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ORIGINAL



March 19, 2007

Ms. Blanca S. Bayo, Director  
Division of the Commission Clerk and Administrative Services  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee FL 32399-0870

RECEIVED - FPSC  
REGISTRATION CENTER  
MAR 22 AM 7:27  
07 MAR 22 AM 9:36  
COMMISSION  
CLERK

Dear Ms. Bayo:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN  
SUPPORT OF THE MONTHLY FUEL AND PURCHASED POWER COST  
RECOVERY CHARGE IN DOCKET NO. 070001-EI

Enclosed are an original and ten copies of Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules through February 2007, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

*Susan D. Ritenour*  
*bmb*

bh

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER-DATE

02514 MAR 22 06

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2007 - December 2007

| CRIST 4             | Jan '07  | Feb '07  | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|---------------------|--|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1. EAF (%)          | 100.0  | 100.0    |         |         |         |         |         |         |         |         |         |         |       |
| 2. PH               | 744.0  | 672.0    |         |         |         |         |         |         |         |         |         |         |       |
| 3. SH               | 715.5  | 672.0    |         |         |         |         |         |         |         |         |         |         |       |
| 4. RSH              | 28.5   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 5. UH               | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 6. POH              | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 7. FOH              | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 8. MOH              | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 9. PFOH             | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 10. LR pf (MW)      | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 11. PMOH            | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 12. LR pm (MW)      | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 13. NSC (MW)        | 78.0   | 78.0     |         |         |         |         |         |         |         |         |         |         |       |
| 14. Oper MBtu       | 486163.0   | 469383.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. Net Gen (MWH)   | 45128.0  | 44005.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. ANOHR (Btu/KWH) | 10773.0  | 10667.0  |         |         |         |         |         |         |         |         |         |         |       |
| 17. NOF %           | 80.9   | 84.0     |         |         |         |         |         |         |         |         |         |         |       |
| 18. NPC (MW)        | 78.0   | 78.0     |         |         |         |         |         |         |         |         |         |         |       |
| 19. ANOHR Equation  | $10^6 / AKW * [ 32.38 - 15.16 * JAN - 14.84 * FEB + 13.60 * JUN + 10.74 * NOV ]$<br>+ 10,131 |          |         |         |         |         |         |         |         |         |         |         |       |

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2007 - December 2007

| CRIST 5             | Jan '07  | Feb '07  | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|---------------------|--|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1. EAF (%)          | 100.0  | 87.1     |         |         |         |         |         |         |         |         |         |         |       |
| 2. PH               | 744.0  | 672.0    |         |         |         |         |         |         |         |         |         |         |       |
| 3. SH               | 720.8  | 585.0    |         |         |         |         |         |         |         |         |         |         |       |
| 4. RSH              | 23.2   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 5. UH               | 0.0  | 87.0     |         |         |         |         |         |         |         |         |         |         |       |
| 6. POH              | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 7. FOH              | 0.0  | 5.2      |         |         |         |         |         |         |         |         |         |         |       |
| 8. MOH              | 0.0  | 81.8     |         |         |         |         |         |         |         |         |         |         |       |
| 9. PFOH             | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 10. LR pf (MW)      | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 11. PMOH            | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 12. LR pm (MW)      | 0.0  | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 13. NSC (MW)        | 80.0   | 80.0     |         |         |         |         |         |         |         |         |         |         |       |
| 14. Oper MBtu       | 475692.0   | 401514.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. Net Gen (MWH)   | 44920.0  | 37352.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. ANOHR (Btu/KWH) | 10590.0  | 10749.0  |         |         |         |         |         |         |         |         |         |         |       |
| 17. NOF %           | 77.9   | 79.8     |         |         |         |         |         |         |         |         |         |         |       |
| 18. NPC (MW)        | 80.0   | 80.0     |         |         |         |         |         |         |         |         |         |         |       |
| 19. ANOHR Equation  | $10^6 / AKW * [ 66.40 - 11.85 * JAN ]$ $+ 9,596$ |          |         |         |         |         |         |         |         |         |         |         |       |

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2007 - December 2007**

|     | CRIST 6         | Jan '07   | Feb '07   | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|-----|-----------------|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1.  | EAF (%)         | 99.4  | 94.2      |         |         |         |         |         |         |         |         |         |         |       |
| 2.  | PH              | 744.0   | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 3.  | SH              | 739.7   | 633.3     |         |         |         |         |         |         |         |         |         |         |       |
| 4.  | RSH             | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 5.  | UH              | 4.3   | 38.7      |         |         |         |         |         |         |         |         |         |         |       |
| 6.  | POH             | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 7.  | FOH             | 4.3   | 38.7      |         |         |         |         |         |         |         |         |         |         |       |
| 8.  | MOH             | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 9.  | PFOH            | 0.7   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 10. | LR pf (MW)      | 127.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 11. | PMOH            | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 12. | LR pm (MW)      | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 13. | NSC (MW)        | 302.0   | 302.0     |         |         |         |         |         |         |         |         |         |         |       |
| 14. | Oper MBtu       | 1762302.0   | 1646216.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. | Net Gen (MWH)   | 166720.0  | 154904.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. | ANOHR (Btu/KWH) | 10570.0   | 10627.0   |         |         |         |         |         |         |         |         |         |         |       |
| 17. | NOF %           | 74.6  | 81.0      |         |         |         |         |         |         |         |         |         |         |       |
| 18. | NPC (MW)        | 302.0   | 302.0     |         |         |         |         |         |         |         |         |         |         |       |
| 19. | ANOHR Equation  | $10^6 / AKW * [ 87.10 + 105.75 * JAN - 109.59 * FEB - 192.13 * MAR - 148.46 * APR ]$ $+ 10,071$ |           |         |         |         |         |         |         |         |         |         |         |       |

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2007 - December 2007**

| CRIST 7             | Jan '07  | Feb '07   | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|---------------------|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1. EAF (%)          | 98.7   | 84.3      |         |         |         |         |         |         |         |         |         |         |       |
| 2. PH               | 744.0  | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 3. SH               | 744.0  | 566.4     |         |         |         |         |         |         |         |         |         |         |       |
| 4. RSH              | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 5. UH               | 0.0  | 105.6     |         |         |         |         |         |         |         |         |         |         |       |
| 6. POH              | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 7. FOH              | 0.0  | 105.6     |         |         |         |         |         |         |         |         |         |         |       |
| 8. MOH              | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 9. PFOH             | 56.6   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 10. LR pf (MW)      | 54.5   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 11. PMOH            | 15.1   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 12. LR pm (MW)      | 92.7   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 13. NSC (MW)        | 477.0  | 477.0     |         |         |         |         |         |         |         |         |         |         |       |
| 14. Oper MBtu       | 3247195.0  | 2512469.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. Net Gen (MWH)   | 311063.0   | 237365.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. ANOHR (Btu/KWH) | 10439.0  | 10585.0   |         |         |         |         |         |         |         |         |         |         |       |
| 17. NOF %           | 87.7   | 87.9      |         |         |         |         |         |         |         |         |         |         |       |
| 18. NPC (MW)        | 477.0  | 477.0     |         |         |         |         |         |         |         |         |         |         |       |
| 19. ANOHR Equation  | $10^6 / AKW * [ 568.24 + 132.87 * MAR + 84.49 * APR ]$ $+ 8,992$ |           |         |         |         |         |         |         |         |         |         |         |       |

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2007 - December 2007

|     | SMITH 1         | Jan '07   | Feb '07  | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|-----|-----------------|---|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1.  | EAF (%)         | 100.0   | 99.9     |         |         |         |         |         |         |         |         |         |         |       |
| 2.  | PH              | 744.0   | 672.0    |         |         |         |         |         |         |         |         |         |         |       |
| 3.  | SH              | 744.0   | 672.0    |         |         |         |         |         |         |         |         |         |         |       |
| 4.  | RSH             | 0.0   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 5.  | UH              | 0.0   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 6.  | POH             | 0.0   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 7.  | FOH             | 0.0   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 8.  | MOH             | 0.0   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 9.  | PFOH            | 4.7   | 1.2      |         |         |         |         |         |         |         |         |         |         |       |
| 10. | LR pf (MW)      | 9.0   | 97.0     |         |         |         |         |         |         |         |         |         |         |       |
| 11. | PMOH            | 0.0   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 12. | LR pm (MW)      | 0.0   | 0.0      |         |         |         |         |         |         |         |         |         |         |       |
| 13. | NSC (MW)        | 162.0   | 162.0    |         |         |         |         |         |         |         |         |         |         |       |
| 14. | Oper MBtu       | 1028584.0   | 948618.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. | Net Gen (MWH)   | 99259.0   | 91941.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. | ANOHR (Btu/KWH) | 10363.0   | 10318.0  |         |         |         |         |         |         |         |         |         |         |       |
| 17. | NOF %           | 82.4  | 84.5     |         |         |         |         |         |         |         |         |         |         |       |
| 18. | NPC (MW)        | 162.0   | 162.0    |         |         |         |         |         |         |         |         |         |         |       |
| 19. | ANOHR Equation  | $10^6 / AKW * [ 20.54 + 13.19 * FEB + 19.94 * JUN + 16.67 * JUL + 11.07 * AUG + 20.27 * SEP ]$ $+ 10,080$ |          |         |         |         |         |         |         |         |         |         |         |       |

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2007 - December 2007**

|     | SMITH 2         | Jan '07  | Feb '07   | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|-----|-----------------|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1.  | EAF (%)         | 94.9   | 100.0     |         |         |         |         |         |         |         |         |         |         |       |
| 2.  | PH              | 744.0  | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 3.  | SH              | 705.8  | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 4.  | RSH             | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 5.  | UH              | 38.2   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 6.  | POH             | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 7.  | FOH             | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 8.  | MOH             | 38.2   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 9.  | PFOH            | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 10. | LR pf (MW)      | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 11. | PMOH            | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 12. | LR pm (MW)      | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 13. | NSC (MW)        | 195.0  | 195.0     |         |         |         |         |         |         |         |         |         |         |       |
| 14. | Oper MBtu       | 1159360.0  | 1130800.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. | Net Gen (MWH)   | 111911.0   | 109668.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. | ANOHR (Btu/KWH) | 10360.0  | 10311.0   |         |         |         |         |         |         |         |         |         |         |       |
| 17. | NOF %           | 81.3   | 83.7      |         |         |         |         |         |         |         |         |         |         |       |
| 18. | NPC (MW)        | 195.0  | 195.0     |         |         |         |         |         |         |         |         |         |         |       |
| 19. | ANOHR Equation  | $10^6 / AKW * [ 273.24 - 36.28 * MAR + 49.10 * APR - 13.76 * JUL ]$ $+ 6,470 + 0.01265 * LSRF / AKW$ |           |         |         |         |         |         |         |         |         |         |         |       |

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2007 - December 2007**

|     | DANIEL 1        | Jan '07   | Feb '07   | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|-----|-----------------|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1.  | EAF (%)         | 99.5  | 100.0     |         |         |         |         |         |         |         |         |         |         |       |
| 2.  | PH              | 744.0   | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 3.  | SH              | 744.0   | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 4.  | RSH             | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 5.  | UH              | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 6.  | POH             | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 7.  | FOH             | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 8.  | MOH             | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 9.  | PFOH            | 8.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 10. | LR pf (MW)      | 231.8   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 11. | PMOH            | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 12. | LR pm (MW)      | 0.0   | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 13. | NSC (MW)        | 514.0   | 514.0     |         |         |         |         |         |         |         |         |         |         |       |
| 14. | Oper MBtu       | 3601824.0   | 3235916.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. | Net Gen (MWH)   | 350736.0  | 319854.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. | ANOHR (Btu/KWH) | 10269.0   | 10117.0   |         |         |         |         |         |         |         |         |         |         |       |
| 17. | NOF %           | 91.7  | 92.6      |         |         |         |         |         |         |         |         |         |         |       |
| 18. | NPC (MW)        | 514.0   | 514.0     |         |         |         |         |         |         |         |         |         |         |       |
| 19. | ANOHR Equation  | $10^6 / AKW * [ 2547.49 + 95.70 * APR - 90.73 * SEP - 114.94 * OCT ]$ $- -538 + 10^6 / AKW * [ -0.0550 * BTU/LB ] + 0.01343 * LSRF / AKW$ |           |         |         |         |         |         |         |         |         |         |         |       |



**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2007 - December 2007**

|     | DANIEL 2        | Jan '07  | Feb '07   | Mar '07 | Apr '07 | May '07 | Jun '07 | Jul '07 | Aug '07 | Sep '07 | Oct '07 | Nov '07 | Dec '07 | Total |
|-----|-----------------|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1.  | EAF (%)         | 99.9   | 100.0     |         |         |         |         |         |         |         |         |         |         |       |
| 2.  | PH              | 744.0  | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 3.  | SH              | 744.0  | 672.0     |         |         |         |         |         |         |         |         |         |         |       |
| 4.  | RSH             | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 5.  | UH              | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 6.  | POH             | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 7.  | FOH             | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 8.  | MOH             | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 9.  | PFOH            | 3.9  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 10. | LR pf (MW)      | 109.4  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 11. | PMOH            | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 12. | LR pm (MW)      | 0.0  | 0.0       |         |         |         |         |         |         |         |         |         |         |       |
| 13. | NSC (MW)        | 500.0  | 500.0     |         |         |         |         |         |         |         |         |         |         |       |
| 14. | Oper MBtu       | 3018044.0  | 2583163.0 |         |         |         |         |         |         |         |         |         |         |       |
| 15. | Net Gen (MWH)   | 295599.0   | 252786.0  |         |         |         |         |         |         |         |         |         |         |       |
| 16. | ANOHR (Btu/KWH) | 10210.0  | 10219.0   |         |         |         |         |         |         |         |         |         |         |       |
| 17. | NOF %           | 79.5   | 75.2      |         |         |         |         |         |         |         |         |         |         |       |
| 18. | NPC (MW)        | 500.0  | 500.0     |         |         |         |         |         |         |         |         |         |         |       |
| 19. | ANOHR Equation  | $10^6 / AKW * [ 1237.97 + 120.49 * JUL - 109.59 * SEP ]$ $+ 9,584 + 10^6 / AKW * [ -0.0983 * BTU/LB ]$ |           |         |         |         |         |         |         |         |         |         |         |       |

















