. Martin  
Aleida Socarras  
1641 Worthington Road  
Suite 220  
West Palm Beach, FL 33409-6703  
[cherylmartin@fpuc.com](mailto:cherylmartin@fpuc.com)

Gunster Law Firm  
Beth Keating  
215 South Monroe Street, Suite 601  
Tallahassee, FL 32301-1839  
[bkeating@gunster.com](mailto:bkeating@gunster.com)

Office of Public Counsel  
J. Kelly  
P. Christensen  
C. Rehwinkel  
c/o The Florida Legislature  
111 W. Madison Street, Room 812  
Tallahassee, FL 32393-1400  
[Christensen.patty@leg.state.fl.us](mailto:Christensen.patty@leg.state.fl.us)

Duke Energy Florida, Inc.  
Paul Lewis, Jr.  
106 East College Avenue,  
Suite 800  
Tallahassee, FL 32301-7740  
[Paul.lewisjr@pgnmail.com](mailto:Paul.lewisjr@pgnmail.com)

Duke Energy Florida  
John T. Burnett  
Dianne M. Triplett  
Post Office Box 14042  
St. Petersburg, FL 33733  
[John.burnett@pgnmail.com](mailto:John.burnett@pgnmail.com)

Southern Alliance for Clean Energy  
c/o George Cavros, Esq.  
120 East Oakland Park Blvd.  
Suite 105  
Fort Lauderdale, FL 33334  
[george@cavros-law.com](mailto:george@cavros-law.com)

Tampa Electric Company  
Ms. Paula K. Brown  
Regulatory Affairs  
P. O. Box 111  
Tampa, FL 33601-0111  
[Regdept@tecoenergy.com](mailto:Regdept@tecoenergy.com)

Office of the General Counsel  
Theresa Tan  
2540 Shumard Oak Blvd  
Tallahassee, FL 32399-0850  
[ltan@psc.state.fl.us](mailto:ltan@psc.state.fl.us)

  
\_\_\_\_\_  
**JEFFREY A. STONE**  
Florida Bar No. 325953  
**RUSSELL A. BADDERS**  
Florida Bar No. 007455  
**STEVEN R. GRIFFIN**  
Florida Bar No. 0627569  
**BEGGS & LANE**  
P. O. Box 12950  
Pensacola FL 32591-2950  
(850) 432-2451  
**Attorneys for Gulf Power**