

Terry A. Davis
Assistant Secretary and
Assistant Treasurer

One Energy Place
Pensacola, Florida 32520-0786

Tel 850.444.6664
Fax 850.444.6026
TADAVIS@southernco.com

RECEIVED-FPSC

11 MAY -3 PM 2: 20

COMMISSION
CLERK



May 3, 2011

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

Dear Ms. Cole:

RE: Docket No. 110002-EG

Enclosed for official filing are an original and fifteen copies of the final true-up testimony and exhibit for the period January – December 2010 of Jennifer L. Todd in the above referenced docket.

Sincerely,

nbm

Enclosures

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

COM 5
APA 1
ECR 7
GCL 1
RAD
SSC
ADM
OPC
CLK CE.RPR

42 APR 8 - 11 11
DOCUMENT NUMBER-DATE
03032 MAY-3=
FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Docket No.: **110002-EG**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by U. S. mail this 3rd day of May 2011, to the following:

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 618
Tallahassee Florida 32301
bkeating@gunster.com

J.R. Kelly
P. Christensen
C. Rehwinkel
Office of Public Counsel
111 W. Madison St., Suite 812
Tallahassee FL 32399-1400
christensen.patty@leg.state.fl.us
REHWINKEL.CHARLES@leg.state.fl.us
kelly.jr@leg.state.fl.us

Paula K. Brown
Tampa Electric Company
P. O. Box 111
Tampa FL 33601-0111
Regdept@tecoenergy.com

Vicki G. Kaufman
Jon C. Moyle, Jr.
Keefe Anchors Gordon & Moyle PA
118 N. Gadsden St.
Tallahassee FL 32301
vkaufman@kagmlaw.com
jmoyle@kagmlaw.com

James W. Brew
F. Alvin Taylor
Brickfield, Burchette, et al., P.C.
1025 Thomas Jefferson St., NW
Eighth Floor, West Tower
Washington DC 20007-5201
jbrew@bbrslaw.com
ataylor@bbrslaw.com

Paul Lewis, Jr.
Progress Energy Florida, Inc.
106 E. College Ave., Ste. 800
Tallahassee FL 32301
paul.lewisjr@pgnmail.com

Theresa Tan
FL Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0863
ltan@psc.state.fl.us

John T. Burnett
Dianne M. Triplett
Progress Energy Service Co., LLC
P. O. Box 14042
St. Petersburg FL 33733-4042
john.burnett@pgnmail.com

Captain Allan Jungels
AFLSA/JACL-ULFSC
139 Barnes Drive, Suite 1
Tyndall AFB FL 32403-5319
Allan.jungels@tyndall.af.mil

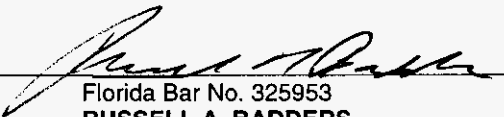
James D. Beasley, Esq.
J. Jeffrey Wahlen
Attorneys for Tampa Electric Co. Ausley
& McMullen
P. O. Box 391
Tallahassee FL 32302
jbeasley@ausley.com

Kenneth Hoffman
Florida Power & Light Company
Vice President, Regulatory Relations
215 South Monroe St., Suite 810
Tallahassee FL 32301-1858
Ken.Hoffman@fpl.com

Kenneth Rubin
Florida Power & Light Co.
700 Universe Boulevard
Juno Beach FL 33408-0420
ken.rubin@fpl.com

Randy B. Miller
White Springs Agricultural Chemicals
P O Box 300
15483 Southeast 78th Street
White Springs, FL 32096
RMiller@pcsposphate.com

Mr. Thomas A. Geoffroy
Florida Public Utilities Company
P. O. Box 3395
West Palm Beach FL 33402-3395
tgeoffroy@fpuc.com



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 Company

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**ENERGY CONSERVATION COST
RECOVERY CLAUSE**

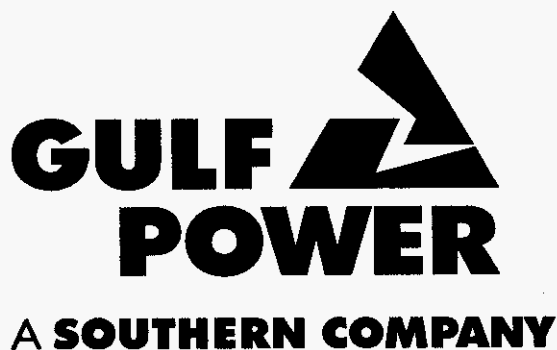
DOCKET NO. 110002-EG

PREPARED DIRECT TESTIMONY
AND EXHIBIT OF
JENNIFER L. TODD

FINAL TRUE-UP FILING
FOR THE PERIOD

JANUARY 2010 - DECEMBER 2010

May 3, 2011



DOCUMENT NUMBER-DATE

03032 MAY-3 =

FPSC-COMMISSION CLERK

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

GULF POWER COMPANY

Before the Florida Public Service Commission
Prepared Direct Testimony and Exhibit of
Jennifer L. Todd
Docket No. 110002-EG
Date of Filing: May 3, 2011

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

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

Q. Mrs. Todd, please describe your educational background and business experience.

A. I received a Bachelor Degree in Management Information Systems from the University of West Florida in 1994. I began my career in the electric utility industry at Gulf Power in 1992 and have held various positions within the Company in Information Technology, Accounting, and Energy Sales Service and Efficiency. In my current position, I am responsible for Energy Conservation Cost Recovery (ECCR) filings, economic evaluations, market research, and other marketing services activities.

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

A. Yes.

DOCUMENT NUMBER-DATE
03032 MAY-3 =
FPSC-COMMISSION CLERK

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

2 A. The purpose of my testimony is to present the results of the approved Energy
3 Conservation Cost Recovery Clause programs and related expenses for
4 January, 2010 through December, 2010.

5

6 Q. Are you familiar with the documents concerning the Energy Conservation
7 Cost Recovery Clause and its related true-up and interest provisions?

8 A. Yes, I am.

9

10 Q. Have you verified that to the best of your knowledge and belief, this
11 information is correct?

12 A. Yes, I have.

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

15 Exhibit No. ____ (JLT-1)

16

17 Q. Would you summarize for this Commission the deviations between the actual
18 expenses for this recovery period and the amount of estimated/actual
19 expenses previously filed with this Commission?

20 A. The estimated/actual true-up net expenses for the entire recovery period
21 January 2010 through December 2010, previously filed were \$9,560,430
22 while the actual expenses incurred in 2010 were \$9,859,407 resulting in a
23 variance of \$298,977 or 3%. See Schedule CT-2, Line 10.

24

25

1 Q. Mrs. Todd, would you explain the January 2010 through December 2010
2 variance?

3 A. Yes. The variance was a result of actual expenses being greater than
4 estimated in the following programs: Residential Energy Surveys, \$193,682;
5 Residential Geothermal Heat Pump Program, \$13,650; Energy *Select*,
6 \$51,604; Commercial/ Industrial Energy Analysis, \$17,242; GoodCents
7 Commercial Buildings, \$1,438; Commercial Geothermal Heat Pump, \$31,855;
8 Conservation Demonstration and Development, \$62,512; and Energy
9 Education Program, \$28,646. The overages experienced in these programs
10 are partially offset by an underage of expenses in the Renewable Energy
11 (existing and new) programs of \$71,679; and Energy Services, \$29,973. The
12 combination of these variances means that actual program expenses for the
13 12 month period through December 2010 were \$298,977 greater than the
14 level of estimated/actual program expenses filed in September 2010. A more
15 detailed description of the deviations is contained in Schedule CT-6.

16

17 Q. Mrs. Todd, what was Gulf Power's adjusted net true-up for the period January
18 2010 through December 2010?

19 A. There was an under-recovery of \$287,164 as shown on Schedule CT-1.

20

21 Q. Mrs. Todd, before you describe program participation levels, would you
22 please clarify if you are basing your program participation levels on Gulf's
23 2005 DSM plan or 2010 DSM plan?

24 A. Program participation levels are based on Gulf's 2005 DSM plan.

25

1 Q. Why are you using the 2005 plan as the basis for participation levels?

2 A. Gulf's 2010 DSM plan was not approved by the Commission until February
3 2011. Therefore, the programs in Gulf's 2005 DSM plan are the appropriate
4 programs on which to base participation levels for the 12 month period
5 through December 2010.

6

7 Q. Are you seeking to recover any expenses associated with Gulf's 2010 DSM
8 plan in this period?

9 A. Yes, in accordance with Rule 25-17.015 (4) Florida Administrative Code, Gulf
10 is seeking recovery of prudent implementation costs incurred in preparation
11 for the launch of the programs included in Gulf's 2010 DSM plan.

12

13 Q. Please describe these expenses.

14 A. Expenses incurred in preparation for the launch of programs included in the
15 2010 DSM plan include \$35,000 paid as a retainer to the vendor selected for
16 Gulf's Home Energy Reporting program. It was necessary to engage this
17 vendor in 2010 in order to minimize start-up time in 2011. This program
18 combines energy usage data with customer demographic information to
19 develop specific, targeted recommendations that educate and motivate
20 customers to reduce their energy consumption.

21

22 Gulf's existing software program for tracking energy efficiency program
23 participation was originally installed in 1998. This antiquated technology was
24 no longer supported by the manufacturer and provided limited reporting
25 capability. In support of existing programs and in preparation for the launch

1 of a significantly expanded offering of programs in Gulf's 2010 DSM plan, a
2 new software program with more robust tracking and reporting capabilities
3 was required. Additionally, Gulf's solar pilot programs, included as part of
4 Gulf's 2010 DSM plan, were approved in order number PSC-10-0608-PAA-
5 EG in October, 2010 and required this new software to enable online
6 customer enrollment. Costs for the new software program, known as the
7 Energy Efficiency Reporting Tool (EERT), in the amount of \$153,741 were
8 allocated to all existing DSM programs.

9
10 Gulf's primary tool to raise customer awareness regarding the new programs
11 offered as part of our 2010 DSM plan is energy audits. Therefore, in 2010,
12 Gulf paid for creative work required to launch a new advertising campaign
13 focused on energy audits. This campaign was launched in March 2011 and
14 will be a key element of implementing our new DSM programs. Expenses in
15 the amount of \$69,176 were incurred in 2010 as a result.

16
17 Expenses in the amount of \$25,436 were incurred for staff increases in Gulf's
18 Customer Service Center (CSC). The CSC is the primary way customers
19 make contact with Gulf Power. Due to the large increase in the number of
20 programs offered as part of Gulf's approved 2010 DSM plan, additional
21 customer service representatives will be required to handle the anticipated
22 increase in program enrollments. These expenses were necessary in 2010
23 due to the extensive training required for customer service representatives.

1 Finally, expenses in the amount of \$148,111 were incurred for the Energy
2 Education pilot program. These expenses were necessary to maintain
3 continuity while anticipating a transition to the revised programs included as
4 part of Gulf's Residential Energy Audit and Education program included in our
5 approved 2010 DSM plan. These expenses were for labor, curriculum and
6 other educational material for schools and teachers participating in the
7 program. A further description of these activities can be found in Schedule
8 CT-6.

9
10 Q. Please describe your program participation levels during the recovery period.

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

14 (A) Residential Energy Surveys - During the 2010 recovery period, the
15 Company completed 11,145 surveys compared to the projection of
16 5,500 surveys.

17 (B) Residential Geothermal Heat Pump - During the 2010 recovery period,
18 a total of 113 geothermal heat pumps were installed compared to a
19 projection of 100.

20 (C) Energy Select - During the 2010 recovery period, there was a net
21 decrease of 363 units with a total of 8,587 units on-line at December
22 31, 2010. Gulf had projected a net customer addition of 1,250 units.

- 1 (D) Commercial/Industrial (C/I) Energy Analysis - During the 2010 recovery
2 period, a total of 472 C/I Energy Analyses were completed compared
3 to a projection of 500.
- 4 (E) GoodCents Commercial Buildings - During the 2010 recovery period, a
5 total of 58 buildings were built or improved to GoodCents standards,
6 compared to a projection of 180.
- 7 (F) Commercial Geothermal Heat Pump – During the 2010 recovery
8 period, there were 3 geothermal heat pump units installed compared to
9 20 units projected.
- 10 (G) Energy Services – During the 2010 recovery period, at the meter
11 reductions of 1,066,694 kWh, winter kW of 293 and summer kW of 246
12 were achieved. The projected results for this period were at the meter
13 energy reductions of 1,178,470 kWh and at the meter demand
14 reductions of 510 kW winter and 275 kW summer.
- 15 (H) Renewable Energy – Costs associated with the Renewable Energy
16 program are provided in Schedule CT-3, pages 1 through 3. Further
17 description of these activities can be found in Schedule CT-6, pages 8
18 through 10.
- 19 (I) Conservation Demonstration and Development - Costs associated with
20 the Conservation Demonstration and Development program are
21 provided in Schedule CT-3, pages 1 through 3. Further description of
22 these activities can be found in Schedule CT-6, pages 11 through 13.
- 23 (J) Solar Thermal Water Heating Pilot Program – This pilot concluded in
24 December 2009. Minimal costs associated with incentives for
25

1 participants in the Solar Thermal Water Heating Program Pilot that
2 were qualified in 2009 but were paid in the first quarter of 2010 are
3 provided in Schedule CT-3, pages 1 through 3. Further description of
4 these activities can be found in Schedule CT-6, page 14.

5 (K) Energy Education Pilot Program – Costs associated with the Energy
6 Education program are provided in Schedule CT-3, pages 1 through 3.
7 Further description of these activities can be found in Schedule CT-6,
8 pages 15 through 16.

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

12 A. Yes.

13
14 Q. Mrs. Todd, does this conclude your testimony?


15 A. Yes, it does.
16
17
18
19
20
21
22
23
24
25

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 110002-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, information and belief. She is personally known to me.



Jennifer L. Todd
Market Analytics Supervisor

Sworn to and subscribed before me this 27th day of April, 2011.





Notary Public, State of Florida at Large

INDEX

<u>Schedule No.</u>	<u>Title</u>	<u>Pages</u>
CT-1	Adjusted net True-Up, January 2009 Through December 2009	2
CT-2	Analysis of Energy Conservation Program Costs	3
CT-3	Energy Conservation Adjustment	4 - 8
CT-4	Schedule of Capital Investments, Depreciation and Return	9 - 12
CT-5	Reconciliation and Explanation of Differences Between Filing and Audit	13
CT-6	Program Descriptions and Progress Reports	14 - 29

SCHEDULE CT-1

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

Adjusted Net True-Up

	<u>\$</u>	<u>\$</u>
Actual		
1. Principal	2,916,951	
2. Interest	<u>5,996</u>	
3. Actual Over/(Under) Recovery Ending Balance		2,922,947
Estimated/Actual as filed September 16, 2010		
4. Principal	3,203,873	
5. Interest	<u>6,238</u>	
6. Total Estimated/Actual Over/(Under) Recovery		<u>3,210,111</u>
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		<u>(287,164)</u>

SCHEDULE CT-2

Gulf Power Company
 Energy Conservation Cost Recovery (ECCR)
 Calculation of the Final True-Up Amount
 For the Period: January 2010 - December 2010

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

	Actual	Est/Actual	Difference
	\$	\$	\$
1. Depreciation, Return & Property Tax	1,883,752.92	1,876,102.28	7,650.64
2. Payroll & Benefits	3,536,901.20	3,669,373.73	(132,472.53)
3. Materials & Supplies	4,431,607.41	4,122,608.76	308,998.65
4. Advertising	559,610.15	353,488.73	206,121.42
5. Incentives	216,086.73	334,831.71	(118,744.98)
6. Adjustments	0.00	0.00	0.00
7. Other	0.00	0.00	0.00
8. Subtotal	10,627,958.41	10,356,405.21	271,553.20
9. Program Revenues	768,551.11	795,975.04	(27,423.93)
10. Total Program Costs	9,859,407.30	9,560,430.17	298,977.13
11. Less: Payroll Adjustment	0.00	0.00	0.00
12. Amounts Inc. in Base Rate	0.00	0.00	0.00
13. Conservation Adjustment Revenues	11,503,789.50	11,491,733.92	12,055.58
14. Rounding Adjustment	11,503,790.00	11,491,734.00	12,056.00
15. True-up Before Adjustment Over/(Under) Recovery	1,644,382	1,931,304	(286,922)
16. Interest Provision	5,996	6,238	(242)
17. Prior Period True-up	1,272,569	1,272,569	0
18. Other	0	0	0
19. End of Period True-up	2,922,947	3,210,111	(287,164)

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

Conservation Costs By Program
Variance Actual vs. Estimated/Actual

Program	Depr/Amort & Return	Payroll & Benefits	Materials & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
1. Residential Energy Surveys	404.19	(57,695.70)	98,495.71	0.00	146,171.50	6,306.73	193,682.43	0.00	193,682.43
2. Residential Geothermal Heat Pump	0.00	(3,134.77)	13,081.55	0.00	(324.87)	4,028.58	13,650.49	0.00	13,650.49
3. Energy Select	7,246.45	(44,144.51)	2,703.83	0.00	58,374.79	0.00	24,180.56	(27,423.93)	51,604.49
4. Commercial / Industrial Energy Analysis	0.00	(21,442.45)	38,584.15	0.00	100.00	0.00	17,241.70	0.00	17,241.70
5. GoodCents Commercial Buildings	0.00	(19,486.24)	19,124.31	0.00	1,800.00	0.00	1,438.07	0.00	1,438.07
6. Commercial Geothermal Heat Pump	0.00	2,704.07	16,293.40	0.00	0.00	12,857.14	31,854.61	0.00	31,854.61
7. Energy Services	0.00	49.23	10,249.39	0.00	0.00	(40,271.43)	(29,972.81)	0.00	(29,972.81)
8. Renewable Energy									
a. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. EarthCents Solar	0.00	586.42	11,977.55	0.00	0.00	0.00	12,563.97	0.00	12,563.97
c. Renewable Energy Initiatives	0.00	26,387.61	13,771.47	0.00	0.00	0.00	40,159.08	0.00	40,159.08
d. Total	0.00	26,974.03	25,749.02	0.00	0.00	0.00	52,723.05	0.00	52,723.05
9. Renewable Energy (NEW)									
a. Solar for Schools	0.00	(3,778.00)	(466.00)	0.00	0.00	0.00	(4,244.00)	0.00	(4,244.00)
b. Solar Thermal Water Heating	0.00	(2,698.00)	(334.00)	0.00	0.00	(16,666.00)	(19,698.00)	0.00	(19,698.00)
c. Solar PV	0.00	(11,736.00)	(1,450.00)	0.00	0.00	(72,500.00)	(85,686.00)	0.00	(85,686.00)
d. Solar Thermal Water Heating for Low-Income	0.00	(2,024.00)	(250.00)	0.00	0.00	(12,500.00)	(14,774.00)	0.00	(14,774.00)
e. Total	0.00	(20,236.00)	(2,500.00)	0.00	0.00	(101,666.00)	(124,402.00)	0.00	(124,402.00)
10. Conservation Demonstration and Development	0.00	1,034.92	61,476.59	0.00	0.00	0.00	62,511.51	0.00	62,511.51
11. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Energy Education	0.00	2,904.89	25,740.70	0.00	0.00	0.00	28,645.59	0.00	28,645.59
13. TOTAL	7,650.64	(132,472.53)	308,998.65	0.00	206,121.42	(118,744.98)	271,553.20	(27,423.93)	298,977.13
14. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Total	7,650.64	(132,472.53)	308,998.65	0.00	206,121.42	(118,744.98)	271,553.20	(27,423.93)	298,977.13

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

**Conservation Costs by Program
Actual Expenses**

Program	Depreciation Property Taxes & Return on Investment	Payroll & Benefits	Materials & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
1. Residential Energy Surveys	16,651.86	886,875.04	272,370.07	0.00	176,698.04	6,306.73	1,358,901.74	0.00	1,358,901.74
2. Residential Geothermal Heat Pump	0.00	89,004.52	31,444.16	0.00	454.82	120,600.00	241,503.50	0.00	241,503.50
3. Energy Select	1,867,101.06	1,301,214.63	3,670,454.71	0.00	380,837.29	0.00	7,219,607.69	768,551.11	6,451,056.58
4. Commercial / Industrial Energy Analysis	0.00	491,317.64	148,900.36	0.00	700.00	0.00	640,918.00	0.00	640,918.00
5. GoodCents Commerical Buildings	0.00	429,407.63	72,721.44	0.00	920.00	0.00	503,049.07	0.00	503,049.07
6. Commercial Geothermal Heat Pump	0.00	52,111.43	22,229.20	0.00	0.00	25,200.00	99,540.63	0.00	99,540.63
7. Energy Services	0.00	49.23	10,249.39	0.00	0.00	59,980.00	70,278.62	0.00	70,278.62
8. Renewable Energy									
a. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. EarthCents Solar	0.00	3,753.95	18,007.85	0.00	0.00	0.00	21,761.80	0.00	21,761.80
c. Renewable Energy Initiatives	0.00	135,150.31	46,531.96	0.00	0.00	0.00	181,682.27	0.00	181,682.27
d. Total	0.00	138,904.26	64,539.81	0.00	0.00	0.00	203,444.07	0.00	203,444.07
9. Renewable Energy (NEW)									
a. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Solar PV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Conservation Demonstration and Development									
a. Electrode Boiler	0.00	3,889.80	1,514.57	0.00	0.00	0.00	5,404.37	0.00	5,404.37
b. McDonald's Geothermal Project	0.00	3,889.80	1,502.57	0.00	0.00	0.00	5,392.37	0.00	5,392.37
c. UWF BEST House	0.00	3,889.80	1,502.57	0.00	0.00	0.00	5,392.37	0.00	5,392.37
d. Variable Speed Pool Pump	0.00	3,889.80	1,502.57	0.00	0.00	0.00	5,392.37	0.00	5,392.37
e. Energy Select Vehicle	0.00	3,889.80	22,502.57	0.00	0.00	0.00	26,392.37	0.00	26,392.37
f. Plug-in Hybrid Vehicle	0.00	3,889.80	41,348.41	0.00	0.00	0.00	45,238.21	0.00	45,238.21
g. Plasma Waste Facility	0.00	3,889.79	41,502.59	0.00	0.00	0.00	45,392.38	0.00	45,392.38
h. Total	0.00	27,228.59	111,375.85	0.00	0.00	0.00	138,604.44	0.00	138,604.44
11. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	4,000.00	4,000.00	0.00	4,000.00
12. Energy Education	0.00	120,788.23	27,322.42	0.00	0.00	0.00	148,110.65	0.00	148,110.65
13. Total	1,883,752.92	3,536,901.20	4,431,607.41	0.00	559,610.15	216,086.73	10,627,958.41	768,551.11	9,859,407.30

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

Conservation Costs by Program
Summary of Actual Expenses by Program by Month

PROGRAMS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Residential Energy Surveys	122,535.34	98,363.72	135,631.77	132,302.66	(14,894.03)	96,110.23	100,183.77	98,963.51	90,085.22	76,592.70	109,093.27	297,281.72	1,342,249.88
Amortization & Return on Investment	1,429.38	1,421.80	1,414.21	1,406.62	1,399.04	1,391.45	1,383.86	1,376.27	1,368.69	1,361.10	1,353.50	1,345.94	16,651.86
Total	123,964.72	99,785.52	137,045.98	133,709.28	(13,494.99)	97,501.68	101,567.63	100,339.78	91,453.91	77,953.80	110,446.77	298,627.66	1,358,901.74
2. Residential Geothermal Heat Pump	14,992.83	10,433.61	15,727.32	25,491.33	17,755.63	18,234.40	30,279.14	24,189.01	10,551.54	11,784.98	24,956.02	37,107.69	241,503.50
3. Energy Select	342,092.63	437,832.48	454,845.70	450,901.70	536,373.86	464,315.22	426,056.72	421,942.27	411,806.39	449,193.60	475,209.26	481,937.80	5,352,506.63
Amortization & Return on Investment	151,456.84	151,346.13	153,661.33	156,064.43	155,869.80	156,291.99	156,434.87	156,394.29	156,177.02	156,886.82	157,806.95	158,690.59	1,867,101.06
Total	493,549.47	589,178.61	608,507.03	606,966.13	692,263.66	620,607.21	582,490.59	578,336.56	567,983.41	606,080.42	633,016.21	640,628.39	7,219,607.69
4. Commercial / Industrial Energy Analysis	66,678.41	46,821.00	44,572.04	46,306.11	64,039.80	49,372.14	46,021.67	43,140.02	48,994.35	49,635.43	61,733.73	73,603.30	640,918.00
5. GoodCents Commercial Buildings	38,819.52	36,642.39	38,580.67	35,738.41	61,267.93	40,622.19	40,568.64	36,706.42	37,658.00	42,222.65	45,561.43	48,660.82	503,049.07
6. Commercial Geothermal Heat Pump	3,419.19	10,989.94	4,302.31	5,381.94	6,051.78	6,495.69	2,842.66	5,695.94	21,728.88	6,091.78	18,538.44	8,002.08	99,540.63
7. Energy Services	0.00	58,480.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,557.69	4,240.93	70,278.62
8. Renewable Energy													
a. Solar for Schools	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
b. EarthCents Solar	877.47	855.16	863.72	970.05	960.28	942.40	949.40	1,063.14	942.49	944.41	7,165.04	5,208.24	21,761.80
c. Renewable Energy Initiatives	13,537.76	12,215.84	12,273.81	13,718.31	18,669.11	12,570.96	16,060.44	14,320.62	14,123.59	14,730.55	20,273.69	19,167.59	181,682.27
d. Total	14,415.23	13,071.00	13,137.53	14,688.36	19,669.39	13,513.36	17,009.84	15,383.76	15,066.08	15,674.96	27,438.73	24,375.83	203,444.07
9. Renewable Energy (NEW)													
a. Solar for Schools	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
b. Solar Thermal Water Heating	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
c. Solar PV	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
d. Solar Thermal Water Heating for Low-Incorr	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
e. Total	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. Conservation Demonstration and Development													
a. Electrode Boiler	557.66	661.78	554.60	510.43	712.78	240.51	711.06	(1,435.06)	441.16	389.10	1,226.08	834.27	5,404.37
b. McDonald's Geothermal Project	557.66	661.78	554.60	510.43	712.78	240.51	711.06	(1,435.06)	429.16	389.10	1,226.08	834.27	5,392.37
c. UWF BEST House	557.66	661.78	554.60	510.43	712.78	240.51	711.06	(1,435.06)	429.16	389.10	1,226.08	834.27	5,392.37
d. Variable Speed Pool Pump	557.66	661.78	554.60	510.43	712.78	240.51	711.06	(1,435.06)	429.16	389.10	1,226.08	834.27	5,392.37
e. Energy Select Vehicle	557.66	661.78	554.60	510.43	712.78	240.51	711.06	(1,435.06)	429.16	389.10	1,226.08	21,834.27	26,392.37
f. Plug-in Hybrid Vehicle	961.66	16,847.28	554.60	666.78	712.77	240.51	711.06	(1,435.06)	429.16	389.10	1,226.08	23,934.27	45,238.21
g. Plasma Waste Facility	557.62	661.72	554.64	510.43	712.78	240.49	711.10	(1,435.05)	429.23	40,389.10	1,226.09	834.23	45,392.38
h. Total	4,307.58	20,817.90	3,882.24	3,729.36	4,989.45	1,683.55	4,977.46	(10,045.41)	3,016.19	42,723.70	8,582.57	49,939.85	138,604.44
11. Solar Thermal Water Heating Pilot Program	1,000.00	(2,000.00)	1,000.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,000.00
12. Energy Education Pilot Program	6,450.51	7,888.33	7,472.46	7,472.46	12,150.83	12,978.35	15,275.01	23,668.77	15,731.00	17,265.17	10,643.53	11,114.23	148,110.65
13. Total	767,597.46	892,108.30	874,227.58	883,483.38	864,693.48	861,008.57	841,032.64	817,414.85	812,183.36	869,432.89	948,475.12	1,196,300.78	10,627,958.41

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

Energy Conservation Adjustment
Calculation of Over/Under Recovery

Conservation Revenues	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Energy Select RSVP Fees	61,944.04	59,826.13	60,536.73	55,122.11	58,485.41	71,125.13	72,735.49	76,106.85	73,006.90	66,396.22	57,280.14	55,985.96	768,551.11
2. Over/(Under) Recovery	1,000,637.40	913,381.83	781,078.01	743,374.65	1,006,672.31	1,143,298.17	1,237,714.58	1,175,880.68	1,088,934.69	818,023.90	724,652.40	870,140.88	11,503,789.50
3. Total Revenues	1,062,581.44	973,207.96	841,614.74	798,496.76	1,065,157.72	1,214,423.30	1,310,450.07	1,251,987.53	1,161,941.59	884,420.12	781,932.54	926,126.84	12,272,340.61
4. Adjustment not Applicable to Period - Prior True Up	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.58)	(4,418.62)	(53,023.00)
5. Conservation Revenues Applicable to Period	1,058,162.86	968,789.38	837,196.16	794,078.18	1,060,739.14	1,210,004.72	1,306,031.49	1,247,568.95	1,157,523.01	880,001.54	777,513.96	921,708.22	12,219,317.61
6. Conservation Expenses (CT-3, Page 3, Line 13)	767,597.46	892,108.30	874,227.58	883,483.38	864,693.48	861,008.57	841,032.64	817,414.85	812,183.36	869,432.89	948,475.12	1,196,300.78	10,627,958.41
7. True Up this Period (Line 5 - 6)	290,565.40	76,681.08	(37,031.42)	(89,405.20)	196,045.66	348,996.15	464,998.85	430,154.10	345,339.65	10,568.65	(170,961.16)	(274,592.56)	1,591,359.20
8. Interest Provision this Period (CT-3, Page 5, Line 1f)	236.68	274.76	285.75	288.63	387.69	549.04	609.44	647.33	699.40	697.95	682.31	636.96	5,995.94
9. True Up & Interest Provision Beginning of Month	1,272,569.44	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,992,202.02	3,342,659.65	3,358,344.83	3,192,484.56	1,272,569.44
10. Prior True Up Collected or Refunded	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.58	4,418.62	53,023.00
11. End of Period- Net True Up	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,992,202.02	3,342,659.65	3,358,344.83	3,192,484.56	2,922,947.58	2,922,947.58

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

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	1,272,569.44	1,567,790.10	1,649,164.52	1,616,837.43	1,532,139.44	1,732,991.37	2,086,955.14	2,556,982.01	2,992,202.02	3,342,659.65	3,358,344.83	3,192,484.56	
2. Ending True up before interest	1,567,553.42	1,648,889.76	1,616,551.68	1,531,850.81	1,732,603.68	2,086,406.10	2,556,372.57	2,991,554.69	3,341,960.25	3,357,646.88	3,191,802.25	2,922,310.62	
3. Total beginning & ending	2,840,122.86	3,216,679.86	3,265,716.20	3,148,688.24	3,264,743.12	3,819,397.47	4,643,327.71	5,548,536.70	6,334,162.27	6,700,306.53	6,550,147.08	6,114,795.18	
4. Average True up Amount	1,420,061.43	1,608,339.93	1,632,858.10	1,574,344.12	1,632,371.56	1,909,698.73	2,321,663.85	2,774,268.35	3,167,081.13	3,350,153.26	3,275,073.54	3,057,397.59	
5. Interest Rate First Day Reporting Business Month	0.2000	0.2000	0.2100	0.2100	0.2300	0.3400	0.3500	0.2800	0.2800	0.2500	0.2500	0.2500	
6. Interest Rate First Day Subsequent Business Month	0.2000	0.2100	0.2100	0.2300	0.3400	0.3500	0.2800	0.2800	0.2500	0.2500	0.2500	0.2500	
7. Total of Lines 5 and 6	0.4000	0.4100	0.4200	0.4400	0.5700	0.6900	0.6300	0.5600	0.5300	0.5000	0.5000	0.5000	
8. Average interest rate (50% of Line 7)	0.2000	0.2050	0.2100	0.2200	0.2850	0.3450	0.3150	0.2800	0.2650	0.2500	0.2500	0.2500	
9. Monthly Average Interest Rate Line 8 \ 12	0.000167	0.000171	0.000175	0.000183	0.000238	0.000288	0.000263	0.000233	0.000221	0.000208	0.000208	0.000208	
10. Interest Adjustment													
11. Interest Provision (Line 4 X 9)	236.68	274.76	285.75	288.63	387.69	549.04	609.44	647.33	699.40	697.95	682.31	636.96	5,995.94

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

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

Line No.	Description	Beginning													Total
		of Period	January	February	March	April	May	June	July	August	September	October	November	December	
1	Investments Added to Plant In Service (Net of Retirements)		(11,567.05)	(21,911.15)	(32,324.53)	(126,047.61)	77,179.07	33,017.39	146,991.94	(193,069.05)	79,575.62	(131,494.35)	(105,783.18)	(81,543.05)	
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	10,504,019.76	10,492,452.71	10,470,541.56	10,438,217.03	10,312,169.42	10,399,348.49	10,422,365.88	10,569,357.82	10,376,288.77	10,455,864.39	10,324,370.04	10,218,586.86	10,137,043.81	
3	Depreciation Expense (Note A) (PM Ln 2 * .0023)		24,159.25	24,132.64	24,082.25	24,007.90	23,717.99	23,895.50	23,971.44	24,309.52	23,865.46	24,048.49	23,746.05	23,502.75	287,439.24
4	Retirements		(140,930.28)	(121,756.09)	(163,936.30)	(190,783.16)	0.00	(132,301.89)	0.00	(206,122.51)	(113,127.71)	(205,163.80)	(189,824.45)	(110,251.58)	
5	Cost of Removal and Salvage		83,658.17	47,088.77	78,737.09	45,604.56	0.00	25,334.66	39,144.58	55,237.79	15,203.42	127,189.35	127,688.88	26,509.77	
6	Less: Accum. Depr. COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	(386,245.87)	(419,356.73)	(469,893.41)	(531,013.37)	(652,184.07)	(626,466.08)	(711,537.81)	(648,421.79)	(774,996.99)	(849,055.82)	(902,981.78)	(941,371.30)	(1,001,610.36)	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	10,890,265.63	10,911,811.44	10,940,434.97	10,969,230.40	10,964,353.49	11,017,814.57	11,133,903.69	11,217,779.61	11,151,285.76	11,304,920.21	11,227,351.82	11,159,958.16	11,138,854.17	
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	1,611,710.27	1,609,945.52	1,543,712.38	2,054,030.23	2,045,010.95	2,029,884.13	1,923,094.26	1,844,110.34	1,825,435.80	1,805,049.31	1,861,043.31	2,209,196.33	2,188,645.30	
11	Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	12,501,975.90	12,521,756.86	12,484,147.35	13,023,260.63	13,009,364.44	13,047,698.70	13,056,997.95	13,061,889.95	12,976,721.56	13,109,969.52	13,088,395.13	13,369,154.49	13,327,299.47	
12	Average Net Investment (PM Ln 11 + CM Ln 11)2	12,507,620.80	12,511,866.43	12,502,952.16	12,753,703.99	13,016,312.64	13,028,531.57	13,062,348.33	13,059,443.95	13,019,305.76	13,043,345.54	13,099,182.33	13,226,774.81	13,348,226.98	
13	Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		118,036.95	117,952.85	120,318.44	122,795.89	122,911.17	123,135.85	123,202.79	122,824.13	123,050.82	123,577.69	124,800.26	125,927.17	1,468,534.11
15	Property Tax		9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.64	9,260.67	111,127.71
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		151,456.84	151,346.13	153,661.33	156,064.43	155,889.80	156,291.99	156,434.87	156,394.29	156,177.02	156,896.82	157,906.95	158,690.59	1,867,101.06

Notes:
(A) Energy Select Property Additions Depreciated at 2.8% per year
(B) Return on Average Net Investment (Including Income Taxes) is 11.3210%

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

Schedule of Capital Investment, Depreciation and Return
Flow Meter

Line No.	Description	Beginning													Total	
		of Period	January	February	March	April	May	June	July	August	September	October	November	December		
1	Investments Added to Plant In Service (Net of Retirements)															
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	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	8,093.56	
3	Depreciation Expense (Note A) (PM Ln 2 + CM Ln 2) / 2 * .011905		96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	96.35	1,156.20
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	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	0.00	
6	Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	5,781.02	5,877.37	5,973.72	6,070.07	6,166.42	6,262.77	6,359.12	6,455.47	6,551.82	6,648.17	6,744.52	6,840.87	6,937.22		
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	2,312.54	2,216.19	2,119.84	2,023.49	1,927.14	1,830.79	1,734.44	1,638.09	1,541.74	1,445.39	1,349.04	1,252.69	1,156.34		
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)	2,312.54	2,216.19	2,119.84	2,023.49	1,927.14	1,830.79	1,734.44	1,638.09	1,541.74	1,445.39	1,349.04	1,252.69	1,156.34		
12	Average Net Investment (PM Ln 11 + CM Ln 11) / 2		2,264.37	2,168.02	2,071.67	1,975.32	1,878.97	1,782.62	1,686.27	1,589.92	1,493.57	1,397.22	1,300.87	1,204.52		
13	Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434		
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		21.36	20.45	19.54	18.64	17.73	16.82	15.91	15.00	14.09	13.18	12.27	11.36	196.35	
15	Property Tax		5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.51	66.23	
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		123.23	122.32	121.41	120.51	119.60	118.69	117.78	116.87	115.96	115.05	114.14	113.22	1,418.78	

Notes:
(A) Flow Meter is Seven year Property 14.286% per year
(B) Return on Average Net Investment (including income taxes) is 11.3210%

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

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

Line No.	Description	Beginning													Total	
		of Period	January	February	March	April	May	June	July	August	September	October	November	December		
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	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	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	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	0.00	
6	Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	0.00	164.46	328.92	493.38	657.84	822.30	986.76	1,151.22	1,315.68	1,480.14	1,644.60	1,809.06	1,973.52	1,973.52	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	13,814.37	13,649.91	13,485.45	13,320.99	13,156.53	12,992.07	12,827.61	12,663.15	12,498.69	12,334.23	12,169.77	12,005.31	11,840.85	11,840.85	
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	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	0.00	
10	Inventory															
11	Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	13,814.37	13,649.91	13,485.45	13,320.99	13,156.53	12,992.07	12,827.61	12,663.15	12,498.69	12,334.23	12,169.77	12,005.31	11,840.85	11,840.85	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2		13,732.14	13,567.68	13,403.22	13,238.76	13,074.30	12,909.84	12,745.38	12,580.92	12,416.46	12,252.00	12,087.54	11,923.08	11,923.08	
13	Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		129.55	128.00	126.45	124.89	123.34	121.79	120.24	118.69	117.14	115.59	114.03	112.48	112.48	1,452.19
15	Property Tax		9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	9.42	113.05
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		303.43	301.88	300.33	298.77	297.22	295.67	294.12	292.57	291.02	289.47	287.91	286.37	286.37	3,538.76

Notes:
(A) Residential Energy Survey Display is Seven year Property 14.286% per year
(B) Return on Average Net Investment (including income taxes) is 11.3210%

Gulf Power Company
Energy Conservation Cost Recovery (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2010 - December 2010

Schedule of Capital Investment, Depreciation and Return
Thermal Imaging Tools

Line No.	Description	Beginning													Total	
		of Period	January	February	March	April	May	June	July	August	September	October	November	December		
1	Investments Added to Plant In Service (Net of Retirements)			1.58				0.01	(0.01)							
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	45,651.12	45,651.12	45,652.70	45,652.70	45,652.70	45,652.70	45,652.71	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		543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.47	543.47	6,521.64
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	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	0.00	
6	Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	0.00	543.47	1,086.94	1,630.41	2,173.88	2,717.35	3,260.82	3,804.29	4,347.76	4,891.23	5,434.70	5,978.17	6,521.64	6,521.64	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	45,651.12	45,107.65	44,565.76	44,022.29	43,478.82	42,935.35	42,391.89	41,848.41	41,304.94	40,761.47	40,218.00	39,674.53	39,131.06	39,131.06	
8	Net Additions/Reductions to CWIP	0.00	1.59	(1.59)	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	1.59	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)	45,651.12	45,109.24	44,565.76	44,022.29	43,478.82	42,935.35	42,391.89	41,848.41	41,304.94	40,761.47	40,218.00	39,674.53	39,131.06	39,131.06	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2		45,380.18	44,837.50	44,294.03	43,750.56	43,207.09	42,663.62	42,120.15	41,576.68	41,033.21	40,489.74	39,946.27	39,402.80	39,402.80	
13	Rate of Return / 12 (Note B)		0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	0.009434	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		428.12	423.00	417.87	412.74	407.62	402.49	397.36	392.23	387.11	381.98	376.85	371.73	371.73	4,799.10
15	Property Tax		31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	31.13	373.58
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		1,002.72	997.60	992.47	987.34	982.22	977.09	971.96	966.83	961.71	956.58	951.45	946.35	946.35	11,694.32

Notes:
(A) Residential Energy Survey Display is Seven year Property 14.286% per year
(B) Return on Average Net Investment (including income taxes) is 11.3210%

SCHEDULE CT-5

GULF POWER COMPANY

**Reconciliation and Explanation of
Differences Between Filing and FPSC Audit
Report for Months, January, 2009 through December, 2009**

(If no differences exist, please state.)

NO DIFFERENCES

SCHEDULE CT-6

Page 1 of 16

Program Description and Progress

Program Title: Residential Energy Survey

Program Description: This program offers existing residential customers, and individuals and contractors building new homes, energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. Owners of existing homes may choose to have a Gulf Power representative conduct an on-site survey of their home, or they may opt to participate in either a mail-in or on-line interactive version of the survey known as the "Energy Check Up." Qualifying new home owners and contractors may request a pre-construction survey of their final construction plans. Regardless of the option chosen, these surveys provide customers with specific whole-house recommendations.

Program Accomplishments: Overall, 11,145 residential energy surveys were completed compared to 5,500 projected surveys, a difference of 5,645 surveys over projection. There were 933 more Walk-Through surveys, 4,288 more Internet/Mail-in surveys and 424 more Pre-construction surveys than projected.

Program Fiscal Expenditures: Actual expenses were \$1,358,901 with projected expenses of \$1,165,219 resulting in a variance of \$193,682 more than the projection. The additional expenses are due to activities necessary to prepare for the implementation of Gulf's 2010 DSM plan including: \$69,176 for advertising; \$35,000 for Home Energy Reporting; \$30,748 for the new energy efficiency tracking tool; and \$25,436 for Customer Service Center facilities re-configuration. Additionally, \$18,666 in expenses was incurred for enhancements to the Apogee on-line audit tool. These additional expenses were offset in part by \$57,696 less labor expenses than projected.

Program Progress Summary: Since the approval of this program, Gulf has performed 175,647 residential energy surveys. This is a result of Gulf's promotional campaign to solicit energy surveys as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

SCHEDULE CT-6

Page 2 of 16

Program Description and Progress

Program Title: Residential Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of geothermal heating and cooling systems.

Program Accomplishments: There were 113 units installed compared to 100 units projected by year end, a difference of 13 units over projection.

Program Fiscal Expenditures: Actual expenses for the period were \$241,504. Projected expenses were \$227,853 resulting in a variance of \$13,650 over the projection. The overage was due primarily to incentives and a new energy efficiency tracking tool.

Program Progress Summary: Education and training of HVAC dealers and building contractors continue as vital components of this program. Since the inception, 2,611 geothermal systems have been installed.

SCHEDULE CT-6

Page 3 of 16

Program Description and Progress

Program Title: Energy *Select*

Program Description: The Energy *Select* program is designed to increase the efficiency of energy consumption on Gulf Power's system. The program is an interactive energy management system that allows residential customers to program their central heating and cooling system, electric water heater and pool pump to automatically respond to varying prices of electricity depending upon the time of day, day of week and season. These prices are in relation to the Company's cost of producing or purchasing energy. Energy *Select* consists of three elements – a custom-designed programmable thermostat, a Residential Service Variable Pricing (RSVP) rate featuring four different prices for electricity and a communications gateway that facilitates two-way communication between the utility and the customer's home.

With this program, customers can save money by programming the largest portion of their energy purchases to occur in the lower price periods, while providing peak demand reduction benefits during the high and critical peak price periods.

Program Accomplishments: There was a net decrease of 363 units during the reporting period compared to 1,250 net additions projected by year end for a difference of 1,613 units under the projection.

Although installations continue to occur at a steady pace, removals associated with customers dropping their landline phones, and customers replacing HVAC equipment with systems utilizing variable or multi-speed compressors are occurring at a slightly higher rate. Diligent work continues to develop solutions to address these situations. A new version of equipment compatible with variable or multi-speed compressors will be available for installation in 2011. In addition, work continues with the company's vendor to introduce new equipment that does not require land line telephone service. This integration will also leverage the company's ongoing AMI deployment to facilitate data communications.

Program Fiscal Expenditures: There were actual expenses of \$6,451,057 compared to projected net expenses of \$6,399,452. The higher cost of \$51,604 is primarily due to a new energy efficiency program tracking tool and an increase in advertising expenses. Existing EnergySelect ads were re-run in the fall 2010.

Program Progress Summary: As of December, 2010, there are 8,587 participating customers.

SCHEDULE CT-6

Page 4 of 16

Program Description and Progress

Program Title: Commercial/Industrial Energy Analysis

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 their energy consumption. 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: In 2010, 472 commercial energy surveys were completed compared to 500 projected surveys, 28 fewer surveys than projected.

Program Fiscal Expenditures: Actual expenses were \$640,918 for the period compared to projected expenses of \$623,676. The resulting variance is \$17,242 over projection. This variance is due primarily to a new energy efficiency program tracking tool.

Program Progress Summary: A total of 19,869 E.A./T.A.A.'s have been completed since the program started in 1981. These audits have ranged from the basic walk-through type for some commercial customers to sophisticated technical assistance audits for other commercial and industrial customers.

SCHEDULE CT-6
Page 5 of 16

Program Description and Progress

Program Title: GoodCents Commercial Buildings

Program Description: This program is designed to achieve energy efficient buildings by educating commercial and industrial customers on the most cost-effective methods of designing new and improving existing buildings. The program stresses efficient heating and cooling equipment, improved thermal envelope, operation and maintenance, lighting, cooking and water heating. Field representatives work with architects, engineers, consultants, contractors, equipment suppliers and building owners and occupants to encourage the most efficient use of all energy sources and available technologies.

Program Accomplishments: There were 58 actual buildings certified during the current period compared to 180 projected for a difference of 122 under the projection.

Program Fiscal Expenditures: Actual expenses were \$503,049 for the period while projected expenses were \$501,611 resulting in a variance of \$1,438 over the projection. This overage is due primarily to the new energy efficiency program tracking tool and was offset in part by less labor expenses than projected.

Program Progress Summary: A total of 9,336 commercial/industrial buildings have qualified for the GoodCents designation since the program was developed in 1977.

SCHEDULE CT-6
Page 6 of 16

Program Description and Progress

Program Title: Commercial Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing commercial/industrial customers through the promotion and installation of geothermal heating and cooling systems.

Program Accomplishments: There were 3 units actually installed compared to 20 units projected by year end, a difference of 17 units under projection.

Program Fiscal Expenditures: Actual expenses were \$99,541 for the recovery period compared to projected expenses of \$67,686 resulting in a difference of \$31,855 over the projection. This overage was due primarily to a new energy efficiency program tracking tool and incentives paid to customers. Incentives were erroneously under-projected in the September, 2010 projection filing resulting in the variance. Additionally, expenses incurred for personnel to attend a Geothermal Heat Pump Training Conference contribute to the overage.

Program Progress Summary: To date, 31 units have been installed under this program.

SCHEDULE CT-6
Page 7 of 16

Program Description and Progress

Program Title: Energy Services

Program Description: The Energy Services program is designed to establish the capability and process to offer advanced energy services, and energy efficient end-use equipment that is customized to meet the individual needs of large customers. Potential projects are evaluated on a case by case basis and must be cost effective to qualify for incentives or rebates. The types of projects covered under this program would include demand reduction or efficiency improvement retrofits, such as lighting (fluorescent and incandescent), motor replacements, HVAC retrofit (including geothermal applications), and new electro-technologies.

Program Accomplishments: For the 2010 recovery period, at the meter reductions of 1,066,694 kWh, winter kW of 293 and summer kW of 246 were achieved. The projected results for this period were at the meter energy reductions of 1,178,470 kWh and at the meter demand reductions of 510 kW winter and 275 kW summer.

Program Fiscal Expenditures: There were actual expenditures of \$70,279, including \$59,980 of incentives, for the 2010 recovery period compared to projected expenses of \$100,251 resulting in a variance of \$29,972 under the projection.

Program Progress Summary: Total reductions at the meter of 23,376,830 kWh, winter kW of 4,978 and summer kW of 6,636 have been achieved since this program was initiated.

SCHEDULE CT-6

Page 8 of 16

Program Description and Progress

Program Title: Renewable Energy¹

Program Description: The Renewable Energy Program is designed to encompass a variety of voluntary renewable and green energy programs under development by Gulf Power Company. The voluntary pricing options for customers include, but are not limited to, EarthCents *Solar* (Photovoltaic Rate Rider) and the Solar for Schools program. Additionally, this program will include expenses necessary to prepare and implement renewable energy initiatives utilizing landfill gas, wind, solar or other renewable energy sources.

Program Accomplishments:

EarthCents *Solar* (Photovoltaic (PV) Optional Rate Rider): The PV Rate Rider is an optional rate rider in which customers may purchase photovoltaic energy in 100-watt blocks. The construction of the photovoltaic facility or the purchase of power from photovoltaic facilities will begin upon the attainment of sufficient commitments from all participants across the Southern Company electric system where the option is available and, as necessary, after obtaining PSC approval. As of December, 2010, 47 customers have signed up for 59 100-watt blocks of energy.

Solar for Schools:

The Solar for Schools program has enabled Gulf Power to install a 4 kW PV solar system at each of the following institutions: the Junior Museum of Bay County in 2000, Meigs Middle School in Shalimar in 2003, West Florida High School of Advanced Technology in Pensacola in 2003, and Bay County High School in Panama City in 2004.

Gulf Power's new Solar for Schools program recently approved as part of the Renewable Programs filed in Gulf Power's 2010 Demand Side Management plan will replace this existing program and will no longer require voluntary customer contributions. Gulf Power is currently evaluating solar education and demonstration projects that will be funded with the existing voluntary customer contributions as we transition between programs.

1

In order PSC-10-0608-PAA-EG, the Commission approved Gulf's new solar pilot programs included in our 2010 Demand Side Management (DSM) plan. The renewable energy programs described in this section were available during 2010, but will be discontinued in 2011.

SCHEDULE CT-6

Page 9 of 16

Renewable Energy Initiative: Gulf continues to evaluate and develop renewable energy sources and offerings. During 2008, Gulf added resources to further evaluate several renewable energy generation options including landfill gas, biomass, municipal solid waste, solar PV projects, and to further evaluate opportunities for demand-side renewable energy programs as part of our renewable initiative. During 2009 and 2010, these resources provided needed support to:

- Facilitate the construction of the Perdido Bay Landfill Gas to Energy generation facility which became operational in September 2010,
- Erect a wind meteorological tower on Navarre Beach to collect coastal wind data and support wind energy education at a local school,
- Manage and evaluate Gulf's Solar Thermal Water Heating pilot program,
- Develop the renewable program offerings submitted as part of Gulf Power's 2010 Demand-Side Management Plan, and
- Manage other aspects of Gulf Power's renewable energy initiative and offerings such as Net Metering, customer inquiries related to renewable energy, and renewable energy related data collection and analysis.

Program Fiscal Expenditures: Actual expenses for this period were \$203,444 compared to projected expenses of \$150,721 which resulted in a variance of \$52,723 over the projection. Actual expenses were as follows: Solar for Schools, \$0; EarthCents *Solar*, \$21,762; and Renewable Energy initiatives, \$181,682. This overage is due to a new energy efficiency program tracking tool and labor. However, the labor is offset in part by an underage in labor expenses in the "Renewable Energy (New)" program.

SCHEDULE CT-6

Page 10 of 16

Program Description and Progress

Program Title: Renewable Energy (New)

Program Description: The Renewable Energy Program promotes the deployment of demand-side renewable technologies through a portfolio of four programs. These programs include providing capital for the deployment of PV systems up to 10 kW in public education facilities (Solar for Schools), offering PV rebates and solar thermal water heating (STWH) rebates structured similarly to the state's current program administered by the Florida Energy Climate Commission (FECC) and facilitating the installation of STWH systems in low-income housing units.

Program Accomplishments: N/A - New

Program Fiscal Expenditures: In anticipation of Gulf's solar program standards being approved during the last quarter 2010, Gulf included minimal dollars for standing up these programs. Program standards, however, were not approved during this period resulting in actual expenses of \$0 compared to projected expenses of \$124,402 which resulted in a variance of \$124,402 under projection.

Program Progress Summary: N/A - New

SCHEDULE CT-6

Page 11 of 16

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. PSC-93-0361-FOF-EG, 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:

McDonald's Geothermal Project – This is the first full Geothermal HVAC fast food restaurant to be constructed within Gulf Power Company's service area. The objective of this project is to demonstrate the energy and electrical demand benefits of this geothermal restaurant system as compared to other like restaurants operated by the same owner in the same geographic location. Additional benefits of developing a hot water consumption profile for this restaurant will be obtained within this project. This project is complete and a final report was filed in 2010.

UWF BEST House - Gulf Power has entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build the BEST (Build Educate Sustain Technology) House. This is a demonstration house that will be used as an educational tool and resource for Northwest Florida.

The BEST House program's intent is to provide a home featuring energy-efficient, sustainable design techniques available to the median homebuilder and buyer of today. The 3,300 square foot, three-bedroom home is a study model featuring passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a geothermal heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products. The most ambitious goal, however, is to make this an *off-grid* project with photovoltaic panels and a battery array substantial enough to supply all of the electrical power needed on site with an excess that can be sold.

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.

SCHEDULE CT-6

Page 12 of 16

General economic conditions affecting sponsor support and permitting requirements have delayed construction of the BEST House. Given current conditions, the project team is evaluating options for how to best proceed with this project. Despite the delays, all participants remain optimistic and enthusiastic about the completion and potential contributions of this project.

Electrode Boiler – This project will measure overall energy performance and verify operation of a new 3.4mW Electrode Boiler and two new 200HP natural gas boilers which produce steam for the Escambia County Jail. The Electrode Boiler is an emerging technology that has the potential, coupled with a time varying rate such as RTP, to produce steam very efficiently.

After a number of delays since its inception in 2005, the Electrode Boiler CDD Project was installed and made ready for operation in 2007. This project is complete and a final report was filed in 2010.

Variable-Speed Pool Pump – Two residential pool pumping configurations will be monitored and data gathered to determine and compare the kW and kWh consumption of the existing, conventional pumps, relative to the more technologically advanced and energy-efficient variable-speed pumping technology. This data will be gathered for both pumps under normal, but varied, operational scenarios such as long-term water filtration and short-term pool maintenance.

Monitoring of the conventional pumps began July, 2009, and monitoring of the variable-speed pumps began October, 2009. To date, monitoring results indicate significant kWh reduction potential and even larger kW reduction potential. Data collection is complete and analysis is in progress. A final report should be available by the end of the second quarter, 2011.

EnergySelect Electric Vehicle Project – In 2010, Gulf Power began conducting a demonstration project to obtain experience and collect data on a Plug-In Electric Hybrid Vehicle (PHEV). Of particular interest are the effects on the grid when charged at the premise of a customer on the RSVP rate schedule. The data collected is intended to include energy flows, operational characteristics and costs. The vehicle being used in the demonstration project is a Toyota Prius.

Data collection for this project will continue into 2011, with a final report to be submitted in 2012.

Extended Range Electric Vehicle

Obtain experience with and data on Extended Range Electric Vehicle (EREV) energy flows, operational characteristics, costs, and effects on the grid,

SCHEDULE CT-6

Page 13 of 16

especially when charged using Energy Select. Data collected is intended to include the effects of the EREV on our grid, the effects of integrating the EREV with the EnergySelect program and the customer cost impacts.

Data collection for this project will continue into 2012, with a final report to be submitted in 2013.

Plasma Waste Facility

The Hurlburt Plasma-to-Energy project provided support for a plasma waste to energy renewable technology research endeavor. Gulf Power, the USAF and Pyrogenesis worked together to coordinate this project which followed the conversion of plasma waste to energy for use in electrical connection to the power grid. The project included measurement of electrical output and consumption, as well as data collection.

Gulf Power will maintain and monitor the metered load for a two-year period commencing with the installation of the bi-directional meter. The data will be accumulated in 15 minute intervals and will be made available to Hurlburt Field monthly.

Program Fiscal Expenditures: Actual expenses for this period were \$138,604 compared to projected expenses of \$76,093 which resulted in a difference of \$62,511 over the projection. Project expenses were as follows: Electrode Boiler, \$5,404; McDonald's Geothermal, \$5,392; UWF BEST House, \$5,392; Variable Speed Pool Pump, \$5,392; Energy Select Vehicle, \$26,392; Plug-in Hybrid Vehicle, \$45,239; Plasma Waste Facility, \$45,393. The overages are due in part to a new energy efficiency reporting tool, \$40,000 in unbudgeted expenses for the Plasma Waste Facility and a 2011 payment for \$21,000 for the Extended Range Electric Vehicle accrued in December 2010.

SCHEDULE CT-6

Page 14 of 16

Program Description and Progress

Program Title: Solar Thermal Water Heating Pilot Program

Program Description: Approved in December 2008, Gulf Power's one-year Solar Thermal Water Heating Pilot Program was designed to gauge utility customer interest in, and acceptance of, the technology, as well as determine what economic incentives may be most effective in increasing the public's willingness to install the technology in their homes. Gulf offered a \$1,000 rebate payable to customers after a qualifying system was installed by the customer and inspected by Company personnel. The program also included a demonstration of the solar thermal water heating technology in a low-income multi-family application. This pilot program ended in December, 2009; however, four customer incentives, qualified in 2009, were paid in 2010.

Program Accomplishments: There was no additional activity for this program during 2010.

Program Fiscal Expenditures: There were actual expenditures of \$4,000 for the 2010 recovery period compared to projected expenses of \$4,000 resulting in a variance of \$0.

SCHEDULE CT-6

Page 15 of 16

Program Description and Progress

Program Title: Energy Education Pilot Program

Program Description: The objective of the Energy Education program is to raise awareness of energy efficiency and conservation and to increase participation in conservation opportunities, including Gulf's existing and future energy efficiency and conservation programs. The Program consists of four components:

1. Consumer Awareness
2. School-Based Education
 - a. Science Teacher Training
 - b. Eighth Grade Instructional Assistance
3. Community-Based Education
4. Contractor Education

Program Projections: The Commission approved this pilot program for the year 2009 in Order No. PSC-08-0802-PAA-EG. During 2010, expenses were incurred to maintain continuity while anticipating a transition to the revised program included as part of Gulf's Residential Energy Audit and Education program included in our 2010 DSM plan. These expenses were for labor, curriculum and other educational material for schools and teachers participating in the program.

Program Accomplishments:

School-Based Education

The School-based Education component is a training program for middle school science teachers, as well as a resource for support materials to augment the teachers' energy-related lesson plans. Gulf has partnered with the non-profit National Energy Education Development (NEED) Project to provide training and materials customized to specific school and district needs in carrying out the Florida Department of Education's Sunshine State Standards for Science.

Classroom: For the 2010-11 school year, Gulf supplied curriculum and activities in more than six different energy-related subjects ranging from energy sources to energy conservation and school energy management to 25 elementary, middle and high school classrooms. Each class also received two hands-on experiments kits – one with energy efficiency and conservation projects and one with solar energy projects – to complement the curriculum materials.

Gulf Power employees also support students' energy education through classroom demonstrations and presentations upon request.

SCHEDULE CT-6

Page 16 of 16

Teacher: For the 2010-11 school year, Gulf Power provided a two-day teacher workshop in conjunction with NEED instructors. 25 elementary, middle and high school science teachers and district curriculum coordinators participated in energy efficiency/conservation and solar energy training to earn continuing education credits.

Summer camp: During the summer of 2010, Gulf Power conducted two energy summer camps – one in partnership with a community low-income program and the other with a university – providing energy efficiency and renewable energy activities for almost 50 students.

Community-Based Education

Gulf Power employees continue to provide energy efficiency awareness in the communities we serve through presentations at events and civic meetings on a regular basis.

Program Fiscal Expenditures: There were actual expenditures of \$148,111 for the 2010 recovery period compared to projected expenses of \$119,465 resulting in a variance of \$28,646 over the projection. This overage is due primarily to \$19,400 for curriculum, \$5,675 for printed material and \$2,905 in additional labor expenses.