

July 30, 2010

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

Dear Ms. Cole:
Enclosed for official filing in Docket No. 100007-El are an original and fifteen copies of the following:

1. Prepared direct testimony of James O. Vick.
2. Prepared direct testimony and exhibit of Richard W. Dodd.

vo


Enclosures
cc w/encl.: Squire, Sanders, \& Dempsey, L.L.P. Charles A. Guyton, Esq.
Beggs \& Lane Jeffrey A. Stone, Esq.

ADM $\qquad$ $6259 \operatorname{HO}-20$
ORC
CLKCT,RPR

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished this $30^{\text {th }}$ day of July, 2010, by US mail to the following:

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# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION 

## ENVIRONMENTAL COST RECOVERY CLAUSE

## DOCKET NO. 100007-EI

PREPARED DIRECT TESTIMONY AND EXHIBIT OF JAMES O. VICK

## ESTIMATED TRUE-UP FILING FOR THE PERIOD

## JANUARY 2010 - DECEMBER 2010

AUGUST 2, 2010


A SOUTHERN COMPANY

# GULF POWER COMPANY 

Before the Florida Public Service Commission Prepared Direct Testimony and Exhibit of James O. Vick<br>Docket No. 100007-EI<br>August 2, 2010

Q. Please state your name and business address.
A. My name is James O. Vick, and my business address is One Energy Place, Pensacola, Florida, 32520.
Q. By whom are you employed and in what capacity?
A. I am employed by Gulf Power Company as the Director of Environmental
Affairs.
Q. Mr. Vick, will you please describe your education and experience?
A. I graduated from Florida State University, Tallahassee, Florida, in 1975 with a Bachelor of Science Degree in Marine Biology. I also hold a Bachelor's Degree in Civil Engineering from the University of South Florida in Tampa, Florida. In addition, I have a Masters of Science Degree in Management from Troy State University, Pensacola, Florida. In August 1978, I joined Gulf Power Company as an Associate Engineer and have since held various engineering positions with increasing responsibilities such as Air Quality Engineer, Senior Environmental Licensing Engineer, and Manager of Environmental Affairs. In 2003, I assumed my present position as Director of Environmental Affairs.
Q. What are your responsibilities with Gulf Power Company?
A. As Director of Environmental Affairs, my primary responsibility is overseeing the activities of the Environmental Affairs area to ensure the Company is, and remains, in compliance with environmental laws and regulations, i.e. both existing laws and such laws and regulations that may be enacted or amended in the future. In performing this function, I am responsible for numerous environmental activities.
Q. Are you the same James O. Vick who has previously testified before this Commission on various environmental matters?
A. Yes.
Q. Mr. Vick, what is the purpose of your testimony?
A. The purpose of my testimony is to support Gulf Power Company's Environmental Cost Recovery Clause (ECRC) estimated true-up for the period January through December 2010. This true-up is based on six months of actual data and six months of estimated data.
Q. Mr. Vick, please compare Gulf's recoverable environmental capital costs included in the estimated true-up calculation for the period January 2010 through December 2010 with the approved projected amounts.
A. As reflected in Mr. Dodd's Schedule 6E, the recoverable capital costs approved in the original projection total $\$ 121,139,304$ as compared to the estimated true-up amount of $\$ 128,112,677$. This resulted in a variance of $\$ 6,973,373$ or $5.8 \%$. There are eight capital projects and programs that
contributed to the majority of this variance: the Continuous Emission Monitoring System (CEMS) Program, Smith Water Conservation project, Crist FDEP Agreement for Ozone Attainment, Precipitator Upgrades for CAM Compliance, Crist Water Conservation project, CAIR/CAMR/CAVR Compliance program, Annual NOx Allowances, and SO2 Allowances. Several of these projects are impacted by the change in the Company's depreciation rates and dismantlement accruals made as a result of Gulf's comprehensive depreciation study and site-specific dismantlement study in Docket No. 090319-EI. The impacts shown in this filing reflect the Commission's decision in Order No. PSC-10-0458-PAA-EI, issued July 19, 2010 ("Depreciation Order").
Q. Please explain the capital variance of $\$ 215,909$ or $23.3 \%$ in the Continuous Emissions Monitoring System (CEMS) Program (Line Item 1.5).
A. Approximately $\$ 50,000$ of the variance is due to shifting the CEMS bypass projects at Plant Crist from 2011 into 2010. The remaining variance is primarily due to the carrying cost related to the emission monitoring equipment for the Plant Crist scrubber and depreciation expenses. The emissions monitoring equipment for the scrubber was originally budgeted under the CAIR/CAMR/CAVR Compliance Program. To be consistent with the classification of the other emission monitoring equipment associated with the CEMS program in the ECRC, Gulf has included the scrubber emission monitoring equipment in the CEMS Program line item. The increase in the carrying cost associated with this equipment in the CEMS line item is offset in the CAIR/CAMR/CAVR Compliance Program line item.
Q. Please explain the capital variance of $(\$ 73,440)$ or $(72.9 \%)$ in the Smith Water Conservation Program (Line Item 1.17).
A. This variance is due to lower carrying cost than originally projected. Some of the expenditures projected for 2010 have been shifted to 2011 due to a change in reclaimed water disposal options as well as associated permitting required for the underground injection test well. Initially, Gulf assumed that Plant Smith could properly dispose of the used reclaimed water using a spray field. However, the on-site groundwater table and existing site hydrology makes it unacceptable as a spray irrigation site. As a result of the on-site hydrology conditions, underground injection was chosen as the proposed disposal option.
Q. Please explain the capital variance of $\$ 259,627$ or $1.5 \%$ in the Crist FDEP Agreement for Ozone Attainment Program (Line Item 1.19).
A. This variance is primarily due to the increase resulting from implementation of the Depreciation Order.
Q. Please explain the capital variance of $\$ 160,926$ or $4.1 \%$ in the Precipitator Upgrades for CAM Compliance (Line Item 1.22).
A. This variance is primarily due to the increase resulting from implementation of the Depreciation Order.
Q. Please explain the capital variance of $\$ 211,010$ or $11.2 \%$ in the Crist Water Conservation Program (Line Item 1.24).
A. Gulf installed a cooling tower blowdown line to separate the previously combined discharge from the Plant Crist Units 6 and 7 cooling towers to meet Plant Crist NPDES permit requirements. This portion of the project was not included in 2010 projection filing which resulted in higher carrying costs than originally projected. An additional factor contributing to the variance is an increase in depreciation expense resulting from implementation of the new depreciation rates.
Q. Please explain the capital variance of $\$ 5,845,118$ or $6.6 \%$ in the CAIR/CAMR/CAVR Compliance Program (Line Item 1.26).
A. This variance is due to the increase resulting from implementation of the Depreciation Order.
Q. Please explain the capital variance of $\$ 286,597$ or $21.5 \%$ in Annual NOx and SO2 Allowances (Line Items 1.29 and 1.31).
A. This variance is due to a higher allowance inventory balance at the beginning of the year than was originally projected in the 2010 Projection filing which is expected to continue throughout 2010. This results in higher carrying costs than were projected.
Q. How do the estimated/actual 2010 O\&M expenses compare to the 2010 original projection?
A. Mr. Dodd's Schedule 4E reflects that Gulf's recoverable environmental O\&M expenses for the current period are now estimated at $\$ 35,001,904$ as compared to $\$ 40,176,524$. This results in an estimated year-end variance of
$(\$ 5,174,620)$ or ( $12.9 \%$ ). I will address seven O\&M projects and programs that contribute to this variance: Air Emissions Fees, General Water Quality, Ash Pond Diversion Curtains, CAIR/CAMR/CAVR Compliance Program, MACT ICR, Annual NOx Allowances and Seasonal NOx Allowances.
Q. Please explain the O\&M variance of $(\$ 201,870)$ or $(22.0 \%)$ in the Air Emission Fees (Line Item 1.2).
A. This variance is due to air emission fees being lower than expected due to the reduced operations of coal-fired units at some of Gulf's generating plants.
Q. Please explain the O\&M variance of $\$ 210,759$ or $47.7 \%$ in (Line Item 1.6) General Water Quality Program.
A. The variance is primarily due to the expenses associated with the effluent Information Collection Request (ICR). The Environmental Protection Agency (EPA) is in the process of revising the Federal Effluent Guidelines for NPDES surface water discharges for the Steam Electric Generating Industry (40 CFR Part 423). As part of this process, EPA has issued an ICR to every coal plant in the nation, including Gulf's plants. Gulf was not made aware of this request until late 2009; therefore, the related costs were not included in the 2010 Projection filing.
Q. Please explain the O\&M variance of $\$ 739,668$ in (Line Item 1.14), Ash Pond Diversion Curtains.
A. Line Item 1.14 includes replacing the Plant Crist Ash Pond flow diversion curtains and dredging the ash pond. This project was expected to be
completed in 2009; however, it will not be completed until 2010. This resulted in an increase in 2010 expenses and a decrease in 2009 expenses as explained in the 2009 Final True-up. The Plant Crist ash pond dredging took longer than expected due to the amount of time needed to settle suspended solids and due to contractor scheduling conflicts.
Q. Please explain the $O \& M$ variance $(27.5 \%)$ of $(\$ 5,696,087)$ in the CAIR/CAMR/CAVR Compliance Program, Line Item 1.20.
A. The CAIR/CAMR/CAVR Compliance Program currently includes O\&M expenses associated with the Crist Units 4 through 7 scrubber, the Smith Units 1 and 2 SNCRs, and the Scholz mercury monitoring project. More specifically, this line item includes the cost of urea, limestone, and general operation and maintenance activities included in Gulf's CAIR/CAMR/CAVR Compliance Program. The line item variance is primarily due to Gulf projecting to purchase less limestone in 2010 than originally expected.
Q. Please explain the O\&M variance of $(\$ 256,959)$ or $(47.5 \%)$ in the MACT ICR Program (Line Item 1.21).
A. The MACT ICR Program variance is due to a change in the scope of work as finalized in EPA's ICR instructions. Plant Smith and Plant Daniel were removed from requirements to test for hazardous air pollutants and the number of units and parameters Plant Crist tested were significantly reduced.
Q. Please explain the O\&M variance of $4.0 \%$ or $\$ 332,626$ in Annual NOx Emission Allowances (Line Item 1.23).
A. This variance is due to Gulf surrendering more allowances than originally projected due to startup and bypass operations of the Plant Crist scrubber. EPA's emissions reporting protocol requires that Gulf disallow any credit for pollution control during these events. The EPA guidance on how these events should be addressed under the regulations was not established until after Gulf's projection filing. Gulf is installing continuous emission monitors in the Crist bypass stacks to eliminate these impacts in the future.
Q. Please explain the O\&M variance of $(50.3 \%)$ or $(\$ 216,125)$ in Seasonal NOx
A. This variance is primarily due to a lower estimated cost of allowances surrendered compared to the cost originally projected. Gulf is now expecting to be able to operate within our existing inventory of allowances without the need to purchase additional allowances, which were included in the projection filing at an expected price above Gulf's existing inventory price.
Q. Mr. Vick, does this conclude your testimony?
A. Yes.

## Emission Allowances (Line Item 1.24).

## . Yes.

## AFFIDAVIT

## STATE OF FLORIDA ) <br> COUNTY

Docket No. 100007-EI

Before me the undersigned authority, personally appeared James O. Nick, who being first duly sworn, deposes, and says that he is the Environmental affairs Director at Gulf Power Company, a Florida corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.


Sworn to and subscribed before me this $30^{\text {th }}$ day of July, 2010

Notary Public, State of Florida at Large
Commission Number: DD 866249
Commission Expires: June 26,2013

DOCUMENT NO. DATE

## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

# ENVIRONMENTAL COST RECOVERY CLAUSE 

DOCKET NO. 100007-EI

PREPARED DIRECT TESTIMONY AND<br>EXHIBIT OF RICHARD W. DODD

## ESTIMATED TRUE-UP FILING FOR THE PERIOD

JANUARY 2010 - DECEMBER 2010

AUGUST 2, 2010


A SOUTHERN COMPANY

# GULF POWER COMPANY 

Before the Florida Public Service Commission Prepared Direct Testimony and Exhibit of Richard W. Dodd Docket No. 100007-EI<br>Date of Filing: August 2, 2010

Q. Please state your name, business address and occupation.
A. My name is Richard W. Dodd. My business address is One Energy Place, Pensacola, Florida 32520-0780. I am the Supervisor of Rates and Regulatory Matters at Gulf Power Company.
Q. Please briefly describe your educational background and business experience.
A. I graduated from the University of West Florida in Pensacola, Florida in 1991 with a Bachelor of Arts Degree in Accounting. I also received a Bachelor of Science Degree in Finance in 1998 from the University of West Florida. I joined Gulf Power in 1987 as a Co-op Accountant and worked in various areas until I joined the Rates and Regulatory Matters area in 1990. After spending one year in the Financial Planning area, I transferred to Georgia Power Company in 1994 where I worked in the Regulatory Accounting department and in 1997 I transferred to Mississippi Power Company where I worked in the Rate and Regulation Planning department for six years followed by one year in Financial Planning. In 2004 I returned to Gulf Power Company working in the General Accounting area as Internal Controls Coordinator.

In 2007 I was promoted to Internal Controls Supervisor and in July 2008, I assumed my current position in the Rates and Regulatory Matters area.

My responsibilities include supervision of: tariff administration, cost of service activities, calculation of cost recovery factors, and the regulatory filing function of the Rates and Regulatory Matters Department.
Q. What is the purpose of your testimony?
A. The purpose of my testimony is to present the estimated true-up amount for the period January 2010 through December 2010 for the Environmental Cost Recovery Clause (ECRC).
Q. Have you prepared an exhibit that contains information to which you will refer in your testimony?
A. Yes, I have. My exhibit consists of nine schedules, each of which was prepared under my direction, supervision, or review.

Counsel: We ask that Mr. Dodd's Exhibit consisting of nine schedules be marked as Exhibit No. $\qquad$ (RWD-3).
Q. Have you verified that to the best of your knowledge and belief the information contained in these documents is correct?
A. Yes, I have.
Q. What has Gulf calculated as the estimated true-up for the January 2010 through December 2010 period to be refunded or collected in the period January 2011 through December 2011?
A. The estimated true-up for the current period is an under-recovery of $\$ 234,779$ as shown on Schedule 1E. This is based on six months of actual data and six months of estimated data. This amount will be added to the 2009 final true-up over-recovery amount of \$9,744,785 (see Revised Schedule 1A to Gulf's testimony filed May 21, 2010). The sum of $\$ 9,510,006$ will be refunded to customers during the January 2011 through December 2011 period. The detailed calculations supporting the estimated true-up for 2010 are contained in Schedules $2 E$ through 8 E .
Q. Please describe Schedules 2E and 3E of your exhibit.
A. Schedule 2E shows the calculation of the estimated over-recovery of environmental costs for the period January 2010 through December 2010. Schedule 3E of my exhibit is the calculation of the interest provision on the average true-up balance. This is the same method of calculating interest that is used in the Fuel Cost Recovery and Purchased Power Capacity Cost Recovery clauses.
Q. Please describe Schedules 4E and 5E of your exhibit.
A. Schedule 4E compares the estimated/actual $O$ \& $M$ expenses for the period January 2010 through December 2010 to the projected O \& M expenses approved by the Commission in conjunction with the November 2009 hearing. Schedule 5E shows the monthly O \& M expenses by
activity, along with the calculation of jurisdictional O \& M expenses for the current recovery period. Per the Staff's request, emission allowance expenses and the amortization of gains on emission allowances are included with O \& M expenses. Mr. Vick describes the main reasons for the expected variances in $\mathrm{O} \& \mathrm{M}$ expenses in his true-up testimony.
Q. Please describe Schedules 6E and 7E of your exhibit.
A. Schedule 6E for the period January 2010 through December 2010 compares the estimated/actual recoverable costs related to investment to the projected amount approved in conjunction with the November 2009 hearing. The recoverable costs include the return on investment, depreciation and amortization expense, dismantlement accrual, and property taxes associated with each environmental capital project for the current recovery period. Recoverable costs also include a return on working capital associated with emission allowances. Schedule 7E provides the monthly recoverable revenue requirements associated with each project, along with the calculation of the jurisdictional recoverable revenue requirements. Mr. Vick describes the major variances in recoverable costs related to environmental investment for this estimated true-up period in his testimony.
Q. Please describe Schedule 8E of your exhibit.
A. Schedule 8E includes 31 pages that provide the monthly calculations of recoverable costs associated with each approved capital investment for the current recovery period. As I stated earlier, these costs include return
on investment, depreciation and amortization expense, dismantlement accrual, property taxes, and the return on working capital associated with emission allowances. Pages 1 through 27 of Schedule 8 E show the investment and associated costs related to capital projects, while pages 28 through 31 show the investment and return related to emission allowances.
Q. Please explain how the depreciation, amortization and dismantlement expenses, and the associated accumulated depreciation balances are calculated.
A. For July through December 2010, depreciation and dismantlement expenses are based on depreciation rates and dismantlement costs approved in Commission Order No. PSC-10-0458-PAA-EI, issued July 19, 2010 ("Depreciation Order"). In addition, an adjustment was calculated and included in July's projected depreciation and dismantlement expenses to reflect the application of the approved rates for the January through June 2010 period.
Q. What capital structure and return on equity were used to develop the rate of return used to calculate the revenue requirements as shown on Schedule 9E?
A. Consistent with Commission policy, the capital structure used in calculating the rate of return for recovery clause purposes is based on the capital structure approved in Gulf's last completed rate case. The rate of return for the ECRC is based on the capital structure approved in Docket No. 010949-EI, FPSC Order No. PSC-02-0787-FOF-El dated June 10, 2002. The rate of return used to calculate ECRC revenue requirements includes a return on equity of $12.0 \%$ for the period January 1,2010 through December 31, 2010.
Q. Mr. Dodd, does this conclude your testimony?
A. Yes.

## Schedule 1E

## Gulf Power Company

Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period Estimated True-Up Amount January 2010 - December 2010

Period
Amount
Line $\qquad$
1 Over/(Under) Recovery for the current period (Schedule 2E, Line 5)
$(269,407)$
2 Interest Provision
(Schedule 2E, Line 6)
34,628
3 Current Period True-Up Amount to be refunded/(recovered)
in the projection period January 2011 - December 2011 (Lines $1+2$ )
$(234,779)$

## Line

1 ECRC Revenues (net of Revenue Taxes)
2 True-Up Provision (Order No. PSC-09-0759-FOF-El)
3 ECRC Revenues Applicable to Period (Lines 1+2)
4 Jurisdictional ECRC Costs
O \& M Activities (Schedule 5E, Line 9)
b Capital Investment Projects (Schedule 7E, Line 9)
c Total Jurisdictional ECRC Costs
5 Over/(Under) Recovery (Line 3-Line 4c)
6 Interest Provision (Schedule 3E, Line 10)
7 Beginning Balance True-Up \& Interest Provision
a Actual Total for True-Up Period 2009
b Final True-Up from January 2008 - December 2008 (Order No. PSC-09-0759-FOF-EI)

8 True-Up Collected/(Refunded) (see Line 2)
9 Adjustments
10 End of Period Total True-Up (Lines $5+6+7 a+7 b+8$ )

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Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount January 2010 - December 2010

Current Period True-Up Amount
(in Dollars)

| Actual <br> January | Actual <br> February | Actual March | Actual April | Actual <br> May | Actual June | $\begin{gathered} \text { Estimated } \\ \text { July } \end{gathered}$ | Estimated August | Estimated <br> September | Estimated October | Estimated November | Estimated December | End of Period Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13.323,103 | 12,212,355 | 10,477,336 | 10,053,918 | 13,542,691 | 15,280,418 | 15,917,514 | 15,796,865 | 13,886,276 | 12,565,168 | 10,871,186 | 11,886.257 | 155,813,086 |
| 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 148,878 | 1,786,538 |
| 13,471,981 | 12,361,233 | 10,626,214 | 10,202,796 | 13,691,569 | 15,429,296 | 16,066,392 | 15,945,743 | 14,035,154 | 12.714,046 | 11,020,064 | 12,035,135 | 157,599,624 |
| 4,460,559 | 2,390,947 | 2,329,012 | 1,368,033 | 2,367,264 | 1,809,330 | 3,341,057 | 3,574.730 | 2,966,885 | 3,136,288 | 2,780,261 | 3,339,412 | 33,863,778 |
| 9,566,483 | 9,798,537 | 9,806,258 | 9,831,327 | 9,862,037 | 9,904,292 | 13,475,980 | 10,387,875 | 10,376,369 | 10,369,591 | 10,313.161 | 10,313,343 | 124,005,253 |
| 14,027,042 | 12,189,484 | 12,135,270 | 11,199,360 | 12,229,301 | 11,713,622 | 16,817,037 | 13,962,605 | 13,343,254 | 13,505,879 | 13,093,422 | 13,652,755 | 157,869,031 |
| $(555,061)$ | 171,749 | (1,509,056) | (996.564) | 1,462,268 | 3,715,674 | (750,645) | 1,983,138 | 691,900 | $(791,833)$ | $(2,073,358)$ | (1,617,620) | $(269,407)$ |
| 1,867 | 1,854 | 1,754 | 1,578 | 2,073 | 3,212 | 3,647 | 3,785 | 4,133 | 4,076 | 3,615 | 3,034 | 34,628 |
| 10,149,912 | 9,447,840 | 9,472,565 | 7,816,384 | 6,672,520 | 7,987,983 | 11,557,991 | 10,662,115 | 12,500,160 | 13,047,315 | 12,110,680 | 9,892,059 | 10,149,912 |
| 1,381,411 | 1,381,411 | 1,381,411 | 1,381.411 | 1,381,411 | 1,381,411 | 1,381,41) | 1,381,411 | 1,381,411 | 1,381,411 | 1,381,411 | 1,381,411 | 1,381,411 |
| $(148,878)$ | $(148,878)$ | $(148,878)$ | (148,878) | (148.878) | $(148,878)$ | $(148,878)$ | $(148,878)$ | $(148,878)$ | $(148,878)$ | (148,878) | $(148,878)$ | (1,786,538) |


| $10,829,251$ | $10,853,976$ | $9,197,795$ | $8,053,931$ | $9,369,394$ | $12,939,402$ | $12,043,526$ | $13,881,571$ | $14,428,726$ | $13,492,091$ | $11,273,470$ | $9,510,006$ | $9,510,006$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amoun January 2010 - December 2010

| Interest Provision (in Dollars) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Actual January | Actual <br> February | Actual <br> March | Actual April | Actual May | Actual June | Estimated July | Estimated August | Estimated <br> September | Estimated October | Estimated <br> November | Estimated December | End of Period Amount |
| 11,531,323 | 10,829,251 | 10,853,976 | 9,197,795 | 8,053,931 | 9,369,394 | 12,939,402 | 12,043,526 | 13,881,571 | 14,428,726 | 13,492,091 | 11,273,470 |  |
| 10,827,384 | 10,852,122 | 9,196,041 | 8,052,353 | 9,367,321 | 12,936,190 | 12,039,879 | 13,877,786 | 14,424,593 | 13,488,015 | 11,269,855 | 9,506,972 |  |
| 22,358,707 | 21,681,373 | 20,050,017 | 17,250,148 | 17,421,252 | 22,305,585 | 24,979,282 | 25,921,313 | 28,306,165 | 27,916,742 | 24,761,947 | 20,780,443 |  |
| 11,179,353 | 10,840,686 | 10,025,009 | 8,625,074 | 8,710,626 | 11,152,792 | 12,489,641 | 12,960,656 | 14,153,082 | 13,958,371 | 12,380,973 | 10,390,221 |  |
| 0.002000 | 0.002000 | 0.002100 | 0.002100 | 0.002300 | 0.003400 | 0.003500 | 0.003500 | 0.003500 | 0.003500 | 0.003500 | 0.003500 |  |
| 0.002000 | 0.002100 | 0.002100 | 0.002300 | 0.003400 | 0.003500 | 0.003500 | 0.003500 | 0.003500 | 0.003500 | 0.003500 | 0.003500 |  |
| 0.004000 | 0.004100 | 0.004200 | 0.004400 | 0.005700 | 0.006900 | 0.007000 | 0.007000 | 0.007000 | 0.007000 | 0.007000 | 0.007000 |  |
| 0.002000 | 0.002050 | 0.002100 | 0.002200 | 0.002850 | 0.003450 | 0.003500 | 0.003500 | 0.003500 | 0.003500 | 0.003500 | 0.003500 |  |
| 0.000167 | 0.000171 | 0.000175 | 0.000183 | 0.000238 | 0.000288 | 0.000292 | 0.000292 | 0.000292 | 0.000292 | 0.000292 | 0.000292 |  |
| 1,867 | 1,854 | 1,754 | 1,578 | 2.073 | 3,212 | 3,647 | 3,785 | 4,133 | 4,076 | 3,615 | 3,034 | 34,628 |

## Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2010 - December 2010

## Variance Report of O \& M Activities

(in Dollars)

| Line |  | (1) <br> Estimated/ Actual | Original Projection | Variance |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Amount | Percent |  |
| 1 Description of O \& M Activities |  |  |  |  |  |  |
|  | . 1 Sulfur | 0 | 0 | 0 | 0.0 | \% |
|  | .2 Air Emission Fees | 714,504 | 916,374 | $(201,870)$ | (22.0) | \% |
|  | . 3 Title V | 122,446 | 126,436 | $(3,990)$ | (3.2) | \% |
|  | . 4 Asbestos Fees | 1,500 | 2,600 | $(1,100)$ | (42.3) | \% |
|  | . 5 Emission Monitoring | 555,646 | 559,914 | $(4,268)$ | (0.8) | \% |
|  | . 6 General Water Quality | 652,465 | 441,707 | 210,759 | 47.7 | \% |
|  | .7 Groundwater Contamination Investigation | 1,609,149 | 1,630,452 | (21,303) | (1.3) | \% |
|  | . 8 State NPDES Administration | 42,248 | 42,000 | 248 | 0.6 | \% |
|  | . 9 Lead and Copper Rule | 21,096 | 21,000 | 96 | 0.5 | \% |
|  | .10 Env Auditing/Assessment | 7,168 | 12,000 | $(4,832)$ | (40.3) | \% |
|  | . 11 General Solid \& Hazardous Waste | 512,481 | 558,133 | $(45,652)$ | (8.2) | \% |
|  | .12 Above Ground Storage Tanks | 87,555 | 98,387 | $(10,832)$ | (11.0) | \% |
|  | .13 Low Nox | 0 | 0 | 0 | 0.0 | \% |
|  | .14 Ash Pond Diversion Curtains | 739.668 | 0 | 739,668 | 100.0 | \% |
|  | .15 Mercury Emissions | 0 | 0 | 0 | 0.0 | \% |
|  | .16 Sodiutn Injection | 244,362 | 242,989 | 1,373 | 0.6 | \% |
|  | .17 Gulf Coast Ozone Study | 0 | 0 | 0 | 0.0 | \% |
|  | .18 SPCC Substation Project | 0 | 0 | 0 | 0.0 | \% |
|  | . 19 FDEP NOX Reduction Agreement | 2,673,456 | 2,647,500 | 25,956 | 1.0 | \% |
|  | . 20 CAIR/CAMR/CAVR Compliance Program | 15,033,520 | 20,729,607 | $(5,696,087)$ | (27.5) | \% |
|  | . 21 MACT ICR | 284,041 | 541,000 | $(256,959)$ | (47.5) | \% |
|  | .22 Mercury Allowances | 0 | 0 | 0 | 0.0 | \% |
|  | .23 Annual NOx Allowances | 8,746,048 | 8,413,422 | 332,626 | 4.0 | \% |
|  | . 24 Seasonal NOx Allowances | 213,297 | 429,422 | $(216,125)$ | (50.3) | $\%$ |
|  | . 25 SO2 Allowances | 2.741,254 | 2,763,581 | (22,327) | (0.8) | \% |
| 2 | Total O \& M Activities | 35,001904 | 40.176.524 | (5.174.620) | (12.9) | \% |
| 3 | Recoverable Costs Allocated to Energy | 32,068,242 | 37,370,246 | (5,302,004) | (14.2) | \% |
| 4 | Recoverable Costs Allocated to Demand | 2,933,662 | 2,806,278 | 127,384 | 4.5 | \% |

Notes:
Column (1) is the End of Period Totals on Schedule 5E
Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-09-0759-FOF-EI Column (3) = Column (1) - Column (2)

## Guff Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Arnount
January 2010 - December 2010
O\&MActivities
(in Dollars)


## Gulf Power Company

Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period Estimated True-Up Amount January 2010 - December 2010

## Variance Report of Capital Investment Projects - Recoverable Costs

 (in Dollars)| Line |  | (1) <br> Estimated/ <br> Actual | (2) <br> Original <br> Projected | (3) | (4) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Variance |  |  |  |
|  |  | Amount |  | Percent |  |
| Description of Investment Projects |  |  |  |  |  |  |
|  | . 1 Air Quality Assurance Testing |  | 39,220 | 39,220 |  | 0.0 | \% |
|  | . 2 Crist 5,6 \& 7 Precipitator Projects |  | 1,846,580 | 1,874,449 | $(27,869)$ | (1.5) | \% |
|  | . 3 Crist 7 Flue Gas Conditioning | 168,240 | 168.138 | 102 | 0.1 | \% |
|  | . 4 Low NOx Bumers, Crist 6 \& 7 | 2,012,558 | 1,986,357 | 26,201 | 1.3 | \% |
|  | . 5 CEMS - Plants Crist, Scholz, Smith, \& Daniel | 1,140,729 | 924,820 | 215,909 | 23.3 | \% |
|  | . 6 Sub. Contam. Mobile Groundwater Treat. Sys. | 97.660 | 99,423 | $(1,763)$ | (1.8) | \% |
|  | .7 Raw Water Well Flowmeters - Plants Crist \& Smith | 27,357 | 26,214 | 1.143 | 4.4 | \% |
|  | .8 Crist Cooling Tower Cell | 59,021 | 58,940 | 81 | 0.1 | \% |
|  | .9 Crist 1-5 Dechlorination | 27,048 | 26,163 | 885 | 3.4 | \% |
|  | . 10 Crist Diesel Fuel Oil Remediation | 6.819 | 6,621 | 198 | 3.0 | \% |
|  | .11 Crist Bulk Tanker Unload Sec Contain Struc | 8,997 | 8,707 | 290 | 3.3 | \% |
|  | .12 Crist [WW Sampling System | 5,247 | 5.074 | 173 | 3.4 | \% |
|  | . 13 Sodium Injection System | 48,895 | 47,260 | 1,635 | 3.5 | \% |
|  | . 14 Smith Stormwater Collection System | 264,727 | 243,348 | 21,379 | 8.8 | \% |
|  | . 15 Smith Waste Water Treatment Facility | 36,668 | 35,297 | 1,371 | 3.9 | \% |
|  | .16 Daniel Ash Management Project | 2,114,732 | 2,094,978 | 19,754 | 0.9 | \% |
|  | .17 Smith Water Conservation | 27,269 | 100,709 | $(73,440)$ | (72.9) | \% |
|  | . 18 Underground Fuel Tank Replacement | 0 | 0 | 0 | 0.0 | \% |
|  | . 19 Crist FDEP Agreement for Ozone Attainment | 17,568,221 | 17,308,594 | 259,627 | 1.5 | \% |
|  | . 20 SPCC Compliance | 125,832 | 125,176 | 656 | 0.5 | \% |
|  | .21 Crist Common FITR Monitor | 7,847 | 7.669 | 178 | 2.3 | * |
|  | . 22 Precipitator Upgrades for CAM Compliance | 4,077,611 | 3,916,685 | 160,926 | 4.1 | \% |
|  | .23 Plant Groundwater Investigation | 0 | 0 | 0 | 0.0 | \% |
|  | . 24 Crist Water Conservation | 2,102,037 | 1,891,027 | 211,010 | 11.2 | \% |
|  | . 25 Plant NPDES Permit Compliance Projects | 796.223 | 778,958 | 17,265 | 2.2 | \% |
|  | . 26 CAIR/CAMR/CAVR Compliance | 93,798,274 | 87,953,156 | 5,845,118 | 6.6 | \% |
|  | . 27 General Water Quality | 8.598 | 6,067 | 2,531 | 41.7 | \% |
|  | . 28 Mencury Allowances | 0 | 0 | 0 | 0.0 | \% |
|  | .29 Annual Nox Allowances | 569,256 | 394,521 | 174,735 | 44.3 | \% |
|  | . 30 Seasonal Nox Allowances | 13,285 | 9.869 | 3,416 | 34.6 | \% |
|  | . 31 SO2 Allowances | 1,113,726 | 1,001,864 | 111,862 | 11.2 | \% |
| 2 T | Total Investment Projects - Recoverable Costs | 128.112 .677 | 121.139.304 | 6.673 .373 | 5.8 | \% |
| 3 R | Recoverable Costs Allocated to Energy | 122,843,536 | 116,056,195 | 6,787,341 | 5.8 | \% |
| 4 R | Recoverable Costs Allocated to Demand | 5,269,141 | 5.083,109 | 186,032 | 3.7 | \% |

Notes:
Column (1) is the End of Period Totals on Schedule 7E
Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-09-0759-FOF-E Column (3) $=$ Column (1) - Column (2)
Column (4) $=$ Column (3) $/$ Column (2)

Gulf Power Companay
Environnental Cost Recovery Cluuse (ECRC) Cakulation of the Currens Period Estimated Tne- Up Amouns January 2010 - December 2010

Capital Iovestruent Projects - Recoverable Cost
(in Dollars)

| Linc |  |  | $\begin{aligned} & \text { Actual } \\ & \text { January } \end{aligned}$ | Actual <br> Eebruary | Actual March | Actual April | Actual May | Actual』unc | Estimaled | EstimaledAupugt | Estimated September | Estimated Octoher | Estimated November | Escimated December | End of Amount | Methed ofClassification |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Demand |  |  |  |  |  |  |  |  |  |  |  |  | Energy |
| Description of Investmen Projects (A) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Air Quatity Assurance Testing |  | 3.405 | 3.379 | 3.355 | 3.330 | 3,305 | 3.280 | 3.256 | 3.232 | 3.206 | 3.182 | 3.157 | 3.133 | 39.220 | 0 | 34.220 |
|  |  | Crisl 5.6 \& 7 Precipitaor Projects | 151.713 | 151.259 | 150.919 | 150.735 | 150.598 | 150.671 | 166.234 | 153,308 | 153.661 | 154.104 | 155.513 | 157.865 | 1.846.580 | 0 | 1.846.580 |
|  |  | Crist 7 Flue Gas Conditioning | 14.022 | 14.020 | 14.018 | 14.017 | 14.014 | 14.013 | 14.071 | 14,017 | 14.015 | 14,013 | 14.011 | 14.009 | 168.240 | 0 | 168,240 |
|  | 4 | Low NOx Bumers. Crist 6 \& 7 | 166.788 | 166.560 | 166.331 | 166.102 | 165,873 | 165,644 | 181.262 | 167.300 | 167.050 | 166.800 | 166.549 | 166.299 | 2.012 .558 | 0 | 2.012.558 |
|  | 5 | CEMS - Plams Crist. Schort. Smith \& Daniel | 89.634 | 90.749 | 92.438 | 92.475 | 92.361 | 92.302 | 97,812 | 91.651 | 94.631 | 97.611 | 102.555 | 106.510 | 1.140,729 | 0 | 1.140 .729 |
|  | 6 | Sub. Comam. Mobik Groundwater Trat. Sys. | 8.381 | 8.363 | 8.346 | 8.328 | 8.312 | 8.294 | 7.209 | 8.117 | 8.102 | 8.085 | 8.070 | 8.053 | 97.660 | 90.148 | 7.512 |
|  | . 7 | Raw Water Well Fowmeters - Plans Criss \& Smith | 2.216 | 2.209 | 2.204 | 2.199 | 2.193 | 2.187 | 2.874 | 2.268 | 2.262 | 2.255 | 2.248 | 2.242 | 27.357 | 25.254 | 2.103 |
|  | 8 | Crist Cooling Tower Cell | 4.920 | 4.918 | 4.917 | 4.916 | 4.914 | 4.912 | 4.961 | 4.916 | 4.914 | 4.912 | 4.911 | 4.910 | 59.021 | 54.481 | 4.540 |
|  | 9 | Crist 1-5 Dechlorination | 2.223 | 2.215 | 2.207 | 2.199 | 2.193 | 2.184 | 2.709 | 2.240 | 2.232 | 2.224 | 2.215 | 2.207 | 27.048 | 24.968 | 2,080 |
|  | 10 | Crist Diesel Fuel Oil Remediation | 561 | 560 | 558 | 556 | 554 | 553 | 670 | 565 | 563 | 562 | 559 | 558 | 6.819 | 6.294 | 525 |
|  | 11 | Cris Bulk Tanker Unioad Sec Comain Sunc | 740 | 737 | 735 | 732 | 729 | 727 | 900 | 745 | 743 | 739 | 736 | 734 | 8.997 | 8.305 | 692 |
|  | . 12 | Crist IWW Sampling System | 431 | 430 | 429 | 426 | 425 | 424 | 525 | 435 | 433 | 431 | 430 | 428 | 5.247 | 4.844 | 403 |
|  | . 13 | Sodium Injection System | 3.989 | 3.980 | 3.970 | 3.961 | 3.952 | 3.943 | 4.924 | 4.056 | 4.046 | 4.035 | 4.022 | 4.014 | 48.895 | ${ }^{0}$ | 48.895 |
|  | 14 | Smith Slormwater Colkection System | 20.579 | 20.525 | 20.470 | 20,416 | 20.361 | 20.306 | 33.182 | 21,922 | 21.850 | 21.778 | 21.705 | 21.633 | 264.727 | 244.364 | 20.363 |
|  | . 15 | Smith Waste Water Treamem Facility | 2.960 | 2.958 | 2.954 | 2.949 | 2.946 | 2.943 | 3.77 | 3.047 | 3.042 | 3.037 | 3.033 | 3,028 | 36.668 | 33.847 | 2.821 |
|  |  | Daniel Ash Managemen Project | 185.297 | 184.045 | 182,307 | 182.086 | 181,587 | 181.254 | 143.524 | 175.471 | 175,029 | 174.871 | 174.852 | 174.409 | 2.114.732 | 1,952.059 | 162,673 |
|  | . 17 | Smith Water Conservation | 1,336 | 1.333 | 1.331 | 1.328 | 1,326 | 1.322 | 2.086 | 1.802 | 2.153 | 2.856 | 3.796 | 6,600 | 27.269 | 25.170 | 2.099 |
|  | 18 | Undergiound Fuel Tank Replacement | O | - | 0 | 0 | - | 0 | 0 | ${ }^{0}$ | 0 | 0 | 0 | 0 | ${ }^{0} 7$ | 0 | 0 |
|  | . 19 | Crist fDEP Agreement for Ozone Attainment | 1.448.886 | 1.445.342 | 1.441 .652 | 1.437.969 | 1.434.434 | 1.430.890 | 1.680.226 | 1.457.537 | 1,453.650 | 1.449,765 | 1.445.878 | 1.441.992 | 17.568.221 | 0 | 17.568.221 |
|  | . 20 | SPCC Compliance | 10.387 | 10.364 | 10.340 | 10.318 | 10.294 | 10.271 | 11.895 | 10.444 | 10.418 | 10.393 | 10.367 | 10.341 | 125,832 | 116.155 | 9,677 |
|  | . 21 | Crist Common FITR Monitor | 648 | 646 | 644 | 643 | 642 | 640 | 748 | 650 | 649 | 648 | 645 | 644 | 7.847 | 0 | 7.847 |
|  | . 22 | Preceipiator Uperades for CAM Compliance | 330,048 | 329,383 | 328.718 | 328.053 | 327.388 | 326.723 | 423.393 | 338.375 | 337.578 | 336.781 | 335.984 | 335.187 | 4.077.611 | 0 | 4.077.611 |
|  | . 23 | Plam Groundwater Investigation | 0 | 0 | 0 | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | . 24 | Crisi Water Conservation | 41,603 | 107.245 | 116.022 | 127.670 | 160,882 | 207.628 | 231.826 | 221.189 | 222.747 | 222.244 | 221.742 | 221.239 | 2.102.037 | 1.940,341 | 161.696 |
|  | . 25 | Crist Condenser Tubes | 65.653 | 65.503 | 65.353 | 65.205 | 65.055 | 64.904 | 75,151 | 65.991 | 65.826 | 65.780 | 65,852 | 65.950 | 796.223 | 734,974 | 61,249 |
|  | . 26 | CAIR/CAMRICAVR Compliance | 7.214.358 | 7.373 .199 | 7.378.614 | 7.384.340 | 7.376.815 | 7.375.153 | 10.651.984 | 7.820.261 | 7.822.361 | 7.810.738 | 7.790.626 | 7.799.825 | 93.798.274 | 0 | 93.798.274 |
|  | . 27 | General Water Quadity | 745 | 739 | 734 | 729 | 724 | 719 | 714 | 709 | 704 | 698 | 694 | 689 | 8.598 | 7.937 | 661 |
|  | . 28 | Mercury Allowances | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 | 0 |
|  | . 29 | Annual Nox Albwances | 52.135 | 47.080 | 46.796 | 42.407 | 46.374 | 59.252 | 62.719 | 55.041 | 47.644 | 40.710 | 34,228 | 34.870 | 569.256 | $\bigcirc$ | 569.256 |
|  | . 30 | Seasonal Nox Allowances | 2.024 | 2.024 | 2.124 | 2.024 | 1.841 | 1.454 | 1.038 | 614 | 206 | 12 | 12 | 12 | 13,285 | 0 | 13.285 |
|  | . 31 | SO2 Atlowances | 104.509 | 100,564 | $\underline{98.034}$ | $\underline{96.825}$ | 96.415 | 94,481 | $\underline{92.387}$ | 90.113 | 87,931 | 85,992 | 84,137 | 82.338 | 1,113.726 | 0 | 1,113,726 |
| 2 |  | al Investment Projects - Recoverable Costs | 29930, 191 | 10,140,329 | 10,146,420 | 10,152,938 | 10, 776.507 | $\underline{10227.074}$ | 13,902,051 | 10.716 .016 | 10,707,646 | 10,685,256 | 10.658,530 | 10,669.719 | 128,112.677 | 5.269,141 | 122,843,536 |
| 3 |  | coverabk Costs Allocated to Energy | 9,608,930 | 9.759.889 | 9.759.737 | 9.755.963 | 9.749.590 | 9.757.572 | 13.420.207 | 10.236,142 | 10.226,706 | 10.204.458 | 10.177.413 | 10.186 .929 | 122.843.536 |  |  |
| 4 |  | coverabk Costs Alkcated to Demand | 321.261 | 380.440 | 386.683 | 396.975 | 426.917 | 469.502 | 481.844 | 479.874 | 480.949) | 480.798 | 481.117 | 482.790 | 5.269.141 |  |  |
| 5 |  | eail Energy Jurisdictional Factor | 0.9626715 | 0.9656988 | 0.9658880 | 0.9678130 | 0.9686342 | 0.9679641 | 0.9688581 | 0.9689422 | 0.9686115 | 0.9700729 | 0.9670798 | 0.9660360 |  |  |  |
| 6 |  | ail Demand Junsdictional Factor | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642150 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 |  |  |  |
| 7 |  | isdictional Energy Recoveratic Costs (B) | 9,256,718 | 9.431 .711 | 9.433.412 | 9.448.557 | 9.450,397 | 9.451.591 | 13.011.378 | 9,925.173 | 9.912.639 | 9.905.998 | 9.849.260 | 9.847 .829 | 118.924.663 |  |  |
| 8 | Juris | isdictional Demand Recoverable Cosss ( C ) | 309,765 | 366.826 | 372.846 | 382.770 | 411,640 | 452.701 | 464,602 | 462,702 | 463.330 | $\underline{463.593}$ | 463,901 | 465.514 | 5.080.590 |  |  |
| 9 |  | tal Jurisdictional Recoverable Costs for Investmem Projects (Lines $7+8$ ) | 2,566,483 | 9,798.537 | 9,806,258 | 2.831.327 | 2,862.032 | 2,904,292 | 13,475,980 | 10,387.875 | 10.376 .369 | 10,369,591 | 10,313.161 | 10,313,343 | 124,0052533 |  |  |

(A) Pages 1-27 of Schedule 8E, Line 9, Pages 28-31 of Schedule 8E. Line 6
(B) Line $3 \times$ Line $5 \times$ Line loss multiplier
(C) Line $4 \times$ Line 6

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Annount
January 2010 - December 2010


Notes:
(A) Description and reason for 'Oiher' adjustments to net investment for this project
(B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s)
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equity component has been grossed up for taxes. The approved ROE is $12 \%$,
(E) Applicable depreciation rate or rates.
(F) PE 12447 year amorization; PE 1006 fully amorized
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(1) Line $96 \times$ Line 11



Noles:
(A) Description and reason for 'Other' adjustments to net investment for this project
A) Applicable beginning of period and end of period depreciable base by production plant names ( s ), units(s), or plant account(s).
C) Description of Adjustmenis io Reserve for Gross Salvaze and Other Recoveries and Cost of Remova!
(D) The equity component has been grossed up for taxes. The approved ROE is $12 \%$
(E) $3.5 \%$ annually
dioncas to investment expenses for this project.
(G) Descripion and reason 1007 line loss mulliplier
(I) Line $9 b \times$ Line 11


Notes:
(A) Description and reason for 'Other' adjustments to net investment for this project
(B) Applicable beginning of period and end of period depreciable base by production plant names ( s ), unit(s), or plant account( s .
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equily component has been grossed up for taxes. The approved ROE is $12 \%$.
(E) $3.5 \%$ annually
(F) Applicable amortization period
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(I) Line $9 \mathrm{~b} \times$ Line 11

## Gulf Power Company <br> Environmental Cost Recovery Clause (ECRC) <br> Calculation of the Current Period Estimated True-Up Amount

January 2010 - December 2010
Return on Capital Invesuments, Depreciation and Taxes
For Project: CEMS - Plants Crist, Scholz, Smith, \& Daniel
P.E. $1001,1154,1164,1217,1240,1245,1247,1256,1283,1286,1289,1290,1311,1316,1323,1324,1357,1364,1440,1441,1442,1444,1454,1459,1460.1558$, 1570,1658 , 1829 \& 1830 (in Dollars)


Notes: (A) Description and reason for 'Other' adjustments to net investment for this project
(B) Beginning Balances: Crist, $\$ 2,611,952 ;$ Scholz $\$ 916,802$ Smith $\$ 1,734,877$; Danici $\$ 581,276$. Ending Balances: Crist, $\$ 3.502,629$; Scholz $\$ 916,802$; Smith $\$ 1,734,877$; Daniel $\$ 581,276$.
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
(D) The equity component has been grossed up for taxes. The approved ROE is $12 \%$
(E) Crist: $3.5 \%$ : Smish $3.3 \%$; Scholz $4.1 \%$; Daniel $2.8 \%$ annually
(F) PE 1364 \& 1658 have a 7 year amortization period
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(A) Line 9 a $\times$ Line $10 \times 1.0007$ line loss mulliplier
(l) Line $9 \mathrm{~b} \times$ Line 11





Notes:
(A) Description and reason for 'Other' adjustments to net investment for this project
(B) Applicable beginning of period and end of period depreciable base by production plant names (s). unit(s), or plant account(s).
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equity component has been grossed up for taxes. The approved ROE is $12 \%$.
(E) $3.5 \%$ annualiy
(G)
(I) Dscription and reason for "Ohher" adjustments to investment expenses for this projec
$10 \times 1.0007$ line loss multiplier
(I) Line $9 b \times$ Line 11


Notes:
(A) Description and reason for 'Other' adjustments to net investment for this project
(B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s). or plant account(s)
(C) Description of Adjustmenss to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
(D) The equity component has been grossed up for laxes. The approved ROE is $12 \%$.
(E) $3.5 \%$ annually
(F) Applicable amorization period.
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiptier
(I) Line $9 \mathrm{~b} \times$ Line 11



## Gur Power Compan

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Ansoun
January 2010 - December 2010
Return on Capital Investments, Depreciation and Taxes
For Project: Sodium Injection System
\& 1413
(in Dollars)

Notes:
A) Description and reason for 'Other' adjustrments to nel investment for this project
(B) Beginning and Ending Balances: Crist. $\$ 284,622$ and Smith $\$ 106,497$.
C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equily component has been grossed up for taxes. The approved ROE is $12 \%$.
(E) Crist $3.5 \%$ annually: Smith $3.3 \%$ annually
(F) Applicable amonization period.
(G) Description and reason for "Ohher" adjustments to investment expenses for this project.
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplicr
(I) Line $9 \mathrm{~b} \times$ Line 1 !


## Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amoun
January 2010 - December 2010
Return on Capital Investments. Depreciation and Taxes
For Project: Smith Waste Water Triatment Facility P.E. 1466 \& 1643
(in Dollars)

A) Description and reason for 'Ohher' adjustments to net investment for this project
(B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equity component has been grossed up for laxis. The approved ROE is $12 \%$.
(E) $3.3 \%$ annually
F) Applicable amortization peniod.
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(I) Line 9 bx Line 1 I



Retum on Capital Investments. Depreciation and Taxes
For Project: Underground Fuel Tank Replacement
P.E. 4397
(in Dollars)
$\frac{\text { Line }}{1}$ Investments Description

| Beginning of Period Amount | Actual <br> January | Actual <br> February | Actual <br> March | Actual April | Actual <br> May | Actual June | Estimated July | Estimated Auqust | Estimated September | Estimated <br> October | Estimated November | Estimaled December | End of <br> Period Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

7 Return on Average Net Investrment
Equity Component (Line $6 \times$ Equity Component $\times 1 / 12$ )(D)
Debt Component (Line $6 \times$ Debt Component $\times 1 / 12$ )
8 Investment Expenses
a Depreciation (E)
b Amorization (F)
c Dismantemen
d Property Taxes
Other (G)
9 Total System Recoverable Expenses (Limes $7+8$
a Recoverable Costs Allocated to Energy
b Recoverable Costs Allocated to Demand
10 Energy Jurisdictional Factor
11 Demand Jurisdictional Factor

12 Relail Energy-Related Recoverablc Costs (H)
13 Retail Demand-Retated Recoverable Costs (I)
14 Total Jurisdictional Recoverable Costs (Lines $12+13$ )

| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

[^0]

Notes:
A) Description and reason for 'Other' adjustments to net investment for his project
(B) Applicable beginning of period and end of period depreciable base by production plant narnes (s), unit(s), or plant account(s).
C) Description of Adjustments io Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equity component has been grossed up for laxes. The approved ROE is $12 \%$.
(E) Applicable depreciation ratc or rates.
(F) PE 4397 fully amorized.
(G) Description and reason for "Other" adjustments to investment expenses for this projeci.
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss mutiplier
(I) Line $9 \mathrm{~b} \times$ Line 11





## otes:

A) Descripion and reason for 'Other' adjustments to ncl investment for this project

(B) Beginning Balances: Crist $\$ 13,997,696$ : Smith $\$ 15.715 .201 ;$ Scholz $\$ 126.781$. Ending Balances: Crist
(D) The equity component has been grossed up for taxes. The approved ROE is $12 \%$.
(E) Crist $3.5 \%$ : Smith $3.3 \%$ : Scholz $4.1 \%$ annually
(F) Applicable amorization period
G) Description and reason for "Other" adjustments to investment expenses for this project
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(l) Line $9 \mathrm{~b} \times$ Line 11




## Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2010 - December 2010
Return on Capital Investments, Depreciation and Taxes
P.E.s. 1034. 1035. 1036. 1037. 1222, 1279, 1362. 1468. 1469, 1512. 1513. 1646. 1647. 1684, 1810. 1824, \& 1826 (in Dollars)

| $\underline{\text { Line }}$ | DescribtionBeginning of <br> Period Amount | Actual January | Actual February | Actual March | Actual April | Actual May | Actual June | Estimated July | Estimated Aurust | Estimated September | Estimated Oclober | Estimated November | Estimated December | End of Period Amoun: |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Investments |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | a Expendiures/Additions | 22.501 .033 | 1.676,950 | 2,011.932 | 1.494.462 | (213.038) | 1.739 .586 | 1,256.931 | 2.214 .447 | 1.114.95s | 1.015 | 1,015 | 6.214,988 |  |
|  | b Clearings to Plant | 22,448,670 | 1.270.773 | 1,724,975 | 702.342 | 2.571,991 | 1.730.141 | 1.256.931 | 2.214.447 | 1.114.955 | 1.015 | 1,015 | 6.214.988 |  |
|  | c Retirements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | d Cost of Removal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | e Salvage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 2 | Plant-in-Servic/Depreciation Base (B) 589.541.253 | 611.989,923 | 613,260,696 | 614.985,671 | 615.688,013 | 618.260,004 | 619.990.145 | 621,247.076 | 623.461.523 | 624,576,478 | 624,577,493 | 624.578.508 | 630.793.496 |  |
| 3 | Less: Accumulated Depreciation (C) (4,073,338) | ( $5,641.501$ ) | (7,269.533) | (8.900.954) | (10.536.975) | (12.174.869) | (13,819,383) | (18.757.645) | (20,881,119) | (23,011,052) | $(25,144,207)$ | (27,277,365) | (29.410.525) |  |
| 4 | CWIP - Non interest Bearing $\quad 1.510 .794$ | 1,563.157 | 1,969,334 | 2,256,291 | 3,048.411 | 263.382 | 272.827 | 272.827 | 272.827 | 272.827 | 272.827 | 272,827 | 27.827 |  |
| 5 | Net Investment (Lines $2+3+4$ ) | 607,911.579 | 607,960,497 | 608,341.008 | 608.199.449 | 606.348,517 | 606.443.589 | 602.762.258 | 602.8.53,231 | 601, 8 3, 8 ,253 | 599,706.113 | 597,573,970 | 601,655.798 |  |
| 6 | Average Net Investment | 597,445,144 | 607.936.038 | 608,150.753 | 608.270.229 | 607.273.983 | 606.396,053 | 604,602.924 | 602,807.745 | 602.345.742 | 600,772.183 | 598,640,042 | 599,614,884 |  |
| 7 | Return on Average Net Investment |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | a Equity Component (Line $6 \times$ Equity Component $\times$ 1/12) (D) | 4.389.429 | 4.466.506 | 4.468,084 | 4,468.961 | 4,461,642 | 4,455,192 | 4.442.018 | 4.428,829 | 4.425.434 | 4,413,873 | 4.398.208 | 4.405.371 | 53.223 .547 |
|  | b Debt Component (Line $6 \times$ Debt Component x 1/12) | 1.246.868 | 1.268 .763 | 1.269,211 | 1.269.460 | 1.267.381 | 1.265,549 | 1,261,806 | 1,258,060 | 1.257,096 | 1,253,812 | 1,249,362 | 1,251.396 | 15,118.764 |
| 8 | Investment Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | a Depreciation (E) | 1.559.732 | 1,619,601 | 1.622,990 | 1.627 .590 | 1.629.463 | 1,636,083 | 2,725.550 | 1,800,146 | 1.806,605 | 1.809.827 | 1.809.830 | 1,809,832 | 21,457.249 |
|  | b Amortization (F) | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 8.431 | 101.172 |
|  | c Dismantlement |  | 0 | 0 | 0 | 0 |  | 2.204.28 1 | 314.897 | 314.897 | 314.897 | 314,897 | 314.897 | 3,778.766 |
|  | d Property Taxes | 9,898 | 9.898 | 9,898 | 9.898 | 9.898 | 9.898 | 9.898 | 9,898 | 9,898 | 9.898 | 9.898 | 9.898 | 118.776 |
|  | e Other (G) | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 |
| 9 | Total System Recoverable Expenses (Lines 7 + 8) | 7.214,358 | 7.373,199 | 7,378.614 | 7.384,340 | 7,376,815 | 7.375.153 | 10,651.984 | 7.820,261 | 7,822.361 | 7.810,738 | 7.790,626 | 7.799.825 | 93.798.274 |
|  | a Recoverable Costs Allocated to Energy | 7,214,358 | 7,373,199 | 7,378,614 | 7,384.340 | 7.376.815 | 7.375.153 | 10,651.984 | 7,820.261 | 7.822.361 | 7.810.738 | 7.790,626 | 7,799,825 | 93,798.274 |
|  | b Recoverable Costs Allocated to Demand | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 |
| 10 | Energy Jurisdictional Factor | 0.9626715 | 0.9656988 | 0.9658880 | 0.9678130 | 0.9686342 | 0.9679641 | 0.968858 ! | 0.9689422 | 0.9686115 | 0.9700729 | 0.9670798 | 0.9660360 |  |
| 11 | Demand Jurisdictional Factor | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 | 0.9642160 |  |
| 12 | Retail Fnergy-Related Recoverable Costs (H) | 6.949 .918 | 7.125.274 | 7.131.904 | 7,151,663 | 7.150,437 | 7,143.881 | 10.327.485 | 7,582,685 | 7,582.133 | 7.582,289 | 7.539.431 | 7.540.186 | 90,807,286 |
| 13 | Retail Demand-Related Recoverable Costs (t) |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 |
| 14 | Total Jurisdictional Recoverable Costs (Lines $12+13$ ) | 6,949,918 | 7.125.274 | 7.131,904 | 7,151,663 | 7,150,437 | 7.143,881 | 10.327.485 | 7.582.685 | 7.582 .133 | 7.582.289 | 7.539,43! | 7.540 .186 | $90.807,286$ |

## Noics:

(A) Description and reason for 'Other' adjustments to net Investment for this project, if applicabte
(B) Beginning Balances: Crist $\$ 572,297,304$; Smith $\$ 12,930,098$; Daniel $\$ 3,669,630$. Scholz $\$ 644,22$. Ending Balances: Crist $\$ 610.294 .125$ : Smith $\$ 12.931,385$; Daniel $\$ 6.923,765$, Scholz $\$ 644,221$
(C) Description of Adjusiments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
(D) The equity component has been grossed up for taxes. The approved ROE is $12 \%$.
(E) Crist: $3.5 \%$, Plant Smith Steam $3.3 \%$, Smith CT 3.6\%, Daniel 2.8\%, Scholz $4.1 \%$. Portion of PE 1222 is transmission $2.3 \%, 3.6 \%$, and $2.5 \%$
(F) Portion of PE 1222 applicable 7 year amortization period beginning in 2008.
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(H) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(l) Line $9 \mathrm{~b} \times$ Line il
(J) Project \#1222 qualifies for AFUDC treatment. As porions of the project are moved to P-J-S, they are inctuded in the ECRC


Notes:
(A) Description and reason for 'Other' adjustruents to net Investment for this project, if applicable
(B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
(D) The equity component has been grossed up for taxes. The approved ROE is $12 \%$.
(E) Applicable depreciation rate or rates.
(F) 5 year amorization beginning 2008.
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(H) Linc $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(I) Line $9 \mathrm{~b} \times$ Line 11

| Lipe Description | Beginning of PcriodAmount | Actual <br> January | Actual February | Actual <br> March | Actual <br> Anril | Actual May | Actual June | Estimated July | Estimated Augus! | Estimated September | Estimated October | Estimated <br> November | Estimated December | End of Period Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investments |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| a Purchases/Transfers |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| b Sales/Transfers |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| c Auction Proceeds/Other |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 2 Working Capital |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| a FERC 158.1 Allowance Inventory | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| b FERC 158.2 Allowances Withheld | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| c FERC 182.3 Other Regl. Assets - Losses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| d FERC 254 Regulatory Liabiitites - Gains | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 3 Total Working Capital Balance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 4 Average Net Working Capital Balance |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

5 Return on Avcrage Net Working Capital Balance
a Equity Component (Line $4 \times$ Equity Component x 1/12) (A) b Debt Component (Line $4 \times$ Debi Component x 1/12)
6 Total Return Component (D)

7 Expenses
a Lains
SO2 Allowance Expense
8 Net Expenscs (E)

9 Total System Recoverable Expenses (Lines $6+8$ )
a Recoverable Cosis Allocated to Energy
Recoverable Costs Allocated to Dernand
10 Energy Jurisdictional Factor
12 Retail Energy-Related Recoverable Costs (B)
13 Retail Demand-Related Recoverable Costs (C)
14 Total Jurisdictional Recoverable Costs (Lines $12+13$ )

(A).
(A) Equity Component has been grossed up for taxes. Based on ROE of $12 \%$ and weighted income tax rate of $38.575 \%$
(B) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(C) Line $9 \mathrm{~b} \times$ Line 11
(D) Line 6 is reported on Schedule 6 E and 7
(E) Linc 8 is reported on Schedale 4E and 5E


(
(A) Equity Component has been grossed up for taxes. Based on ROE of $12 \%$ and weighted income tax rate of $38.575 \%$
(B) Line $9 \mathrm{a} \times$ Line $10 \times 1.0007$ line loss multiplier
(C) Line $9 \mathrm{~b} \times$ Line 11
(D) Line 6 is reporred on Schedule 6 E and 7 E
(E) Linc 8 is reported on Schedule 4 E and 5 E


Iotes:
(A) Equity Component has been grossed up for taxes. Based on ROE of $12 \%$ and weighted income tax rate of $38.575 \%$
(B) Line 9 a $\times$ Line $10 \times 1.0007$ line loss mulliphier
(C) Line $9 \mathrm{~b} \times$ Line 1 I
(D) Line 6 is reported on Schedule 6 E and 7 E
(E) Line 8 is reported on Schedule 4 E and SE

## Gulf Power Company

Environmental Cost Recovery Clause (ECRC) Calculation of the Estimated/Actual True-Up Amount

## January 2010 - December 2010

## FPSC Capital Structure and Cost Rates

| Line | Capital Component | (1) | (2) | (3) | (4) | (5) | (6) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Jurisdictional |  |  |  | Revenue | Monthly Revenue |
|  |  | Rate Base |  | Cost | Weighted | Requirement | Requirement |
|  |  | Test Year | Ratio | Rate | CostRate | Rate | Rate |
|  |  | (\$000's) | \% | \% | \% | \% | \% |
| 1 | Bonds | 423,185 | 35.2733 | 6.44 | 2.2716 | 2.2716 |  |
| 2 | Shor-Term Debt | 33,714 | 2.8101 | 4.61 | 0.1295 | 0.1295 |  |
| 3 | Preferred Stock | 98,680 | 8.2252 | 4.93 | 0.4055 | 0.6602 |  |
| 4 | Common Stock | 492,186 | 41.0247 | 12.00 | 4.9230 | 8.0147 |  |
| 5 | Customer Deposits | 13,249 | 1.1043 | 5.98 | 0.0660 | 0.0660 |  |
| 6 | Deferred Taxes | 122,133 | 10.1801 |  |  |  |  |
| 7 | Investment Tax Credit | 16,584 | 1.3823 | 8.99 | $\underline{0.1243}$ | $\underline{0.1790}$ |  |
| 8 | Total | 1,199,731 | $\underline{100.0000}$ |  | 7.9199 | 11.3210 | $\underline{0.9434}$ |
|  | $\underline{\text { ITC Component: }}$ |  |  |  |  |  |  |
| 9 | Debt | 423,185 | 41.7321 | 6.44 | 2.6875 | 0.0371 |  |
| 10 | Equity-Preferred | 98,680 | 9.7313 | 4.93 | 0.4798 | 0.0108 |  |
| 11 | -Common | 492,186 | 48.5366 | 12.00 | 5.8244 | 0.1311 |  |
| 12 |  | 1,014,051 | $\underline{100.0000}$ |  | 8.9917 | $\underline{0.1790}$ |  |
| Breakdown of Revenue Requirement Rate of Return between Debt and Equity: |  |  |  |  |  |  |  |
| 13 | Total Debt Component (Lines 1, 2, 5, and 9) |  |  |  |  | 2.5042 | 0.2087 |
| 14 | Total Equity Component (Lines 3, 4, 10, and 11) |  |  |  |  | 8.8168 | 0.7347 |
| 15 | Total Revenue Requirement Rate of Return |  |  |  |  | $\underline{11.3210}$ | 0.9434 |

## Column:

(1) Capital Structure Approved by FPSC on June 10, 2002 in Docket No. 010949-EI
(2) Column (1) / Total Column (1)
(3) Cost Rates Approved by FPSC on June 10, 2002 in Docket No. 010949-EI
(4) Column (2) x Column (3)
(5) For equity components: Column (4)/(1-.38575); $38.575 \%=$ effective income tax rate For debt components: Column (4)
(6) Column (5)/ 12

## AFFIDAVIT

STATE OF FLORIDA )
Docket No. 100007-El COUNTY OF ESCAMBIA )

Before me the undersigned authority, personally appeared Richard W. Dodd, who being first duly sworn, deposes, and says that he is the Supervisor of Rates and Regulatory Matters at Gulf Power Company, a Florida corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.


Richard W. Dodd
Supervisor of Rates and Regulatory Matters
Sworn to and subscribed before me this $30^{\text {th }}$ day of July, 2010

## Vukei L. Marchman

Notary Public, State of Florida at Large

Commission Number: DD 866249
Commission Expires: June 26,2013


[^0]:    | .9642160 | 0.9642160 | 0.9654880 | 0.968130 | 0.9686342 | 0.9679641 | 0.9888581 | 0.9689422 | 0.9686115 | 0.9700729 | 0.9670798 |
    | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

