Florida Power
CORPORATION

# BEFORE THE
# FLORIDA PUBLIC SERVICE COMMISSION

## DOCKET NO. 960001-EI

## GPIF TARGETS AND RANGES
## OCTOBER 1996 THROUGH MARCH 1997

## DIRECT TESTIMONY
## AND EXHIBITS OF

## LARRY G. TURNER

For Filing June 24, 1996

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO 19
COMPANY/WITNESS: FPC/Turner
DATE: 8/29/96

# EXHIBITS TO THE TESTIMONY OF LARRY G. TURNER

## GPIF TARGETS AND RANGES FOR OCTOBER 1996 THROUGH MARCH 1997

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## STANDARD FORM GPIF SCHEDULES

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GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ESTIMATED

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| Generating Performance Incentive Points (GPIF) | Fuel Saving/Loss ($) | Generating Performance Incentive Factor ($) |
|---|---|---|
| 10 | $5,997,600 | $3,531,839 |
| 9 | $5,397,840 | $3,178,655 |
| 8 | $4,798,080 | $2,825,471 |
| 7 | $4,198,320 | $2,472,287 |
| 6 | $3,598,560 | $2,119,103 |
| 5 | $2,998,800 | $1,765,919 |
| 4 | $2,399,040 | $1,412,736 |
| 3 | $1,799,280 | $1,059,552 |
| 2 | $1,199,520 | $706,368 |
| 1 | $599,760 | $353,184 |
| 0 | $0 | $0 |
| -1 | ($652,250) | ($353,184) |
| -2 | ($1,304,500) | ($706,368) |
| -3 | ($1,956,750) | ($1,059,552) |
| -4 | ($2,609,000) | ($1,412,736) |
| -5 | ($3,261,250) | ($1,765,919) |
| -6 | ($3,913,500) | ($2,119,103) |
| -7 | ($4,565,750) | ($2,472,287) |
| -8 | ($5,218,000) | ($2,825,471) |
| -9 | ($5,870,250) | ($3,178,655) |
| -10 | ($6,522,500) | ($3,531,839) |

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| | | |
|---|---|---|
| 1 | Beginning of period balance of common equity | $1,816,944,001 |
| 2 | END OF MONTH BALANCE OF COMMON EQUITY:<br>Month of OCTOBER 1996 | $1,832,436,000 |
| 3 | Month of NOVEMBER 1996 | $1,844,873,000 |
| 4 | Month of DECEMBER 1996 | $1,816,871,000 |
| 5 | Month of JANUARY 1997 | $1,835,967,000 |
| 6 | Month of FEBRUARY 1997 | $1,849,664,000 |
| 7 | Month of MARCH 1997 | $1,814,530,000 |
| 8 | Average common equity for the period<br>(Summation of LINE 1 through LINE 7 divided by 7) | $1,830,183,570 |
| 9 | 25 Basis Points | 0.0025 |
| 10 | Revenue Expansion Factor | 61.3738% |
| 11 | Maximum allowed incentive dollars<br>(LINE 8 times LINE 9 divided by LINE 10 times 0.5) | $3,727,534 |
| 12 | Jurisdictional Sales * | 14,280,219 MWH |
| 13 | Total Sales * | 15,071,594 MWH |
| 14 | Jurisdictional Separation Factor<br>(LINE 12 divided by LINE 13) | 94.75% |
| 15 | Maximum allowed jurisdictional incentive dollars<br>(LINE 11 times LINE 14) | $3,531,839 |

* Net sales (Sales - Interruptible)

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GPIF TARGET AND RANGE SUMMARY

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| Plant/Unit | Weighting Factor (%) | EAF Target (%) | EAF RANGE Max. (%) | EAF RANGE Min. (%) | Max. Fuel Savings ($000) | Max. Fuel Loss ($000) |
|---|---|---|---|---|---|---|
| ANC. 1 | 0.68 | 93.37 | 95.20 | 89.66 | 40.7 | 143.8 |
| ANC. 2 | 1.31 | 63.05 | 64.25 | 60.59 | 78.5 | 152.0 |
| C.R. 1 | 2.15 | 69.64 | 72.84 | 63.24 | 129.2 | 323.8 |
| C.R. 2 | 11.06 | 65.25 | 71.12 | 52.64 | 663.3 | 156.2 |
| C.R. 3 | 2.91 | 96.17 | 97.98 | 92.42 | 174.7 | 387.5 |
| C.R. 4 | 5.28 | 95.40 | 97.57 | 90.95 | 316.6 | 535.2 |
| C.R. 5 | 2.19 | 81.69 | 83.37 | 78.25 | 131.5 | 360.9 |
| GPIF System | 25.59 | | | | 1534.5 | 2059.4 |

| Plant/Unit | Weighting Factor (%) | ANOHR Target (BTU/KWH) | NOF | ANOHR RANGE Min. (%) | ANOHR RANGE Max. (%) | Max. Fuel Savings ($000) | Max. Fuel Loss ($000) |
|---|---|---|---|---|---|---|---|
| ANC. 1 | 14.51 | 10103 | 34.5 | 9671 | 10536 | 870.5 | 870.5 |
| ANC. 2 | 13.67 | 10098 | 27.4 | 9672 | 10524 | 819.6 | 819.6 |
| C.R. 1 | 8.17 | 10009 | 68.4 | 9763 | 10256 | 490.1 | 490.1 |
| C.R. 2 | 8.02 | 9420 | 99.0 | 9224 | 9616 | 481.2 | 481.2 |
| C.R. 3 | 1.36 | 10371 | 101.5 | 10221 | 10521 | 81.7 | 81.7 |
| C.R. 4 | 15.50 | 9351 | 80.4 | 9172 | 9530 | 929.9 | 929.9 |
| C.R. 5 | 13.17 | 9148 | 95.6 | 8998 | 9298 | 790.1 | 790.1 |
| GPIF System | 74.41 | | | | | 4463.1 | 4463.1 |

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COMPARISON OF GPIF TARGETS VS. PRIOR PERIODS' ACTUAL PERFORMANCE AVAILABILITY

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| Plant/Unit | Target Wt. Factor | Norm. Wt. Factor | Target Oct-96 - Mar. 1997 POF | Target EUOF | Target EUOR | Actual Performance 1st Prior Period Oct.-Mar./1994-95 POF | EUOF | EUOR | Actual Performance 2nd Prior Period Apr.-Sep./1994 POF | EUOF | EUOR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ANC. 1 | 0.68 | 2.65 | 2.73 | 3.90 | 6.10 | 23.36 | 2.42 | 4.62 | 0.56 | 7.36 | 5.17 |
| ANC. 2 | 1.31 | 5.12 | 34.42 | 2.53 | 5.50 | 20.20 | 4.68 | 9.24 | 0.00 | 10.89 | 11.89 |
| C.R. 1 | 2.15 | 8.42 | 23.49 | 6.87 | 8.97 | 0.00 | 9.24 | 9.24 | 31.55 | 7.49 | 10.95 |
| C.R. 2 | 11.06 | 43.23 | 21.85 | 12.89 | 16.50 | 0.00 | 9.24 | 9.24 | 0.00 | 7.99 | 8.23 |
| C.R. 3 | 2.91 | 11.38 | 0.00 | 3.83 | 3.83 | 24.12 | 11.57 | 15.24 | 0.00 | 1.03 | 1.03 |
| C.R. 4 | 5.28 | 20.63 | 0.00 | 4.60 | 4.60 | 0.00 | 2.91 | 2.91 | 0.00 | 4.13 | 4.13 |
| C.R. 5 | 2.19 | 8.57 | 14.75 | 3.56 | 4.17 | 0.00 | 3.20 | 3.20 | 2.82 | 5.30 | 5.45 |
| GPIF System Wghtd. Avg. | 25.59 | 100.00 | 14.52 | 8.07 | 10.07 | 4.40 | 7.27 | 7.98 | 2.91 | 6.26 | 6.66 |

| Plant/Unit | Actual Performance 3rd Prior Period Oct.-Mar./1993-94 POF | EUOF | EUOR | Actual Performance 4th Prior Period Apr.-Sep./1993 POF | EUOF | EUOR | Actual Performance 5th Prior Period Oct.-Mar./1992-93 POF | EUOF | EUOR |
|---|---|---|---|---|---|---|---|---|---|
| ANC. 1 | 43.49 | 1.76 | 5.17 | 3.22 | 7.03 | 7.30 | 0.00 | 1.13 | 1.94 |
| ANC. 2 | 9.29 | 0.59 | 1.11 | 11.17 | 2.70 | 3.15 | 0.00 | 1.14 | 1.80 |
| C.R. 1 | 7.09 | 6.92 | 8.06 | 0.00 | 10.34 | 10.34 | 15.30 | 3.90 | 4.80 |
| C.R. 2 | 17.20 | 26.39 | 33.70 | 0.00 | 14.47 | 14.47 | 44.80 | 12.83 | 23.24 |
| C.R. 3 | 0.00 | 0.99 | 0.99 | 31.19 | 3.88 | 5.63 | 0.00 | 1.00 | 1.00 |
| C.R. 4 | 0.00 | 2.41 | 2.41 | 5.83 | 5.94 | 6.31 | 14.78 | 7.02 | 8.23 |
| C.R. 5 | 23.07 | 1.43 | 1.86 | 0.00 | 3.34 | 3.34 | 23.98 | 4.22 | 5.56 |
| GPIF System Wghtd. Avg. | 11.64 | 12.80 | 16.21 | 5.41 | 9.40 | 9.71 | 25.76 | 7.89 | 12.88 |

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DERIVATION OF WEIGHTING FACTORS

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

Production Costing Simulation
Fuel Cost ($000)

| Unit Performance Indicator | At Target (1) | At Maximum Improvement (2) | Savings (3) | Weighting Factor (% of Savings) |
|---|---|---|---|---|
| ANC. 1 EA | $454,647.0 | $454,606.3 | $40.7 | 0.68 |
| ANC. 1 HR | $454,647.0 | $453,776.5 | $870.5 | 14.51 |
| ANC. 2 EA | $454,647.0 | $454,568.5 | $78.5 | 1.31 |
| ANC. 2 HR | $454,647.0 | $453,827.4 | $819.6 | 13.67 |
| C.R. 1 EA | $454,647.0 | $454,517.8 | $129.2 | 2.15 |
| C.R. 1 HR | $454,647.0 | $454,156.9 | $490.1 | 8.17 |
| C.R. 2 EA | $454,647.0 | $453,983.7 | $663.3 | 11.06 |
| C.R. 2 HR | $454,647.0 | $454,165.8 | $481.2 | 8.02 |
| C.R. 3 EA | $454,647.0 | $454,472.3 | $174.7 | 2.91 |
| C.R. 3 HR | $454,647.0 | $454,565.3 | $81.7 | 1.36 |
| C.R. 4 EA | $454,647.0 | $454,330.4 | $316.6 | 5.28 |
| C.R. 4 HR | $454,647.0 | $453,717.1 | $929.9 | 15.50 |
| C.R. 5 EA | $454,647.0 | $454,515.5 | $131.5 | 2.19 |
| C.R. 5 HR | $454,647.0 | $453,856.9 | $790.1 | 13.17 |

1. Fuel Adjustment Base Case - all unit performance indicators at Target.
2. All other unit performance indicators at Target.
3. Expressed in replacement costs.

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997
Unit: Anclote 1

| Equivalent Availability (Points) | Fuel Savings/Loss ($) | Equivalent Availability (%) | Average Heat Rate (Points) | Fuel Savings/Loss ($) | Average Heat Rate (BTU/KWH) |
|---|---|---|---|---|---|
| 10 | $40,700 | 95.20 | 10 | $870,500 | 9671.0 |
| 9 | $36,630 | 95.02 | 9 | $783,450 | 9706.8 |
| 8 | $32,560 | 94.83 | 8 | $696,400 | 9742.5 |
| 7 | $28,490 | 94.65 | 7 | $609,350 | 9778.3 |
| 6 | $24,420 | 94.47 | 6 | $522,300 | 9814.0 |
| 5 | $20,350 | 94.29 | 5 | $435,250 | 9849.8 |
| 4 | $16,280 | 94.10 | 4 | $348,200 | 9885.5 |
| 3 | $12,210 | 93.92 | 3 | $261,150 | 9921.2 |
| 2 | $8,140 | 93.74 | 2 | $174,100 | 9957.0 |
| 1 | $4,070 | 93.55 | 1 | $87,050 | 9992.7 |
| | | | | | 10028.5 |
| 0 | $0 | 93.37 | 0 | $0 | 10103.5 |
| | | | | | 10178.5 |
| -1 | ($14,380) | 93.00 | -1 | ($87,050) | 10214.2 |
| -2 | ($28,760) | 92.63 | -2 | ($174,100) | 10250.0 |
| -3 | ($43,140) | 92.26 | -3 | ($261,150) | 10285.7 |
| -4 | ($57,520) | 91.89 | -4 | ($348,200) | 10321.5 |
| -5 | ($71,900) | 91.52 | -5 | ($435,250) | 10357.2 |
| -6 | ($86,280) | 91.15 | -6 | ($522,300) | 10392.9 |
| -7 | ($100,660) | 90.78 | -7 | ($609,350) | 10428.7 |
| -8 | ($115,040) | 90.41 | -8 | ($696,400) | 10464.4 |
| -9 | ($129,420) | 90.04 | -9 | ($783,450) | 10500.2 |
| -10 | ($143,800) | 89.66 | -10 | ($870,500) | 10535.9 |

| Equivalent Availability Weighting Factor: | Heat Rate Weighting Factor: |
|---|---|
| 0.68% | 14.51% |

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997
Unit: Anclote 2

| Equivalent Availability (Points) | Fuel Savings/Loss ($) | Equivalent Availability (%) | Average Heat Rate (Points) | Fuel Savings/Loss ($) | Average Heat Rate (BTU/KWH) |
|---|---|---|---|---|---|
| 10 | $78,500 | 64.25 | 10 | $819,600 | 9671.6 |
| 9 | $70,650 | 64.13 | 9 | $737,640 | 9706.7 |
| 8 | $62,800 | 64.01 | 8 | $655,680 | 9741.8 |
| 7 | $54,950 | 63.89 | 7 | $573,720 | 9776.9 |
| 6 | $47,100 | 63.77 | 6 | $491,760 | 9812.0 |
| 5 | $39,250 | 63.65 | 5 | $409,800 | 9847.1 |
| 4 | $31,400 | 63.53 | 4 | $327,840 | 9882.3 |
| 3 | $23,550 | 63.41 | 3 | $245,880 | 9917.4 |
| 2 | $15,700 | 63.29 | 2 | $163,920 | 9952.5 |
| 1 | $7,850 | 63.17 | 1 | $81,960 | 9987.6 |
| | | | | | 10022.7 |
| 0 | $0 | 63.05 | 0 | $0 | 10097.7 |
| | | | | | 10172.7 |
| -1 | ($15,200) | 62.81 | -1 | ($81,960) | 10207.8 |
| -2 | ($30,400) | 62.56 | -2 | ($163,920) | 10242.9 |
| -3 | ($45,600) | 62.32 | -3 | ($245,880) | 10278.0 |
| -4 | ($60,800) | 62.07 | -4 | ($327,840) | 10313.1 |
| -5 | ($76,000) | 61.82 | -5 | ($409,800) | 10348.3 |
| -6 | ($91,200) | 61.58 | -6 | ($491,760) | 10383.4 |
| -7 | ($106,400) | 61.33 | -7 | ($573,720) | 10418.5 |
| -8 | ($121,600) | 61.09 | -8 | ($655,680) | 10453.6 |
| -9 | ($136,800) | 60.84 | -9 | ($737,640) | 10488.7 |
| -10 | ($152,000) | 60.59 | -10 | ($819,600) | 10523.8 |

| Equivalent Availability Weighting Factor: | Heat Rate Weighting Factor: |
|---|---|
| 1.31% | 13.67% |

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997
Unit: Crystal River 1

| Equivalent Availability (Points) | Fuel Savings/Loss ($) | Equivalent Availability (%) | Average Heat Rate (Points) | Fuel Savings/Loss ($) | Average Heat Rate (BTU/KWH) |
|---|---|---|---|---|---|
| 10 | $129,200 | 72.84 | 10 | $490,100 | 9762.6 |
| 9 | $116,280 | 72.52 | 9 | $441,090 | 9779.8 |
| 8 | $103,360 | 72.20 | 8 | $392,080 | 9797.0 |
| 7 | $90,440 | 71.88 | 7 | $343,070 | 9814.1 |
| 6 | $77,520 | 71.56 | 6 | $294,060 | 9831.3 |
| 5 | $64,600 | 71.24 | 5 | $245,050 | 9848.5 |
| 4 | $51,680 | 70.92 | 4 | $196,040 | 9865.6 |
| 3 | $38,760 | 70.60 | 3 | $147,030 | 9882.8 |
| 2 | $25,840 | 70.28 | 2 | $98,020 | 9900.0 |
| 1 | $12,920 | 69.96 | 1 | $49,010 | 9917.1 |
| | | | | | 9934.3 |
| 0 | $0 | 69.64 | 0 | $0 | 10009.3 |
| | | | | | 10084.3 |
| -1 | ($32,380) | 69.00 | -1 | ($49,010) | 10101.5 |
| -2 | ($64,760) | 68.36 | -2 | ($98,020) | 10118.6 |
| -3 | ($97,140) | 67.72 | -3 | ($147,030) | 10135.8 |
| -4 | ($129,520) | 67.08 | -4 | ($196,040) | 10152.9 |
| -5 | ($161,900) | 66.44 | -5 | ($245,050) | 10170.1 |
| -6 | ($194,280) | 65.80 | -6 | ($294,060) | 10187.3 |
| -7 | ($226,660) | 65.16 | -7 | ($343,070) | 10204.4 |
| -8 | ($259,040) | 64.52 | -8 | ($392,080) | 10221.6 |
| -9 | ($291,420) | 63.88 | -9 | ($441,090) | 10238.8 |
| -10 | ($323,800) | 63.24 | -10 | ($490,100) | 10255.9 |

| Equivalent Availability Weighting Factor: | Heat Rate Weighting Factor: |
|---|---|
| 2.15% | 8.17% |

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997
Unit: Crystal River 2

| Equivalent Availability (Points) | Fuel Savings/Loss ($) | Equivalent Availability (%) | Average Heat Rate (Points) | Fuel Savings/Loss ($) | Average Heat Rate (BTU/KWH) |
|---|---|---|---|---|---|
| 10 | $663,300 | 71.12 | 10 | $481,200 | 9223.7 |
| 9 | $596,970 | 70.54 | 9 | $433,080 | 9235.8 |
| 8 | $530,640 | 69.95 | 8 | $384,960 | 9247.9 |
| 7 | $464,310 | 69.36 | 7 | $336,840 | 9260.0 |
| 6 | $397,980 | 68.77 | 6 | $288,720 | 9272.1 |
| 5 | $331,650 | 68.19 | 5 | $240,600 | 9284.2 |
| 4 | $265,320 | 67.60 | 4 | $192,480 | 9296.3 |
| 3 | $198,990 | 67.01 | 3 | $144,360 | 9308.4 |
| 2 | $132,660 | 66.43 | 2 | $96,240 | 9320.5 |
| 1 | $66,330 | 65.84 | 1 | $48,120 | 9332.6 |
| | | | | | 9344.7 |
| 0 | $0 | 65.25 | 0 | $0 | 9419.7 |
| | | | | | 9494.7 |
| -1 | ($15,620) | 63.99 | -1 | ($48,120) | 9506.8 |
| -2 | ($31,240) | 62.73 | -2 | ($96,240) | 9518.9 |
| -3 | ($46,860) | 61.47 | -3 | ($144,360) | 9531.0 |
| -4 | ($62,480) | 60.21 | -4 | ($192,480) | 9543.1 |
| -5 | ($78,100) | 58.94 | -5 | ($240,600) | 9555.2 |
| -6 | ($93,720) | 57.68 | -6 | ($288,720) | 9567.3 |
| -7 | ($109,340) | 56.42 | -7 | ($336,840) | 9579.4 |
| -8 | ($124,960) | 55.16 | -8 | ($384,960) | 9591.5 |
| -9 | ($140,580) | 53.90 | -9 | ($433,080) | 9603.6 |
| -10 | ($156,200) | 52.64 | -10 | ($481,200) | 9615.7 |

| Equivalent Availability Weighting Factor: | Heat Rate Weighting Factor: |
|---|---|
| 11.06% | 8.02% |

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997
Unit: Crystal River 3

| Equivalent Availability (Points) | Fuel Savings/Loss ($) | Equivalent Availability (%) | Average Heat Rate (Points) | Fuel Savings/Loss ($) | Average Heat Rate (BTU/KWH) |
|---|---|---|---|---|---|
| 10 | $174,700 | 97.98 | 10 | $81,700 | 10221.5 |
| 9 | $157,230 | 97.80 | 9 | $73,530 | 10229.0 |
| 8 | $139,760 | 97.61 | 8 | $65,360 | 10236.5 |
| 7 | $122,290 | 97.43 | 7 | $57,190 | 10244.0 |
| 6 | $104,820 | 97.25 | 6 | $49,020 | 10251.5 |
| 5 | $87,350 | 97.07 | 5 | $40,850 | 10259.0 |
| 4 | $69,880 | 96.89 | 4 | $32,680 | 10266.5 |
| 3 | $52,410 | 96.71 | 3 | $24,510 | 10274.0 |
| 2 | $34,940 | 96.53 | 2 | $16,340 | 10281.5 |
| 1 | $17,470 | 96.35 | 1 | $8,170 | 10289.0 |
| | | | | | 10296.5 |
| 0 | $0 | 96.17 | 0 | $0 | 10371.5 |
| | | | | | 10446.5 |
| -1 | ($38,750) | 95.79 | -1 | ($8,170) | 10454.0 |
| -2 | ($77,500) | 95.42 | -2 | ($16,340) | 10461.5 |
| -3 | ($116,250) | 95.04 | -3 | ($24,510) | 10469.0 |
| -4 | ($155,000) | 94.67 | -4 | ($32,680) | 10476.5 |
| -5 | ($193,750) | 94.30 | -5 | ($40,850) | 10484.0 |
| -6 | ($232,500) | 93.92 | -6 | ($49,020) | 10491.5 |
| -7 | ($271,250) | 93.55 | -7 | ($57,190) | 10499.0 |
| -8 | ($310,000) | 93.17 | -8 | ($65,360) | 10506.5 |
| -9 | ($348,750) | 92.80 | -9 | ($73,530) | 10514.0 |
| -10 | ($387,500) | 92.42 | -10 | ($81,700) | 10521.5 |

| Equivalent Availability Weighting Factor: | Heat Rate Weighting Factor: |
|---|---|
| 2.91% | 1.36% |

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997
Unit: Crystal River 4

| Equivalent Availability (Points) | Fuel Savings/Loss ($) | Equivalent Availability (%) | Average Heat Rate (Points) | Fuel Savings/Loss ($) | Average Heat Rate (BTU/KWH) |
|---|---|---|---|---|---|
| 10 | $316,600 | 97.57 | 10 | $929,900 | 9172.3 |
| 9 | $284,940 | 97.35 | 9 | $836,910 | 9182.7 |
| 8 | $253,280 | 97.13 | 8 | $743,920 | 9193.1 |
| 7 | $221,620 | 96.92 | 7 | $650,930 | 9203.5 |
| 6 | $189,960 | 96.70 | 6 | $557,940 | 9213.9 |
| 5 | $158,300 | 96.48 | 5 | $464,950 | 9224.3 |
| 4 | $126,640 | 96.27 | 4 | $371,960 | 9234.7 |
| 3 | $94,980 | 96.05 | 3 | $278,970 | 9245.1 |
| 2 | $63,320 | 95.83 | 2 | $185,980 | 9255.5 |
| 1 | $31,660 | 95.62 | 1 | $92,990 | 9265.9 |
| | | | | | 9276.3 |
| 0 | $0 | 95.40 | 0 | $0 | 9351.3 |
| | | | | | 9426.3 |
| -1 | ($53,520) | 94.96 | -1 | ($92,990) | 9436.7 |
| -2 | ($107,040) | 94.51 | -2 | ($185,980) | 9447.1 |
| -3 | ($160,560) | 94.07 | -3 | ($278,970) | 9457.5 |
| -4 | ($214,080) | 93.62 | -4 | ($371,960) | 9467.9 |
| -5 | ($267,600) | 93.18 | -5 | ($464,950) | 9478.3 |
| -6 | ($321,120) | 92.73 | -6 | ($557,940) | 9488.7 |
| -7 | ($374,640) | 92.29 | -7 | ($650,930) | 9499.1 |
| -8 | ($428,160) | 91.84 | -8 | ($743,920) | 9509.5 |
| -9 | ($481,680) | 91.40 | -9 | ($836,910) | 9519.9 |
| -10 | ($535,200) | 90.95 | -10 | ($929,900) | 9530.3 |

| Equivalent Availability Weighting Factor: | Heat Rate Weighting Factor: |
|---|---|
| 5.28% | 15.50% |

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997
Unit: Crystal River 5

| Equivalent Availability (Points) | Fuel Savings/Loss ($) | Equivalent Availability (%) | Average Heat Rate (Points) | Fuel Savings/Loss ($) | Average Heat Rate (BTU/KWH) |
|---|---|---|---|---|---|
| 10 | $131,500 | 83.37 | 10 | $790,100 | 8997.6 |
| 9 | $118,350 | 83.20 | 9 | $711,090 | 9005.1 |
| 8 | $105,200 | 83.03 | 8 | $632,080 | 9012.6 |
| 7 | $92,050 | 82.87 | 7 | $553,070 | 9020.1 |
| 6 | $78,900 | 82.70 | 6 | $474,060 | 9027.6 |
| 5 | $65,750 | 82.53 | 5 | $395,050 | 9035.1 |
| 4 | $52,600 | 82.36 | 4 | $316,040 | 9042.6 |
| 3 | $39,450 | 82.20 | 3 | $237,030 | 9050.1 |
| 2 | $26,300 | 82.03 | 2 | $158,020 | 9057.6 |
| 1 | $13,150 | 81.86 | 1 | $79,010 | 9065.1 |
| | | | | | 9072.6 |
| 0 | $0 | 81.69 | 0 | $0 | 9147.6 |
| | | | | | 9222.6 |
| -1 | ($36,090) | 81.35 | -1 | ($92,990) | 9230.1 |
| -2 | ($72,180) | 81.00 | -2 | ($185,980) | 9237.6 |
| -3 | ($108,270) | 80.66 | -3 | ($278,970) | 9245.1 |
| -4 | ($144,360) | 80.32 | -4 | ($371,960) | 9252.6 |
| -5 | ($180,450) | 79.97 | -5 | ($464,950) | 9260.1 |
| -6 | ($216,540) | 79.63 | -6 | ($557,940) | 9267.6 |
| -7 | ($252,630) | 79.28 | -7 | ($650,930) | 9275.1 |
| -8 | ($288,720) | 78.94 | -8 | ($743,920) | 9282.6 |
| -9 | ($324,810) | 78.59 | -9 | ($836,910) | 9290.1 |
| -10 | ($360,900) | 78.25 | -10 | ($790,100) | 9297.6 |

| Equivalent Availability Weighting Factor: | Heat Rate Weighting Factor: |
|---|---|
| 2.19% | 13.17% |

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ESTIMATED UNIT PERFORMANCE DATA

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| PLANT/UNIT Anclote 1 | Month of: Oct-96 | Month of: Nov-96 | Month of: Dec-96 | Month of: Jan-97 | Month of: Feb-97 | Month of: Mar-97 | Period of: Oct-96 - Mar. 1997 |
|---|---|---|---|---|---|---|---|
| 1. EAF | 96.47 | 80.02 | 96.12 | 95.90 | 95.86 | 95.58 | 93.37 |
| 2. POF | 0.00 | 16.67 | 0.00 | 0.00 | 0.00 | 0.00 | 2.73 |
| 3. EUOF | 3.53 | 3.31 | 3.88 | 4.10 | 4.14 | 4.42 | 3.90 |
| 4. EUOR | 6.10 | 6.10 | 6.10 | 6.10 | 6.10 | 6.10 | 6.10 |
| 5. PH | 745 | 720 | 744 | 744 | 696 | 744 | 4393 |
| 6. SH | 416.0 | 377.0 | 456.5 | 482.0 | 456.1 | 520.3 | 2707.8 |
| 7. RSH | 314.3 | 209.7 | 271.3 | 244.9 | 223.7 | 205.3 | 1469.1 |
| 8. UH | 14.8 | 133.4 | 16.2 | 17.1 | 16.2 | 18.5 | 216.1 |
| 9. POH | 0 | 120 | 0 | 0 | 0 | 0 | 120 |
| 10. FOH & EFOH | 20.3 | 18.4 | 22.3 | 23.5 | 22.3 | 25.4 | 132.1 |
| 11. MOH & EMOH | 6.0 | 5.4 | 6.6 | 6.9 | 6.6 | 7.5 | 39.0 |
| 12. Oper. Btu(MBtu) | 1,260,961 | 961,533 | 509,770 | 504,677 | 488,012 | 1,027,366 | 4,817,126 |
| 13. Net Gen. (MWH) | 131,242 | 98,069 | 49,274 | 48,665 | 47,095 | 102,434 | 476,779 |
| 14. ANOHR (Btu/KWH) | 9,608 | 9,805 | 10,346 | 10,370 | 10,362 | 10,030 | 10,103 |
| 15. NOF (%) | 61.7 | 50.9 | 21.1 | 19.8 | 20.2 | 38.5 | 34.5 |
| 16. NSC (MW) | 511 | 511 | 511 | 511 | 511 | 511 | 511 |
| 17. ANOHR Equation | ANOHR= | -18.161 | x NOF + | 10729.3 | | | |

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ESTIMATED UNIT PERFORMANCE DATA

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| PLANT/UNIT Anclote 2 | Month of: Oct-96 | Month of: Nov-96 | Month of: Dec-96 | Month of: Jan-97 | Month of: Feb-97 | Month of: Mar-97 | Period of: Oct-96 - Mar. 1997 |
|---|---|---|---|---|---|---|---|
| 1. EAF | 12.60 | 0.00 | 77.70 | 96.23 | 96.18 | 95.78 | 63.05 |
| 2. POF | 86.98 | 100.00 | 19.35 | 0.00 | 0.00 | 0.00 | 34.42 |
| 3. EUOF | 0.42 | 0.00 | 2.94 | 3.77 | 3.82 | 4.22 | 2.53 |
| 4. EUOR | 5.50 | 0.00 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 |
| 5. PH | 745 | 720 | 744 | 744 | 696 | 744 | 4393 |
| 6. SH | 56.3 | 0.0 | 391.2 | 501.6 | 475.0 | 560.8 | 1985.0 |
| 7. RSH | 39.7 | 0.0 | 202.1 | 233.8 | 212.8 | 173.6 | 862.1 |
| 8. UH | 649.0 | 720.0 | 150.7 | 8.6 | 8.1 | 9.6 | 1545.9 |
| 9. POH | 648 | 720 | 144 | 0 | 0 | 0 | 1512 |
| 10. FOH & EFOH | 2.5 | 0.0 | 17.2 | 22.0 | 20.9 | 24.6 | 87.2 |
| 11. MOH & EMOH | 0.7 | 0.0 | 4.7 | 6.0 | 5.7 | 6.8 | 23.9 |
| 12. Oper. Btu(MBtu) | 145,571 | 0 | 431,522 | 534,416 | 504,575 | 1,174,361 | 2,802,243 |
| 13. Net Gen. (MWH) | 14,821 | 0 | 42,440 | 52,516 | 49,580 | 118,156 | 277,513 |
| 14. ANOHR (Btu/KWH) | 9,822 | 0 | 10,168 | 10,176 | 10,177 | 9,939 | 10,098 |
| 15. NOF (%) | 51.5 | 0.0 | 21.2 | 20.5 | 20.4 | 41.2 | 27.4 |
| 16. NSC (MW) | 511 | 511 | 511 | 511 | 511 | 511 | 511 |
| 17. ANOHR Equation | ANOHR= | -11.434 | x NOF + | 10410.5 | | | |

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ESTIMATED UNIT PERFORMANCE DATA

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| PLANT/UNIT Crystal River 1 | Month of: Oct-96 | Month of: Nov-96 | Month of: Dec-96 | Month of: Jan-97 | Month of: Feb-97 | Month of: Mar-97 | Period of: Oct-96 - Mar. 1997 |
|---|---|---|---|---|---|---|---|
| 1. EAF | 52.90 | 0.00 | 91.03 | 91.03 | 91.03 | 91.03 | 69.64 |
| 2. POF | 41.88 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.49 |
| 3. EUOF | 5.22 | 0.00 | 8.97 | 8.97 | 8.97 | 8.97 | 6.87 |
| 4. EUOR | 8.97 | 0.00 | 8.97 | 8.97 | 8.97 | 8.97 | 8.97 |
| 5. PH | 745 | 720 | 744 | 744 | 696 | 744 | 4393 |
| 6. SH | 412.8 | 0.0 | 709.4 | 709.4 | 663.6 | 709.4 | 3204.6 |
| 7. PSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. UH | 332.2 | 720.0 | 34.6 | 34.6 | 32.4 | 34.6 | 1188.4 |
| 9. POH | 312 | 720 | 0 | 0 | 0 | 0 | 1032 |
| 10. FOH & EFOH | 26.7 | 0.0 | 45.9 | 45.9 | 42.9 | 45.9 | 207.3 |
| 11. MOH & EMOH | 12.2 | 0.0 | 20.9 | 20.9 | 19.5 | 20.9 | 94.3 |
| 12. Oper. Btu(MBtu) | 1,088,101 | 0 | 1,507,957 | 1,653,024 | 1,681,584 | 2,224,489 | 8,166,689 |
| 13. Net Gen. (MWH) | 108,958 | 0 | 149,028 | 164,218 | 167,939 | 225,768 | 815,911 |
| 14. ANOHR (Btu/KWH) | 9,986 | 0 | 10,119 | 10,066 | 10,013 | 9,853 | 10,009 |
| 15. NOF (%) | 70.9 | 0.0 | 56.5 | 62.2 | 68.0 | 85.6 | 68.4 |
| 16. NSC (MW) | 372 | 372 | 372 | 372 | 372 | 372 | 372 |
| 17. ANOHR Equation | ANOHR= | -9.134 | x NOF + | 10634.5 | | | |

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ESTIMATED UNIT PERFORMANCE DATA

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| PLANT/UNIT Crystal River 2 | Month of: Oct-96 | Month of: Nov-96 | Month of: Dec-96 | Month of: Jan-97 | Month of: Feb-97 | Month of: Mar-97 | Period of: Oct-96 - Mar. 1997 |
|---|---|---|---|---|---|---|---|
| 1. EAF | 83.50 | 83.50 | 70.03 | 83.50 | 43.19 | 26.94 | 65.25 |
| 2. POF | 0.00 | 0.00 | 16.13 | 0.00 | 48.28 | 67.74 | 21.85 |
| 3. EUOF | 16.50 | 16.50 | 13.84 | 16.50 | 8.53 | 5.32 | 12.89 |
| 4. EUOR | 16.50 | 16.50 | 16.50 | 16.50 | 16.50 | 16.50 | 16.50 |
| 5. PH | 745 | 720 | 744 | 744 | 696 | 744 | 4393 |
| 6. SH | 646.2 | 624.5 | 541.3 | 645.4 | 312.3 | 208.2 | 2977.8 |
| 7. RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8. UH | 98.8 | 95.5 | 202.7 | 98.6 | 383.7 | 535.8 | 1415.2 |
| 9. POH | 0 | 0 | 120 | 0 | 336 | 504 | 960 |
| 10. FOH & EFOH | 58.9 | 57.0 | 49.4 | 58.9 | 28.5 | 19.0 | 271.6 |
| 11. MOH & EMOH | 64.0 | 61.8 | 53.6 | 63.9 | 30.9 | 20.6 | 294.8 |
| 12. Oper. Btu(MBtu) | 2,775,238 | 2,717,554 | 2,389,545 | 2,858,163 | 1,325,322 | 935,060 | 13,001,802 |
| 13. Net Gen. (MWH) | 293,579 | 288,284 | 254,292 | 304,377 | 139,854 | 99,895 | 1,380,281 |
| 14. ANOHR (Btu/KWH) | 9,453 | 9,427 | 9,397 | 9,390 | 9,476 | 9,360 | 9,420 |
| 15. NOF (%) | 97.1 | 98.6 | 100.4 | 100.8 | 95.7 | 102.5 | 99.0 |
| 16. NSC (MW) | 468 | 468 | 468 | 468 | 468 | 468 | 468 |
| 17. ANOHR Equation | ANOHR= | -16.978 | x NOF + | 11101.2 | | | |

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ESTIMATED UNIT PERFORMANCE DATA

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| PLANT/UNIT Crystal River 3 | Month of: Oct-96 | Month of: Nov-96 | Month of: Dec-96 | Month of: Jan-97 | Month of: Feb-97 | Month of: Mar-97 | Period of: Oct-96 - Mar. 1997 |
|---|---|---|---|---|---|---|---|
| 1. EAF | 96.17 | 96.17 | 96.17 | 96.17 | 96.17 | 96.17 | 96.17 |
| 2. POF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3. EUOF | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 |
| 4. EUOR | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 |
| 5. PH | 745 | 720 | 744 | 744 | 696 | 744 | 4393 |
| 6. SH | 724.7 | 700.4 | 723.7 | 723.7 | 677.0 | 723.7 | 4273.2 |
| 7. RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8. UH | 20.3 | 19.6 | 20.3 | 20.3 | 19.0 | 20.3 | 119.8 |
| 9. POH | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10. FOH & EFOH | 26.4 | 25.5 | 26.3 | 26.3 | 24.6 | 26.3 | 155.5 |
| 11. MOH & EMOH | 2.2 | 2.1 | 2.2 | 2.2 | 2.0 | 2.2 | 12.8 |
| 12. Oper. Btu(MBtu) | 5,722,245 | 5,576,749 | 5,762,645 | 5,607,232 | 5,141,638 | 5,607,232 | 33,431,979 |
| 13. Net Gen. (MWH) | 556,053 | 545,944 | 564,143 | 536,409 | 484,499 | 536,409 | 3,223,457 |
| 14. ANOHR (Btu/KWH) | 10,291 | 10,215 | 10,215 | 10,453 | 10,612 | 10,453 | 10,371 |
| 15. NOF (%) | 103.3 | 104.9 | 104.9 | 99.8 | 96.3 | 99.8 | 101.5 |
| 16. NSC (MW) | 743 | 743 | 743 | 743 | 743 | 743 | 743 |
| 17. ANOHR Equation | ANOHR= | -46.225 | x NOF + | 15064.4 | | | |

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Order No.:

ESTIMATED UNIT PERFORMANCE DATA

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| PLANT/UNIT Crystal River 4 | Month of: Oct-96 | Month of: Nov-96 | Month of: Dec-96 | Month of: Jan-97 | Month of: Feb-97 | Month of: Mar-97 | Period of: Oct-96 - Mar. 1997 |
|---|---|---|---|---|---|---|---|
| 1. EAF | 95.40 | 95.40 | 95.40 | 95.40 | 95.40 | 95.40 | 95.40 |
| 2. POF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3. EUOF | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 |
| 4. EUOR | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 |
| 5. PH | 745 | 720 | 744 | 744 | 696 | 744 | 4393 |
| 6. SH | 728.6 | 704.1 | 727.6 | 727.6 | 680.7 | 727.6 | 4296.2 |
| 7. RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8. UH | 16.4 | 15.9 | 16.4 | 16.4 | 15.3 | 16.4 | 96.8 |
| 9. POH | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10. FOH & EFOH | 24.4 | 23.6 | 24.4 | 24.4 | 22.8 | 24.4 | 144.1 |
| 11. MOH & EMOH | 9.8 | 9.5 | 9.8 | 9.8 | 9.2 | 9.8 | 57.9 |
| 12. Oper. Btu(MBtu) | 3,587,053 | 3,709,158 | 3,740,169 | 3,303,509 | 3,842,116 | 4,326,004 | 22,508,662 |
| 13. Net Gen. (MWH) | 383,503 | 396,655 | 399,935 | 353,092 | 410,984 | 462,844 | 2,407,013 |
| 14. ANOHR (Btu/KWH) | 9,353 | 9,351 | 9,352 | 9,356 | 9,349 | 9,347 | 9,351 |
| 15. NOF (%) | 75.5 | 80.8 | 78.9 | 69.6 | 86.6 | 91.3 | 80.4 |
| 16. NSC (MW) | 697 | 697 | 697 | 697 | 697 | 697 | 697 |
| 17. ANOHR Equation | ANOHR= | -0.433 | x NOF + | 9386.1 | | | |

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Docket No.:
Order No.:

ESTIMATED UNIT PERFORMANCE DATA

Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

| PLANT/UNIT Crystal River 5 | Month of: Oct-96 | Month of: Nov-96 | Month of: Dec-96 | Month of: Jan-97 | Month of: Feb-97 | Month of: Mar-97 | Period of: Oct-96 - Mar. 1997 |
|---|---|---|---|---|---|---|---|
| 1. EAF | 95.83 | 67.08 | 95.83 | 95.83 | 95.83 | 40.19 | 81.69 |
| 2. POF | 0.00 | 30.00 | 0.00 | 0.00 | 0.00 | 58.06 | 14.75 |
| 3. EUOF | 4.17 | 2.92 | 4.17 | 4.17 | 4.17 | 1.75 | 3.56 |
| 4. EUOR | 4.17 | 4.17 | 4.17 | 4.17 | 4.17 | 4.17 | 4.17 |
| 5. PH | 745 | 720 | 744 | 744 | 696 | 744 | 4393 |
| 6. SH | 727.4 | 492.1 | 726.4 | 726.4 | 679.6 | 304.6 | 3656.6 |
| 7. RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8. UH | 17.6 | 227.9 | 17.6 | 17.6 | 16.4 | 439.4 | 736.4 |
| 9. POH | 0 | 216 | 0 | 0 | 0 | 432 | 648 |
| 10. FOH & EFOH | 25.7 | 17.4 | 25.7 | 25.7 | 24.0 | 10.8 | 129.4 |
| 11. MOH & EMOH | 5.3 | 3.6 | 5.3 | 5.3 | 5.0 | 2.2 | 26.9 |
| 12. Oper. Btu(MBtu) | 4,375,361 | 3,041,387 | 4,419,282 | 4,407,576 | 4,104,269 | 1,942,736 | 22,291,304 |
| 13. Net Gen. (MWH) | 477,626 | 332,975 | 483,002 | 481,586 | 448,226 | 213,440 | 2,436,855 |
| 14. ANOHR (Btu/KWH) | 9,161 | 9,134 | 9,150 | 9,152 | 9,157 | 9,102 | 9,148 |
| 15. NOF (%) | 94.2 | 97.1 | 95.4 | 95.1 | 94.6 | 100.5 | 95.6 |
| 16. NSC (MW) | 697 | 697 | 697 | 697 | 697 | 697 | 697 |
| 17. ANOHR Equation | ANOHR= | -9.278 | x NOF + | 10034.7 | | | |

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Original Sheet No.

PLANNED OUTAGE SCHEDULES
ESTIMATED

Company : **Florida Power Corporation**
Period of : **October 1996 - March 1997**

| Plant/Unit | Planned Outage Dates | Reason For Outage(1) |
|---|---|---|
| **1996** | | |
| Anclote 1 | 11/30(0001) - 12/06(2400) | Stack Repair |
| Anclote 2 | 10/12(0001) - 12/13(2400) | Turbine/Generator/Boiler/Stack Repair |
| Crystal River 1 | 10/12(0001) -11/22(2400) | Boiler/Bottom Ash Modification |
| Crystal River 2 | 10/05(0001) - 10/12(2400) | Inspection |
| Crystal River 5 | 11/16(0001) - 11/22(2400) | Inspection |
| **1997** | | |
| Crystal River 2 | 02/15(0001) - 03/21(2400) | Boiler |
| Crystal River 5 | 03/22(0001) - 05/02(2400) | Boiler |

(1) To be accompanied by a critical path bar chart or milestone date chart of major activity to be performed during the outage.

ISSUED BY: FPC

FILED:
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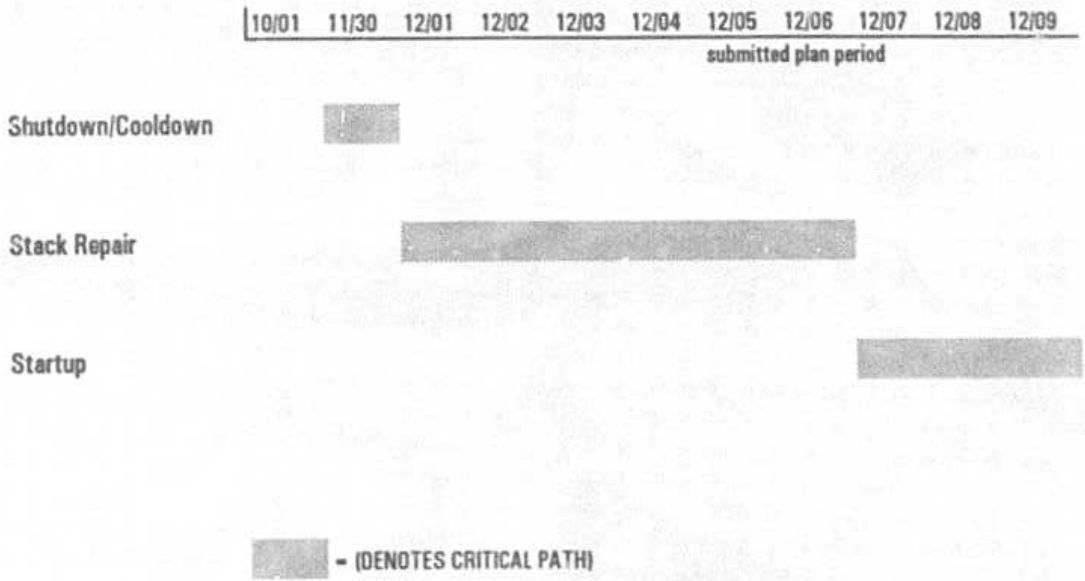
EFFECTIVE:
DOCKET NO.:

# FLORIDA POWER CORPORATION

**PLANNED FOR ANCLOTE #1 1996 STACK REPAIR**

*(indicating dates ending midnight)*

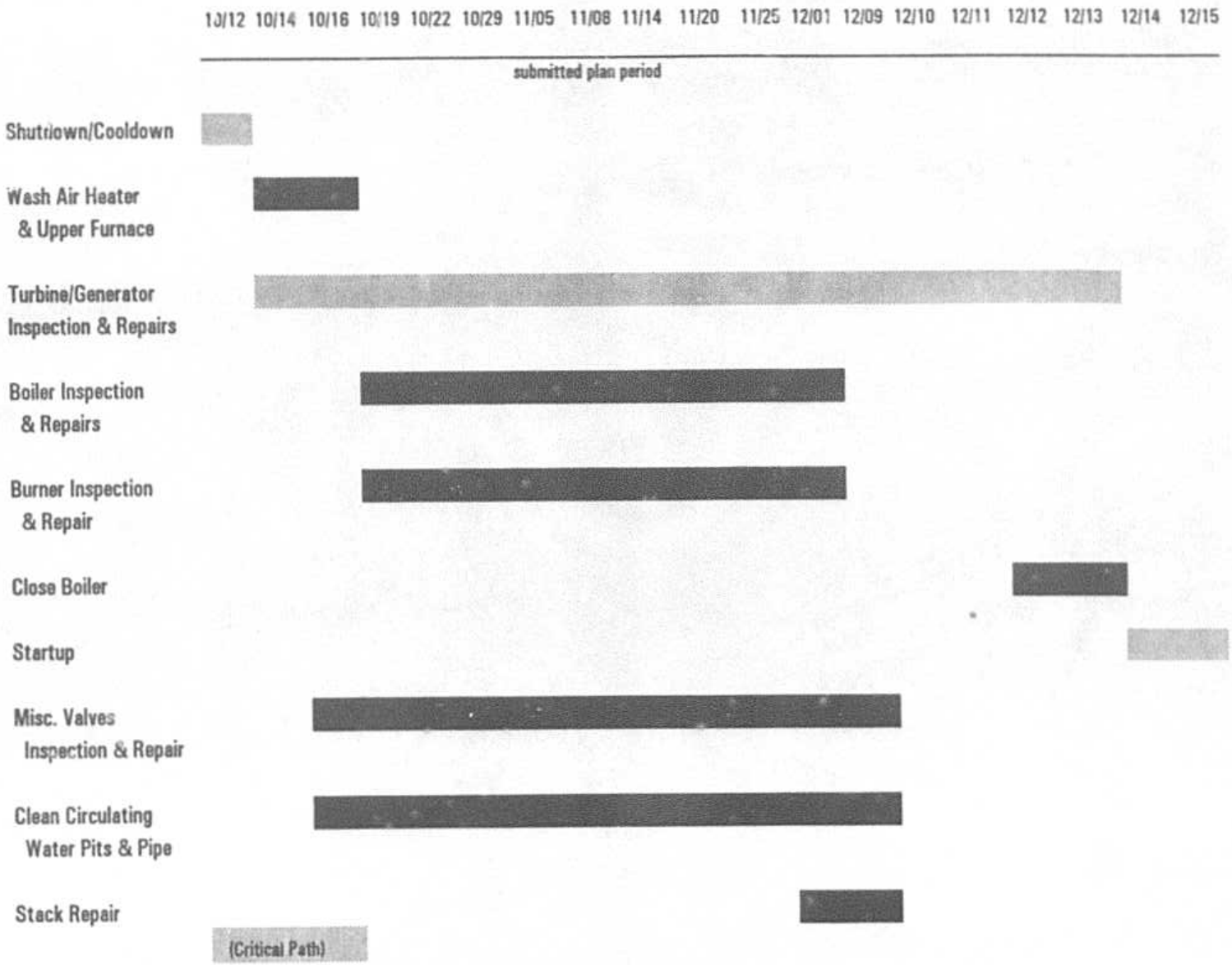



GPI95AN2.XLS

# FLORIDA POWER CORPORATION

**PLAN FOR ANCLOTE #2 1996 TURBINE/GENERATOR/BOILER INSPECTION/STACK REPAIR**

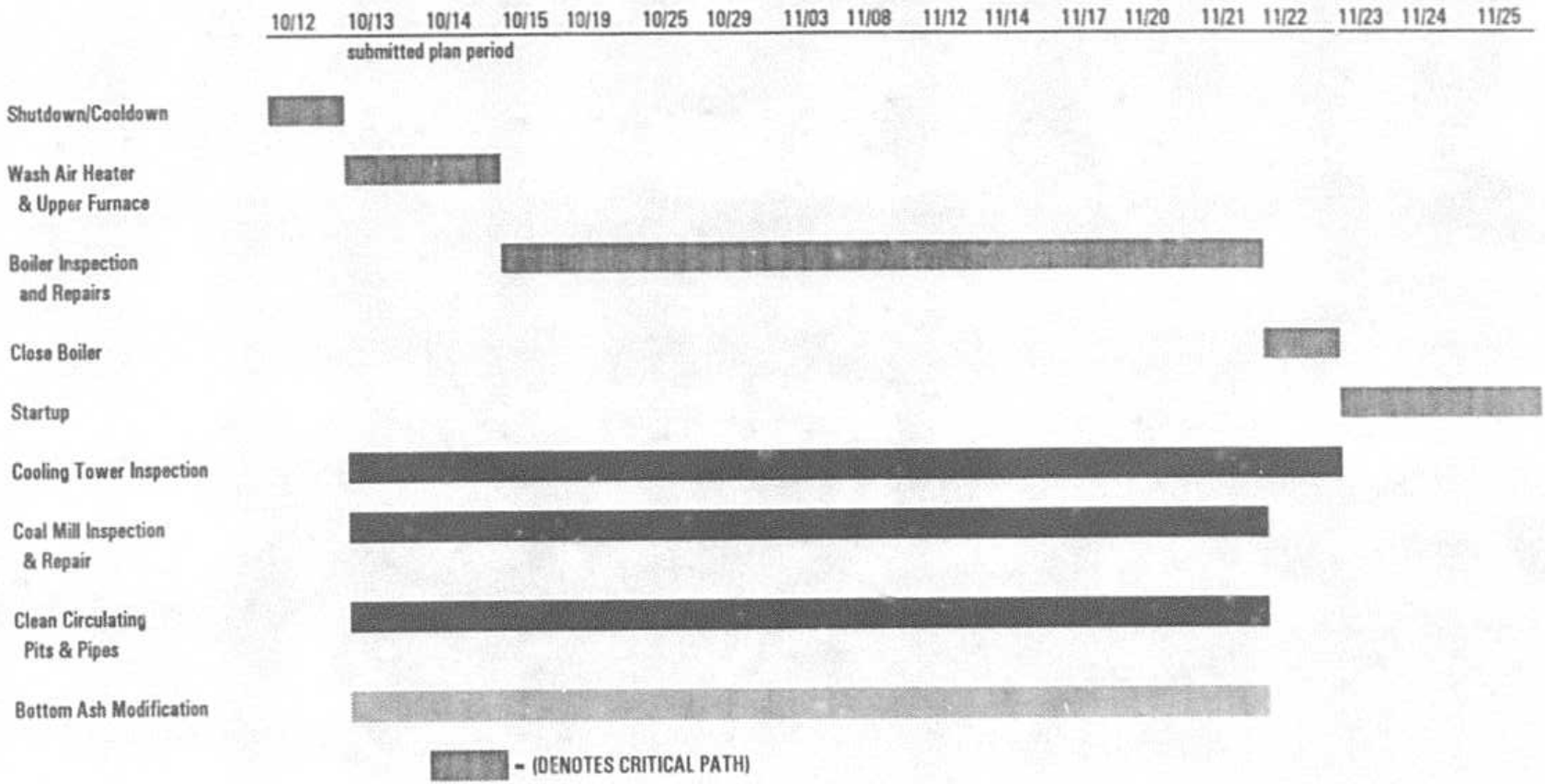
*(indicating dates ending midnight)*



# FLORIDA POWER CORPORATION

## PLAN FOR CRYSTAL RIVER #1 1996 BOILER/BOTTOM ASH MODIFICATION

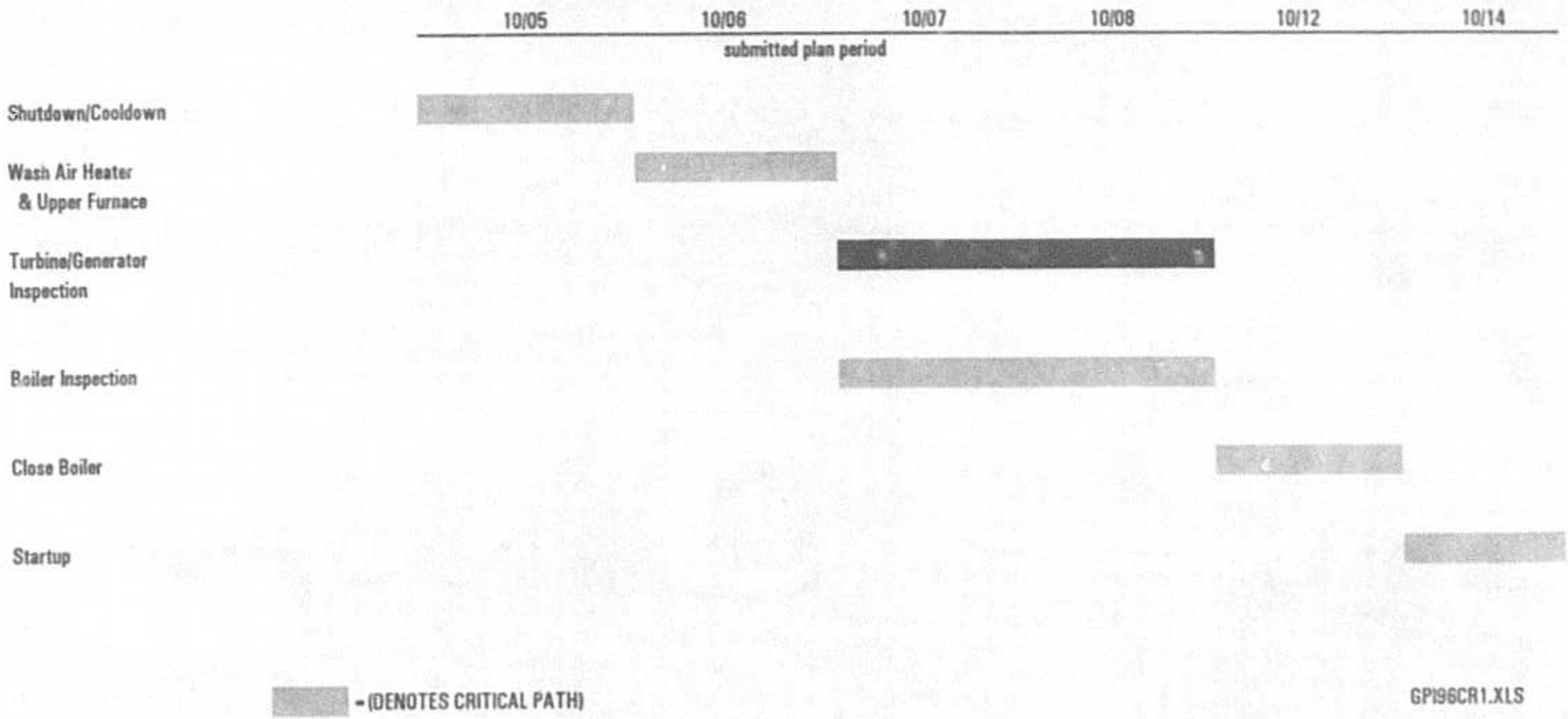
*(indicating dates ending midnight)*



# FLORIDA POWER CORPORATION

## PLAN FOR CRYSTAL RIVER #2 1996 INSPECTION

*(indicating dates ending midnight)*

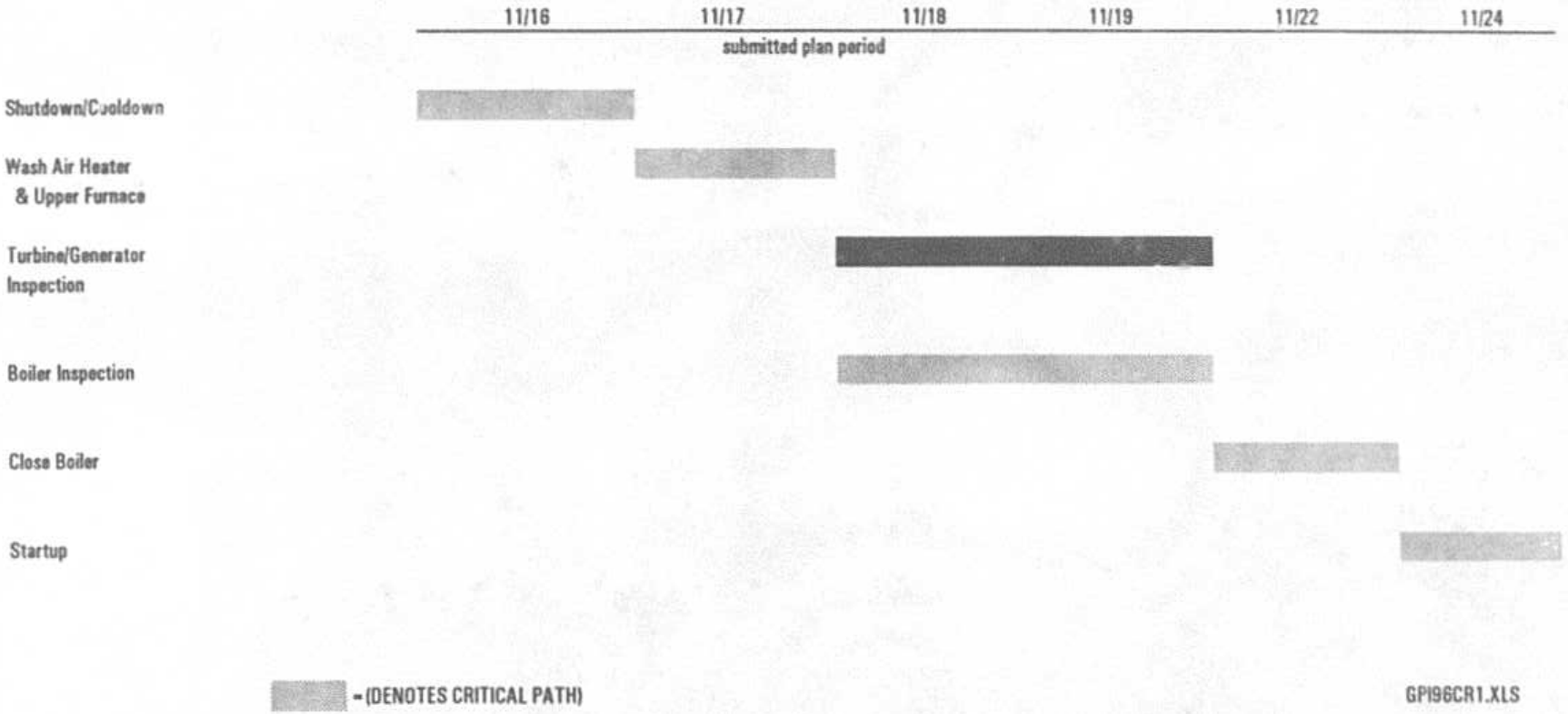



GP196CR1.XLS

# FLORIDA POWER CORPORATION

## PLAN FOR CRYSTAL RIVER #5 1996 INSPECTION

*(indicating dates ending midnight)*

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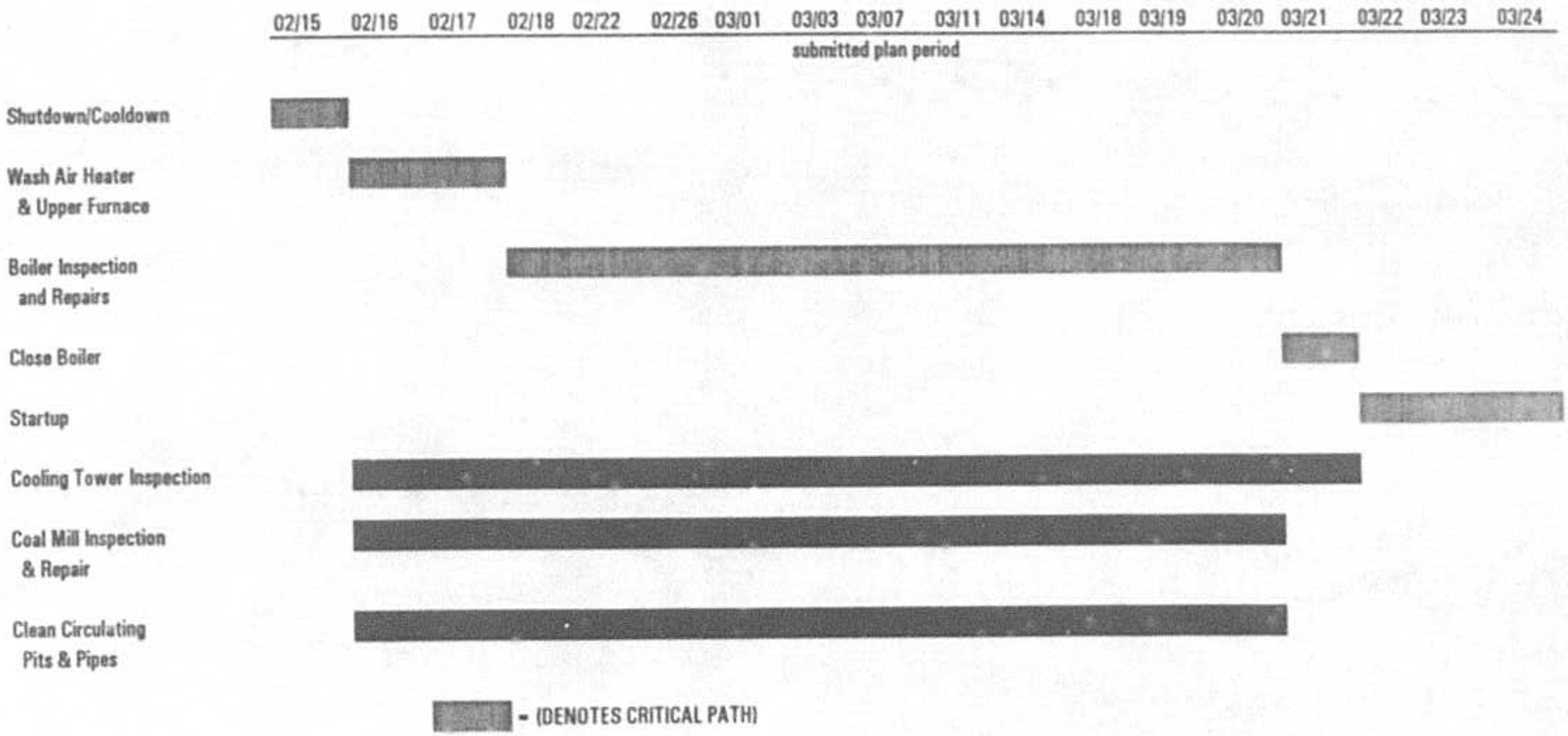
# FLORIDA POWER CORPORATION

## PLAN FOR CRYSTAL RIVER #2 1997 BOILER

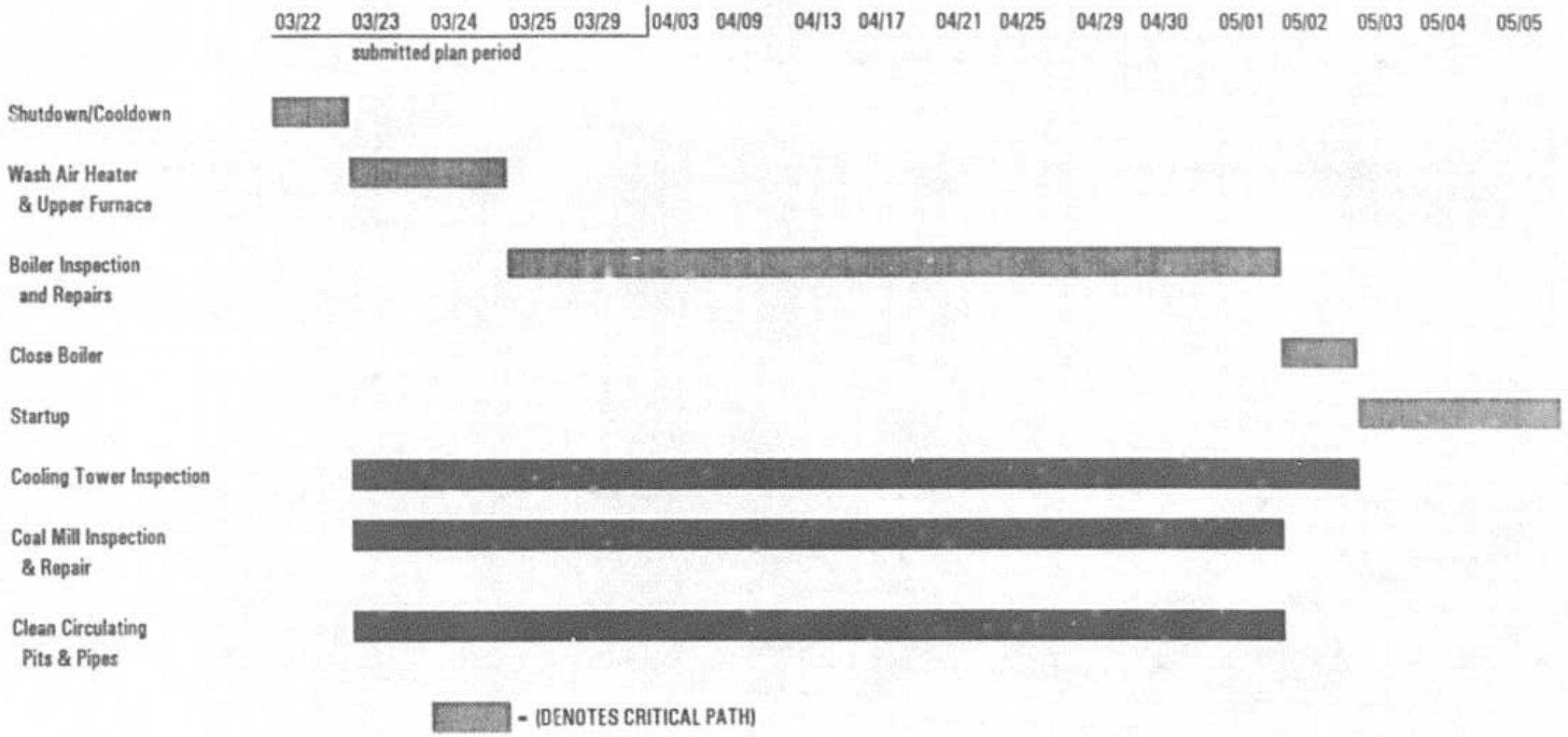
*(indicating dates ending midnight)*



# FLORIDA POWER CORPORATION

## PLAN FOR CRYSTAL RIVER #5 1997 BOILER

*(indicating dates ending midnight)*



# AVERAGE NET OPERATING

# HEAT RATE CURVES

FLORIDA POWER CORPORATION

ANCLOTE UNIT 1

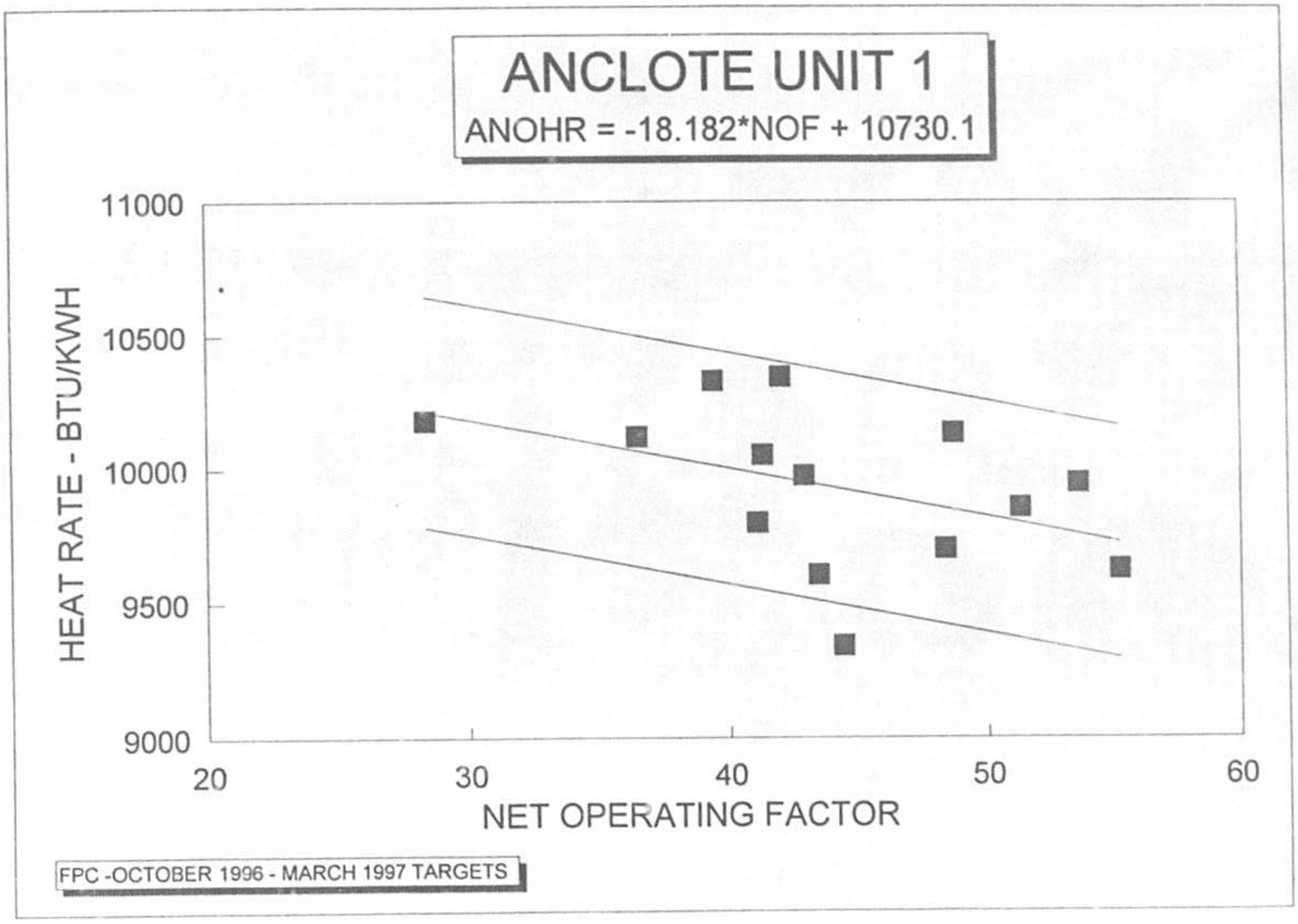
AVE. NET OPR. HEAT RATE -18.182 * NOF + 10730.12

TABLE OF RESIDUALS

| DATE | OUTPUT FACTOR | ACT MONTHLY HEATRATE | PROJECTED HEATRATE | DIFFERENCE (ACT-PROJ) | HEAT RATE RANGE @90% CONFID |
|---|---|---|---|---|---|
| Oct-93 | 53.6 | 9947.2 | 9755.5 | 191.7 | 432.4 |
| Nov-93 | 55.2 | 9625.2 | 9726.4 | -101.2 | 432.4 |
| Dec-93 | 48.4 | 9700.5 | 9850.1 | -149.6 | 432.4 |
| Jan-94 | 41.1 | 9799.9 | 9982.8 | -182.9 | 432.4 |
| Feb-94 | 44.4 | 9342.1 | 9922.8 | -580.7 | 432.4 |
| Mar-94 | 51.3 | 9853.7 | 9797.4 | 56.3 | 432.4 |
| Dec-94 | 28.4 | 10181.8 | 10214.4 | -32.6 | 432.4 |
| Jan-95 | 43.4 | 9604.1 | 9940.5 | -336.3 | 432.4 |
| Feb-95 | 41.3 | 10052.8 | 9979.2 | 73.6 | 432.4 |
| Mar-95 | 36.5 | 10122.2 | 10067.3 | 54.9 | 432.4 |
| Oct-95 | 42.9 | 9973.5 | 9950.1 | 23.4 | 432.4 |
| Dec-95 | 39.4 | 10329.9 | 10013.4 | 316.4 | 432.4 |
| Jan-96 | 42.0 | 10343.6 | 9966.0 | 377.6 | 432.4 |
| Feb-96 | 48.8 | 10133.2 | 9843.7 | 289.5 | 432.4 |

Regression Output:

| | | |
|---|---|---|
| Constant | | 10730.11988 |
| Std Err of Y Est | | 272.7827166 |
| R Squared | | 0.195537634 |
| No. of Observations | | 14 |
| Degrees of Freedom | | 12 |
| X Coefficient(s) | -18.1824826 | |
| Std Err of Coef. | 10.64633786 | |


ANCLOTE UNIT 1
ANOHR = -18.182*NOF + 10730.1
11000
10500
10000
9500
9000
HEAT RATE - BTU/KWH
20
30
40
50
60
NET OPERATING FACTOR
FPC -OCTOBER 1996 - MARCH 1997 TARGETS

FLORIDA POWER CORPORATION

ANCLOTE UNIT 2

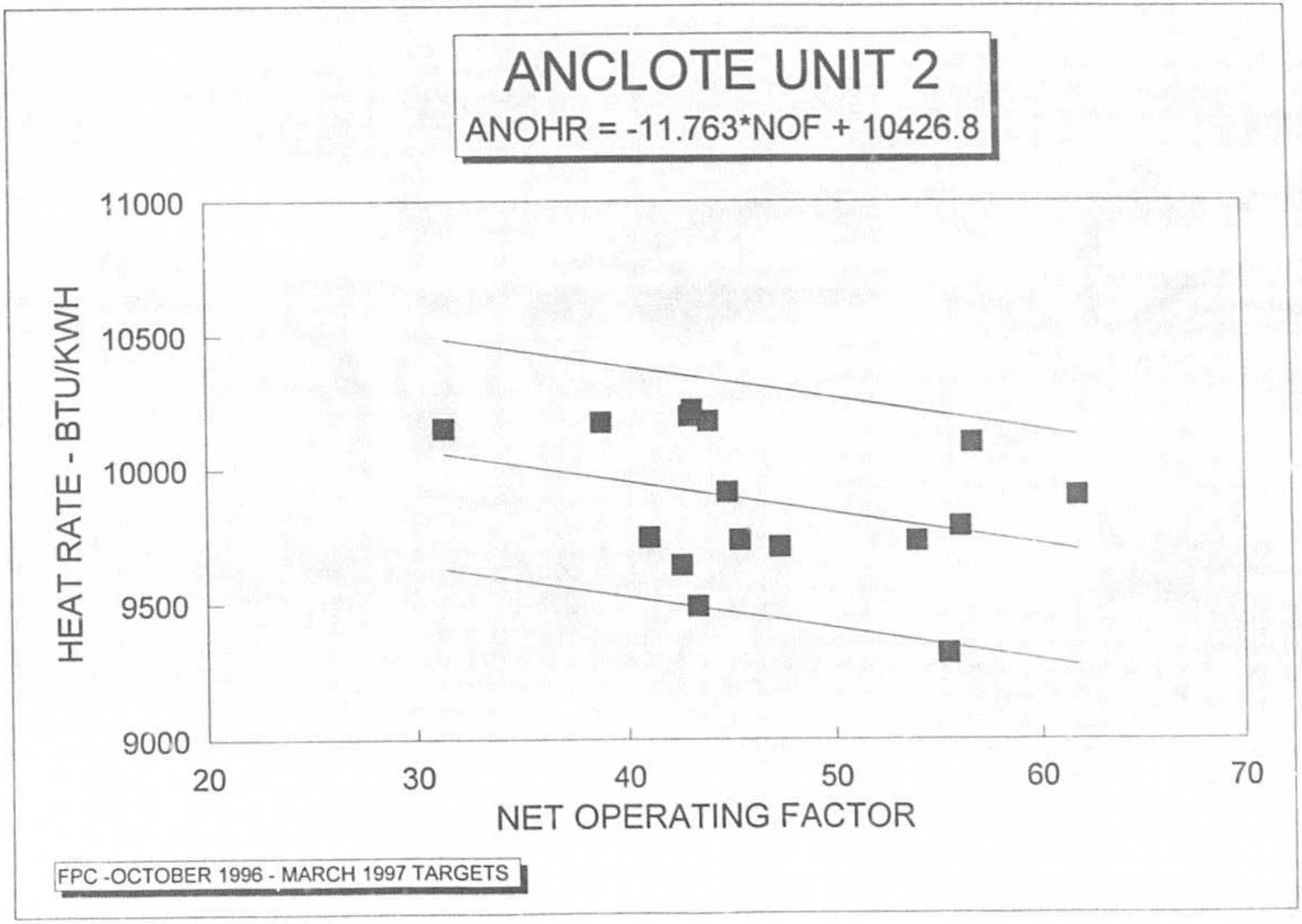
AVE. NET OPR. HEAT RATE -11.763 * NOF + 10426.81

TABLE OF RESIDUALS

| DATE | OUTPUT FACTOR | ACT MONTHLY HEATRATE | PROJECTED HEATRATE | DIFFERENCE (ACT-PROJ) | HEAT RATE RANGE @90% CONFID |
|---|---|---|---|---|---|
| Oct-93 | 56.1 | 9788.0 | 9766.9 | 21.1 | 427.9 |
| Nov-93 | 56.7 | 10098.9 | 9759.9 | 339.0 | 427.9 |
| Dec-93 | 47.3 | 9710.8 | 9870.4 | -159.6 | 427.9 |
| Jan-94 | 42.6 | 9644.5 | 9925.7 | -281.2 | 427.9 |
| Feb-94 | 45.4 | 9736.9 | 9892.8 | -155.9 | 427.9 |
| Mar-94 | 54.0 | 9732.7 | 9791.6 | -58.9 | 427.9 |
| Oct-94 | 43.0 | 10200.4 | 9920.8 | 279.6 | 427.9 |
| Nov-94 | 43.9 | 10179.9 | 9910.3 | 269.7 | 427.9 |
| Dec-94 | 38.8 | 10176.5 | 9971.0 | 205.5 | 427.9 |
| Jan-95 | 41.1 | 9748.7 | 9943.9 | -195.2 | 427.9 |
| Feb-95 | 43.4 | 9492.3 | 9916.6 | -424.3 | 427.9 |
| Mar-95 | 31.3 | 10153.8 | 10058.5 | 95.3 | 427.9 |
| Oct-95 | 61.8 | 9903.4 | 9700.0 | 203.4 | 427.9 |
| Dec-95 | 44.8 | 9915.3 | 9899.4 | 15.9 | 427.9 |
| Feb-96 | 43.2 | 10222.0 | 9919.2 | 302.8 | 427.9 |
| Mar-96 | 55.5 | 9317.1 | 9774.2 | -457.1 | 427.9 |

Regression Output:

| | | |
|---|---|---|
| Constant | | 10426.81456 |
| Std Err of Y Est | | 268.6401229 |
| R Squared | | 0.114638642 |
| No. of Observations | | 16 |
| Degrees of Freedom | | 14 |
| X Coefficient(s) | -11.7625853 | |
| Std Err of Coef. | 8.736420569 | |


ANCLOTE UNIT 2
ANOHR = -11.763*NOF + 10426.8
HEAT RATE - BTU/KWH
11000
10500
10000
9500
9000
20
30
40
50
60
70
NET OPERATING FACTOR
FPC -OCTOBER 1996 - MARCH 1997 TARGETS

FLORIDA POWER CORPORATION

CRYSTAL RIVER 1

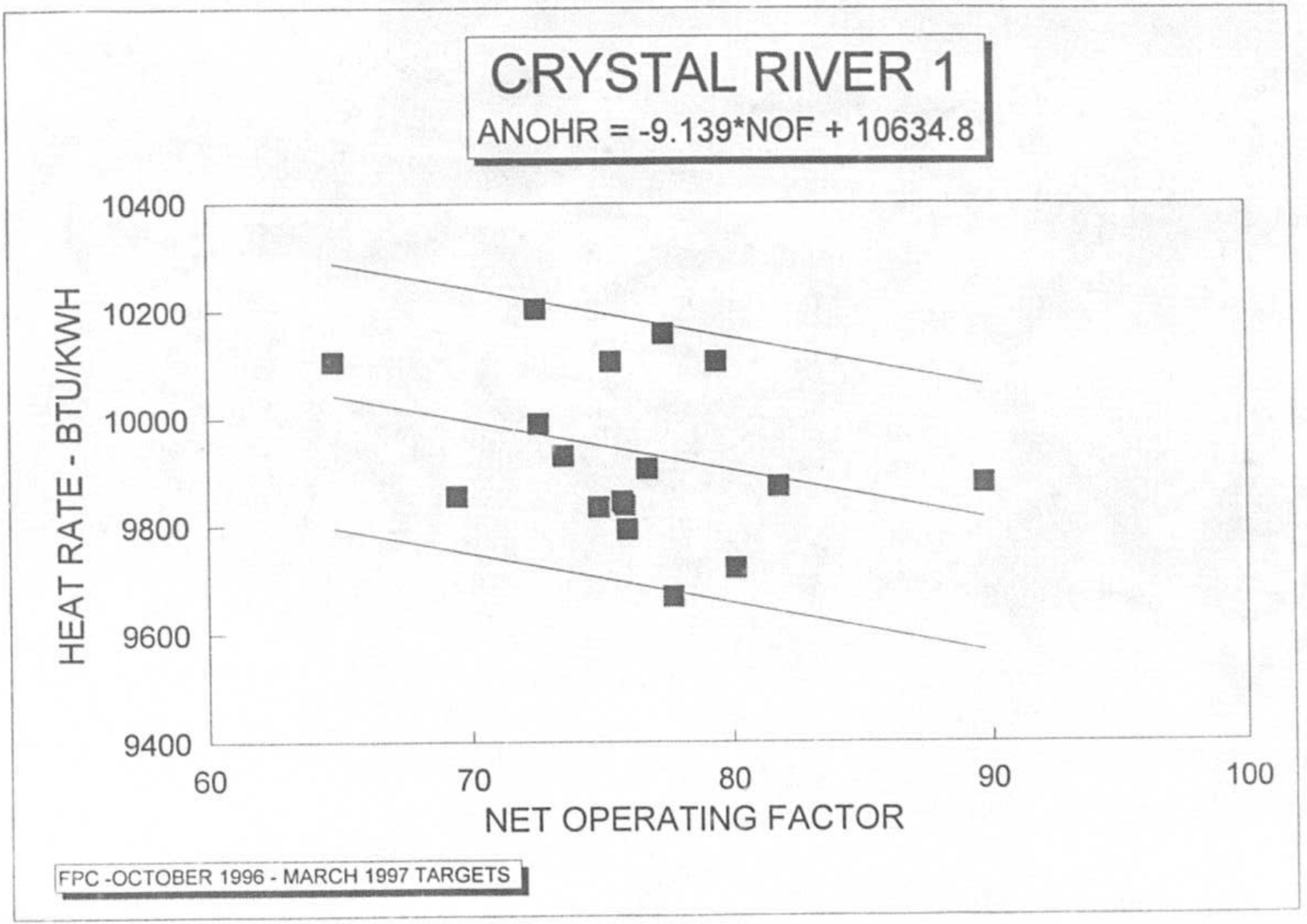
AVE. NET OPR. HEAT RATE -9.139 * NOF + 10634.80

TABLE OF RESIDUALS

| DATE | OUTPUT FACTOR | ACT MONTHLY HEATRATE | PROJECTED HEATRATE | DIFFERENCE (ACT-PROJ) | HEAT RATE RANGE @90% CONFID |
|---|---|---|---|---|---|
| Oct-93 | 79.4 | 10105.7 | 9909.2 | 196.5 | 246.6 |
| Nov-93 | 89.7 | 9878.5 | 9815.1 | 63.4 | 246.6 |
| Dec-93 | 75.9 | 9793.6 | 9941.2 | -147.6 | 246.6 |
| Jan-94 | 76.7 | 9906.1 | 9933.9 | -27.8 | 246.6 |
| Feb-94 | 73.5 | 9930.5 | 9963.1 | -32.6 | 246.6 |
| Mar-94 | 81.8 | 9873.6 | 9887.3 | -13.7 | 246.6 |
| Oct-94 | 72.5 | 10203.6 | 9972.5 | 231.2 | 246.6 |
| Nov-94 | 75.3 | 10105.9 | 9946.6 | 159.3 | 246.6 |
| Nov-94 | 75.3 | 10105.9 | 9946.6 | 159.3 | 246.6 |
| Dec-94 | 64.8 | 10105.5 | 10042.8 | 62.7 | 246.6 |
| Jan-95 | 75.8 | 9838.4 | 9942.0 | -103.6 | 246.6 |
| Feb-95 | 77.4 | 10157.4 | 9927.9 | 229.6 | 246.6 |
| Mar-95 | 72.5 | 9990.4 | 9971.8 | 18.6 | 246.6 |
| Oct-95 | 74.8 | 9835.0 | 9951.0 | -115.9 | 246.6 |
| Nov-95 | 69.5 | 9855.5 | 10000.1 | -144.6 | 246.6 |
| Dec-95 | 77.7 | 9668.5 | 9925.1 | -256.6 | 246.6 |
| Jan-96 | 80.1 | 9721.4 | 9902.6 | -181.1 | 246.6 |
| Feb-96 | 75.7 | 9845.7 | 9942.8 | -97.2 | 246.6 |

Regression Output:

| | | |
|---|---|---|
| Constant | | 10634.80133 |
| Std Err of Y Est | | 154.2691519 |
| R Squared | | 0.091059446 |
| No. of Observations | | 18 |
| Degrees of Freedom | | 16 |
| X Coefficient(s) | -9.13876467 | |
| Std Err of Coef. | 7.218263669 | |


CRYSTAL RIVER 1
ANOHR = -9.139*NOF + 10634.8
HEAT RATE - BTU/KWH
10400
10200
10000
9800
9600
9400
60
70
80
90
100
NET OPERATING FACTOR
FPC -OCTOBER 1996 - MARCH 1997 TARGETS

FLORIDA POWER CORPORATION

CRYSTAL RIVER 2

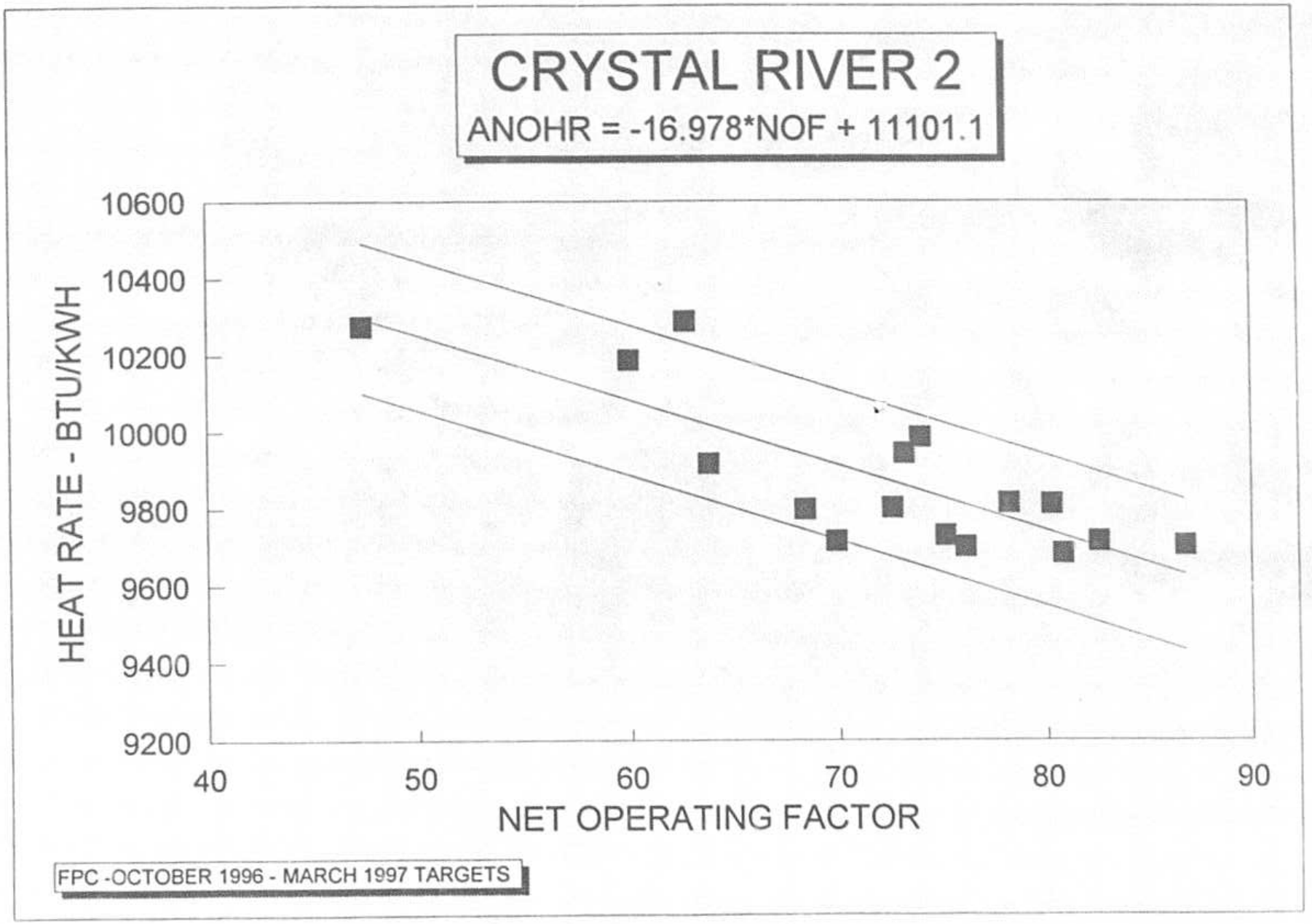
AVE. NET OPR. HEAT RATE -16.978 * NOF + 11101.14

TABLE OF RESIDUALS

| DATE | OUTPUT FACTOR | ACT MONTHLY HEATRATE | PROJECTED HEATRATE | DIFFERENCE (ACT-PROJ) | HEAT RATE RANGE @90% CONFID |
|---|---|---|---|---|---|
| Oct-93 | 62.7 | 10288.3 | 10036.6 | 251.7 | 195.8 |
| Dec-93 | 68.4 | 9797.8 | 9939.9 | -142.1 | 195.8 |
| Jan-94 | 63.8 | 9916.7 | 10017.9 | -101.2 | 195.8 |
| Feb-94 | 69.9 | 9715.1 | 9914.4 | -199.3 | 195.8 |
| Mar-94 | 72.6 | 9800.8 | 9868.5 | -67.7 | 195.8 |
| Oct-94 | 73.2 | 9942.7 | 9858.9 | 83.8 | 195.8 |
| Nov-94 | 73.9 | 9984.9 | 9846.0 | 138.9 | 195.8 |
| Dec-94 | 47.4 | 10276.1 | 10297.1 | -21.0 | 195.8 |
| Jan-95 | 76.1 | 9699.8 | 9809.0 | -109.2 | 195.8 |
| Feb-95 | 60.0 | 10186.4 | 10082.9 | 103.5 | 195.8 |
| Mar-95 | 75.1 | 9729.8 | 9825.4 | -95.6 | 195.8 |
| Oct-95 | 80.3 | 9810.8 | 9738.2 | 72.6 | 195.8 |
| Dec-95 | 78.2 | 9813.1 | 9773.3 | 39.9 | 195.8 |
| Jan-96 | 80.8 | 9683.1 | 9728.9 | -45.8 | 195.8 |
| Feb-96 | 82.6 | 9715.1 | 9699.0 | 16.1 | 195.8 |
| Mar-96 | 86.7 | 9704.0 | 9628.3 | 75.7 | 195.8 |

Regression Output:

| | | |
|---|---|---|
| Constant | | 11101.13542 |
| Std Err of Y Est | | 122.928497 |
| R Squared | | 0.66695423 |
| No. of Observations | | 16 |
| Degrees of Freedom | | 14 |
| X Coefficient(s) | -16.9778407 | |
| Std Err of Coef. | 3.206434574 | |


CRYSTAL RIVER 2
ANOHR = -16.978*NOF + 11101.1
HEAT RATE - BTU/KWH
10600
10400
10200
10000
9800
9600
9400
9200
40
50
60
70
80
90
NET OPERATING FACTOR
FPC -OCTOBER 1996 - MARCH 1997 TARGETS

FLORIDA POWER CORPORATION

CRYSTAL RIVER 3

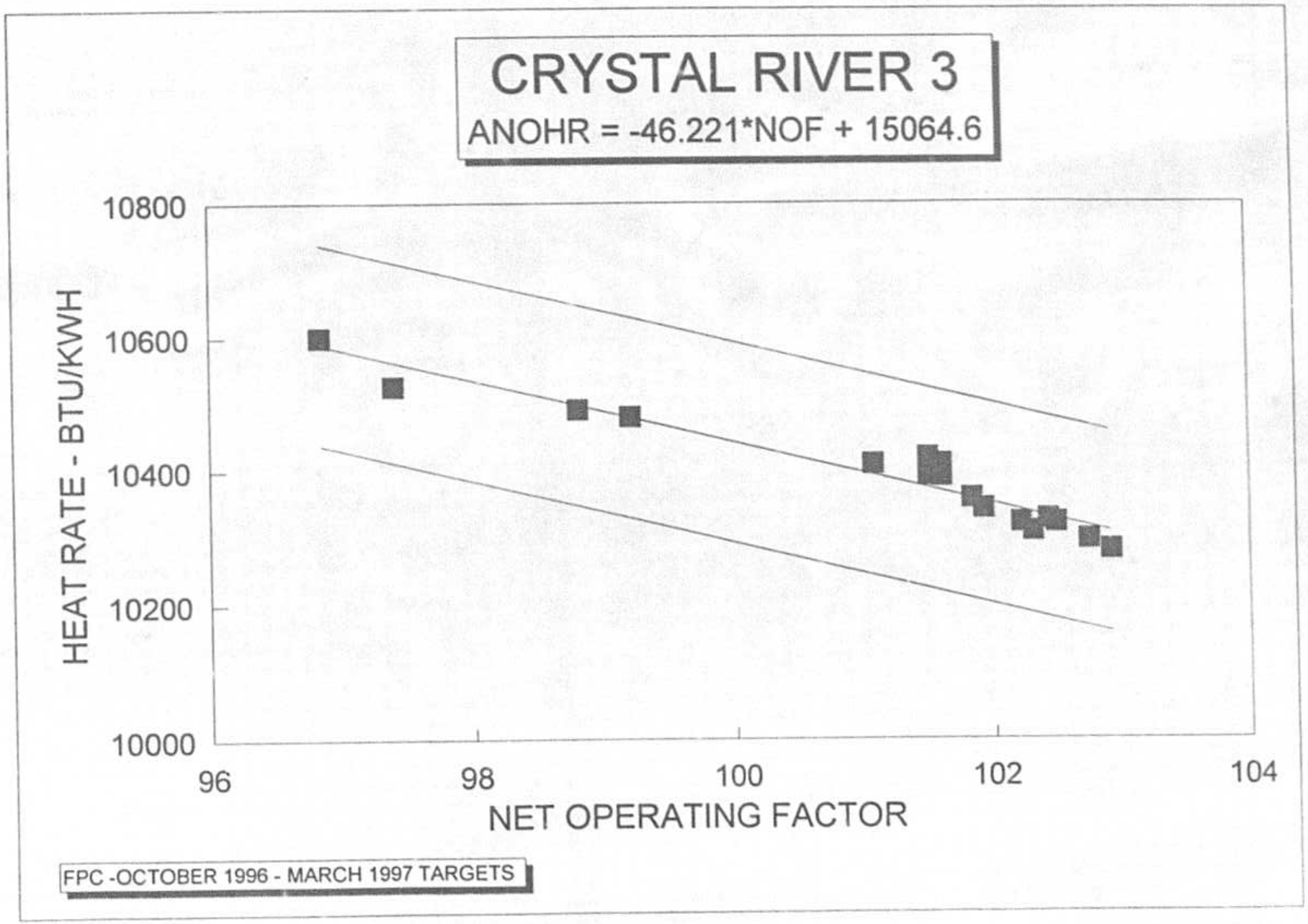
AVE. NET OPR. HEAT RATE -46.221 * NOF + 15064.57

TABLE OF RESIDUALS

| DATE | OUTPUT FACTOR | ACT MONTHLY HEATRATE | PROJECTED HEATRATE | DIFFERENCE (ACT-PROJ) | HEAT RATE RANGE @90% CONFID |
|---|---|---|---|---|---|
| Oct-93 | 97.4 | 10526.2 | 10562.6 | -36.4 | 150.0 |
| Nov-93 | 101.6 | 10409.2 | 10368.5 | 40.7 | 150.0 |
| Dec-93 | 101.5 | 10391.3 | 10373.1 | 18.2 | 150.0 |
| Jan-94 | 101.6 | 10389.9 | 10368.5 | 21.4 | 150.0 |
| Feb-94 | 101.5 | 10418.7 | 10373.1 | 45.6 | 150.0 |
| Mar-94 | 99.2 | 10480.7 | 10479.4 | 1.3 | 150.0 |
| Oct-94 | 101.8 | 10357.9 | 10357.6 | 0.3 | 150.0 |
| Nov-94 | 102.5 | 10321.6 | 10327.3 | -5.7 | 150.0 |
| Dec-94 | 101.1 | 10409.0 | 10392.8 | 16.2 | 150.0 |
| Jan-95 | 102.9 | 10281.0 | 10307.9 | -26.9 | 150.0 |
| Feb-95 | 102.4 | 10326.5 | 10330.0 | -3.5 | 150.0 |
| Mar-95 | 102.2 | 10321.5 | 10339.8 | -18.3 | 150.0 |
| Oct-95 | 98.8 | 10491.4 | 10498.2 | -6.8 | 150.0 |
| Nov-95 | 102.3 | 10308.5 | 10335.6 | -27.1 | 150.0 |
| Dec-95 | 102.7 | 10296.4 | 10315.7 | -19.4 | 150.0 |
| Jan-96 | 96.8 | 10600.0 | 10588.6 | 11.4 | 150.0 |
| Feb-96 | 101.9 | 10342.3 | 10353.4 | -11.1 | 150.0 |

Regression Output:

| | | |
|---|---|---|
| Constant | | 15064.57225 |
| Std Err of Y Est | | 23.98456958 |
| R Squared | | 0.931844161 |
| No. of Observations | | 17 |
| Degrees of Freedom | | 15 |
| X Coefficient(s) | -46.2214716 | |
| Std Err of Coef. | 3.227587534 | |


CRYSTAL RIVER 3
ANOHR = -46.221*NOF + 15064.6
HEAT RATE - BTU/KWH
10800
10600
10400
10200
10000
96
98
100
102
104
NET OPERATING FACTOR
FPC -OCTOBER 1996 - MARCH 1997 TARGETS

FLORIDA POWER CORPORATION

CRYSTAL RIVER 4

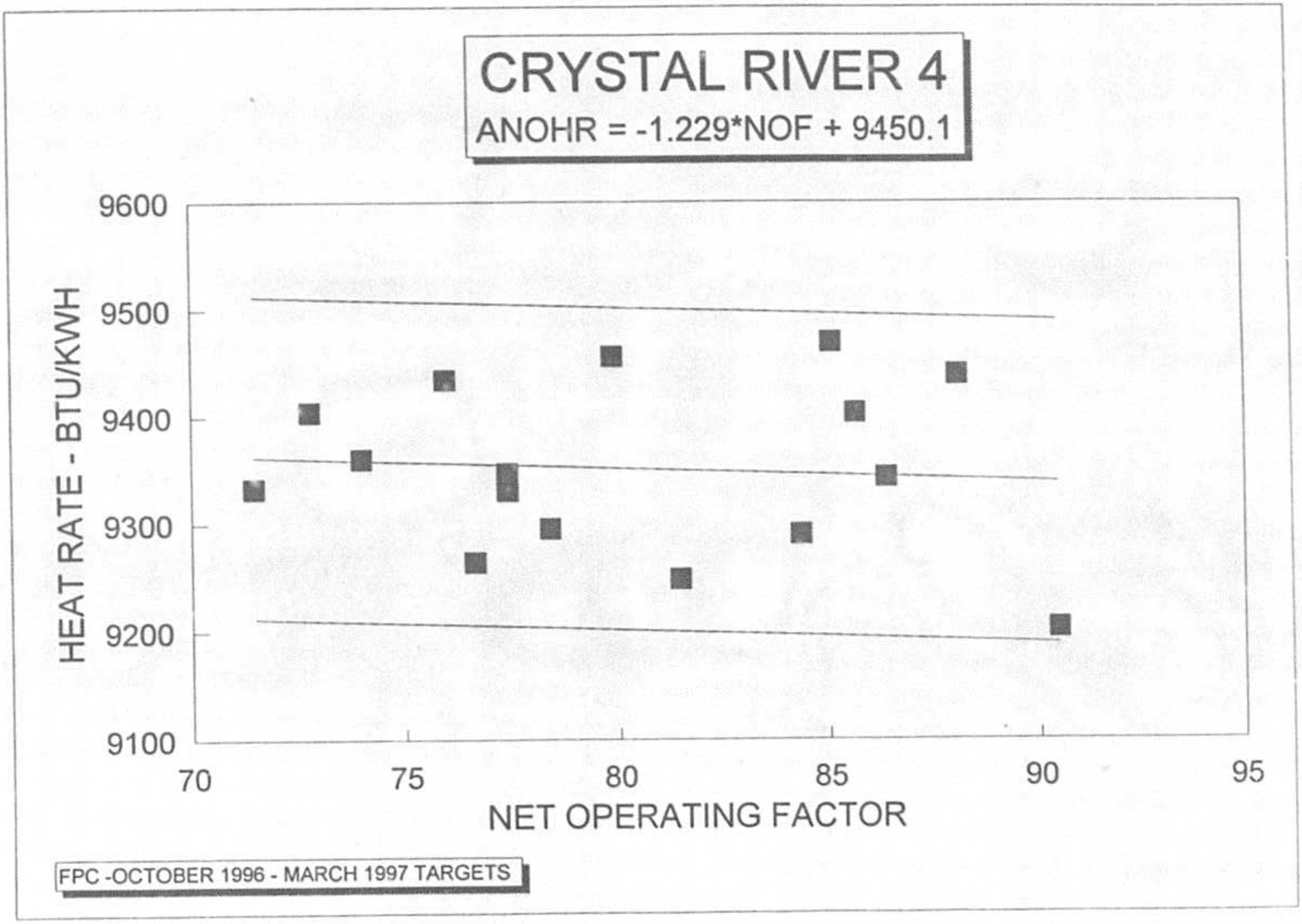
AVE. NET OPR. HEAT RATE -1.229 * NOF + 9450.10

TABLE OF RESIDUALS

| DATE | OUTPUT FACTOR | ACT MONTHLY HEATRATE | PROJECTED HEATRATE | DIFFERENCE (ACT-PROJ) | HEAT RATE RANGE +/- 150 BTU/KWH |
|---|---|---|---|---|---|
| Oct-93 | 88.1 | 9438.4 | 9341.8 | 96.6 | 150.0 |
| Jan-94 | 77.4 | 9330.9 | 9354.9 | -24.0 | 150.0 |
| Feb-94 | 77.4 | 9347.0 | 9354.9 | -7.9 | 150.0 |
| Mar-94 | 78.4 | 9295.6 | 9353.7 | -58.1 | 150.0 |
| Oct-94 | 74.0 | 9360.5 | 9359.1 | 1.4 | 150.0 |
| Nov-94 | 71.5 | 9333.1 | 9362.2 | -29.1 | 150.0 |
| Dec-94 | 72.8 | 9404.3 | 9360.6 | 43.7 | 150.0 |
| Jan-95 | 76.7 | 9264.5 | 9355.9 | -91.3 | 150.0 |
| Feb-95 | 81.5 | 9248.6 | 9349.9 | -101.3 | 150.0 |
| Mar-95 | 79.9 | 9456.4 | 9351.9 | 104.5 | 150.0 |
| Oct-95 | 86.4 | 9342.9 | 9343.9 | -1.0 | 150.0 |
| Nov-95 | 76.0 | 9434.3 | 9356.7 | 77.6 | 150.0 |
| Dec-95 | 84.4 | 9289.9 | 9346.4 | -56.5 | 150.0 |
| Jan-96 | 90.5 | 9202.7 | 9338.9 | -136.1 | 150.0 |
| Feb-96 | 85.7 | 9403.2 | 9344.8 | 58.4 | 150.0 |
| Mar-96 | 85.1 | 9468.7 | 9345.5 | 123.2 | 150.0 |

Regression Output:

| | | |
|---|---|---|
| Constant | | 9450.095811 |
| Std Err of Y Est | | 81.05805663 |
| R Squared | | 0.008109572 |
| No. of Observations | | 16 |
| Degrees of Freedom | | 14 |
| X Coefficient(s) | -1.22941007 | |
| Std Err of Coef. | 3.633838519 | |


CRYSTAL RIVER 4
ANOHR = -1.229*NOF + 9450.1
HEAT RATE - BTU/KWH
9600
9500
9400
9300
9200
9100
70
75
80
85
90
95
NET OPERATING FACTOR
FPC -OCTOBER 1996 - MARCH 1997 TARGETS

FLORIDA POWER CORPORATION

CRYSTAL RIVER 5

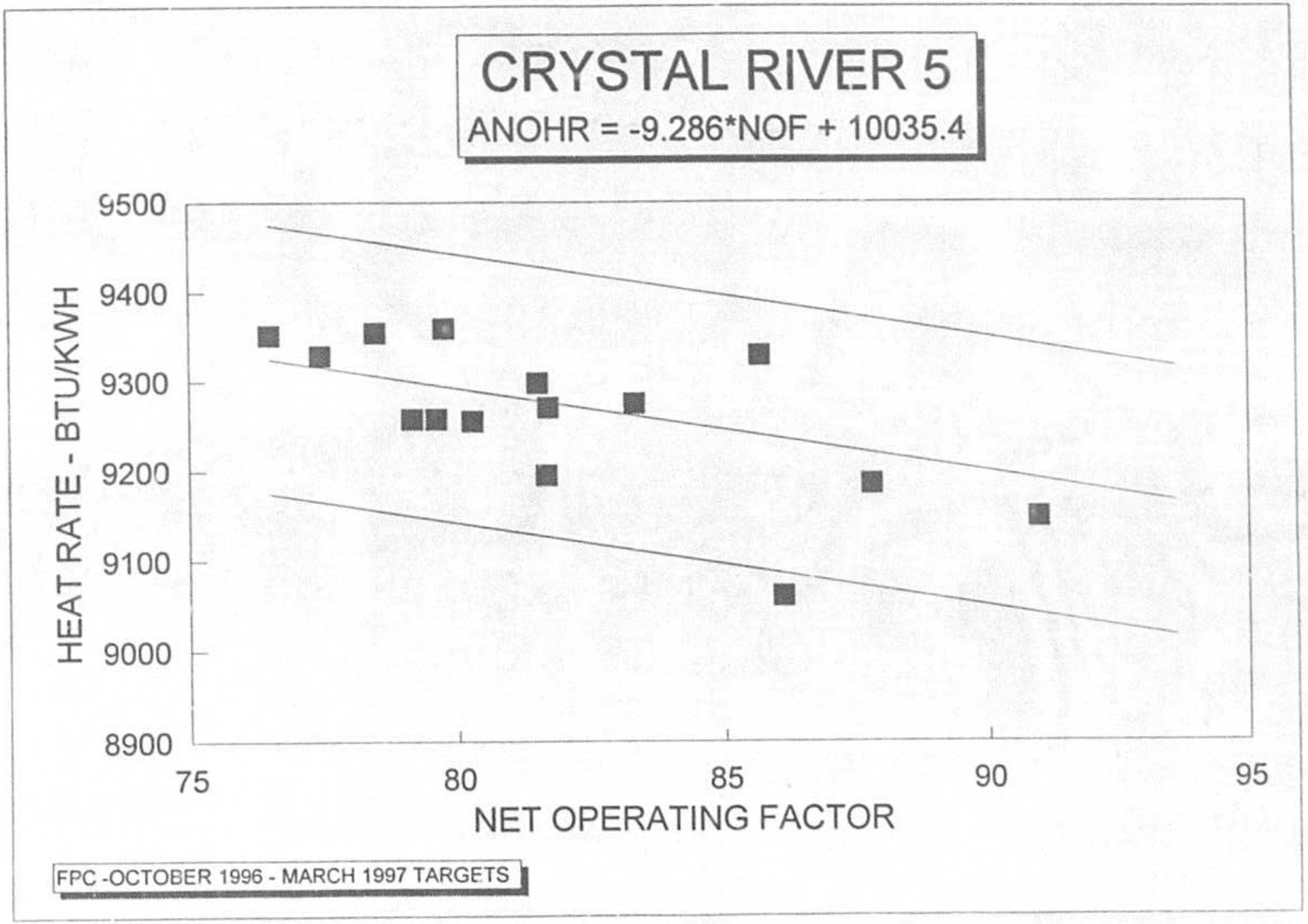
AVE. NET OPR. HEAT RATE -9.286 * NOF + 10035.37

TABLE OF RESIDUALS

| DATE | OUTPUT FACTOR | ACT MONTHLY HEATRATE | PROJECTED HEATRATE | DIFFERENCE (ACT-PROJ) | HEAT RATE RANGE +/- 150 BTU/KWH |
|---|---|---|---|---|---|
| Oct-93 | 81.7 | 9271.1 | 9276.7 | -5.6 | 150.0 |
| Nov-93 | 76.5 | 9351.7 | 9325.0 | 26.7 | 150.0 |
| Dec-93 | 86.1 | 9060.8 | 9235.9 | -175.1 | 150.0 |
| Jan-94 | 80.3 | 9256.1 | 9289.7 | -33.6 | 150.0 |
| Feb-94 | 81.5 | 9298.2 | 9278.6 | 19.6 | 150.0 |
| Mar-94 | 87.8 | 9185.4 | 9220.1 | -34.7 | 150.0 |
| Oct-94 | 77.4 | 9328.9 | 9316.2 | 12.7 | 150.0 |
| Nov-94 | 79.6 | 9258.6 | 9296.1 | -37.5 | 150.0 |
| Dec-94 | 78.5 | 9354.4 | 9306.5 | 47.9 | 150.0 |
| Jan-95 | 79.2 | 9258.3 | 9300.2 | -41.9 | 150.0 |
| Feb-95 | 81.7 | 9195.5 | 9277.1 | -81.7 | 150.0 |
| Oct-95 | 85.7 | 9328.7 | 9239.7 | 89.0 | 150.0 |
| Nov-95 | 79.8 | 9359.6 | 9294.7 | 64.9 | 150.0 |
| Dec-95 | 83.3 | 9275.6 | 9261.7 | 13.9 | 150.0 |
| Jan-96 | 91.0 | 9148.5 | 9190.7 | -42.2 | 150.0 |
| Feb-96 | 84.7 | 9347.7 | 9248.4 | 99.3 | 150.0 |
| Mar-96 | 93.6 | 9244.3 | 9166.0 | 78.3 | 150.0 |

Regression Output:

| | | |
|---|---|---|
| Constant | | 10035.37194 |
| Std Err of Y Est | | 71.41640983 |
| R Squared | | 0.289742794 |
| No. of Observations | | 17 |
| Degrees of Freedom | | 15 |
| X Coefficient(s) | -9.28560017 | |
| Std Err of Coef. | 3.75375438 | |


CRYSTAL RIVER 5
ANOHR = -9.286*NOF + 10035.4
HEAT RATE - BTU/KWH
9500
9400
9300
9200
9100
9000
8900
75
80
85
90
95
NET OPERATING FACTOR
FPC -OCTOBER 1996 - MARCH 1997 TARGETS

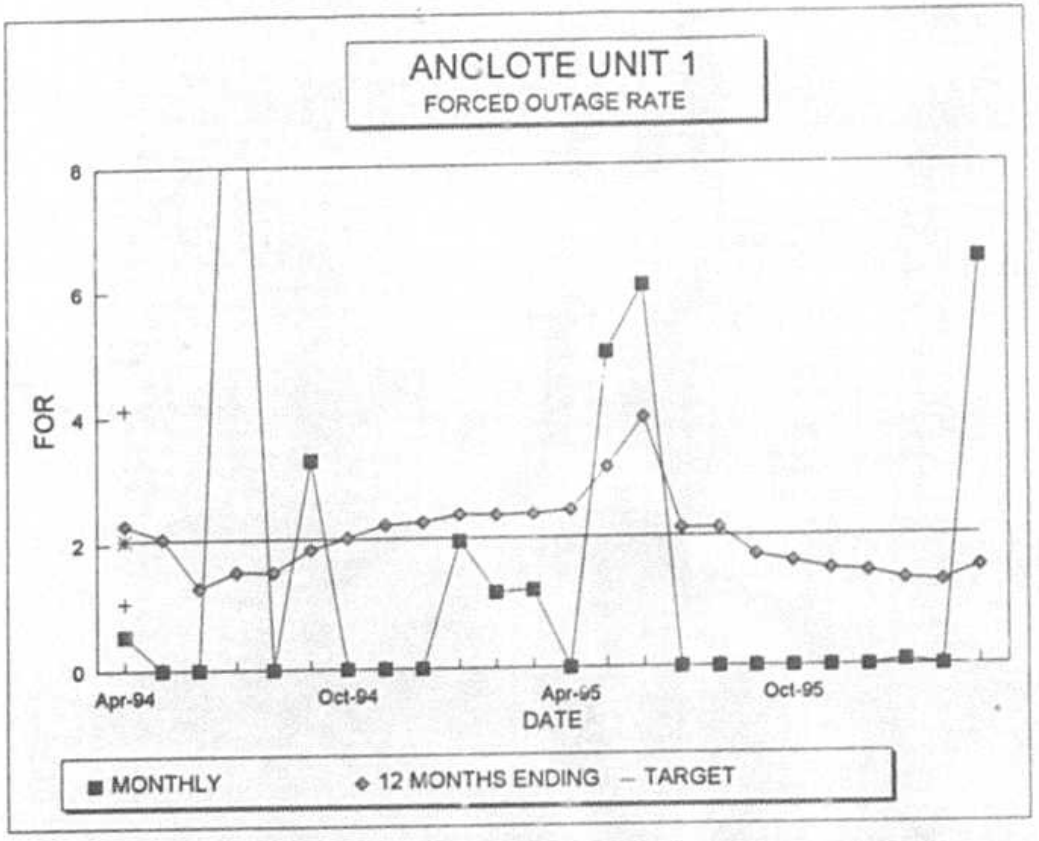
# UNPLANNED OUTAGE RATE

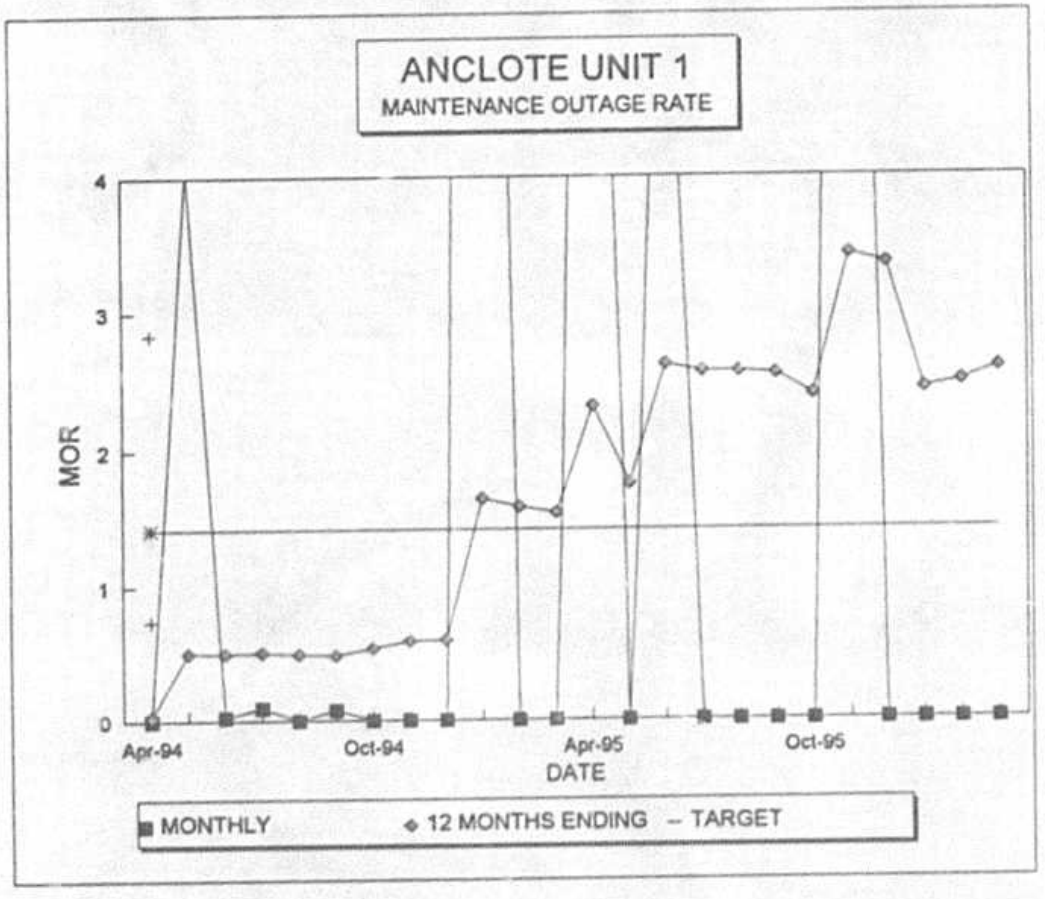
# TABLES AND GRAPHS

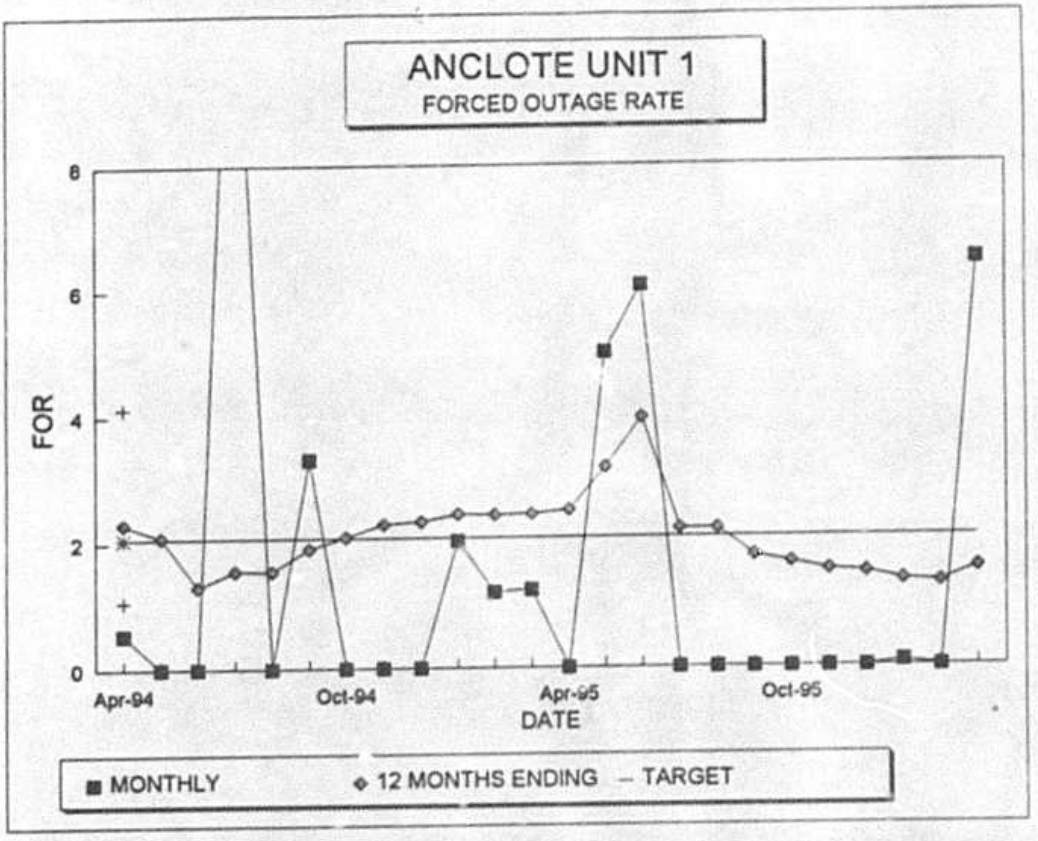
UNIT UNAVAILABLE OUTAGE RATE SUMMARY

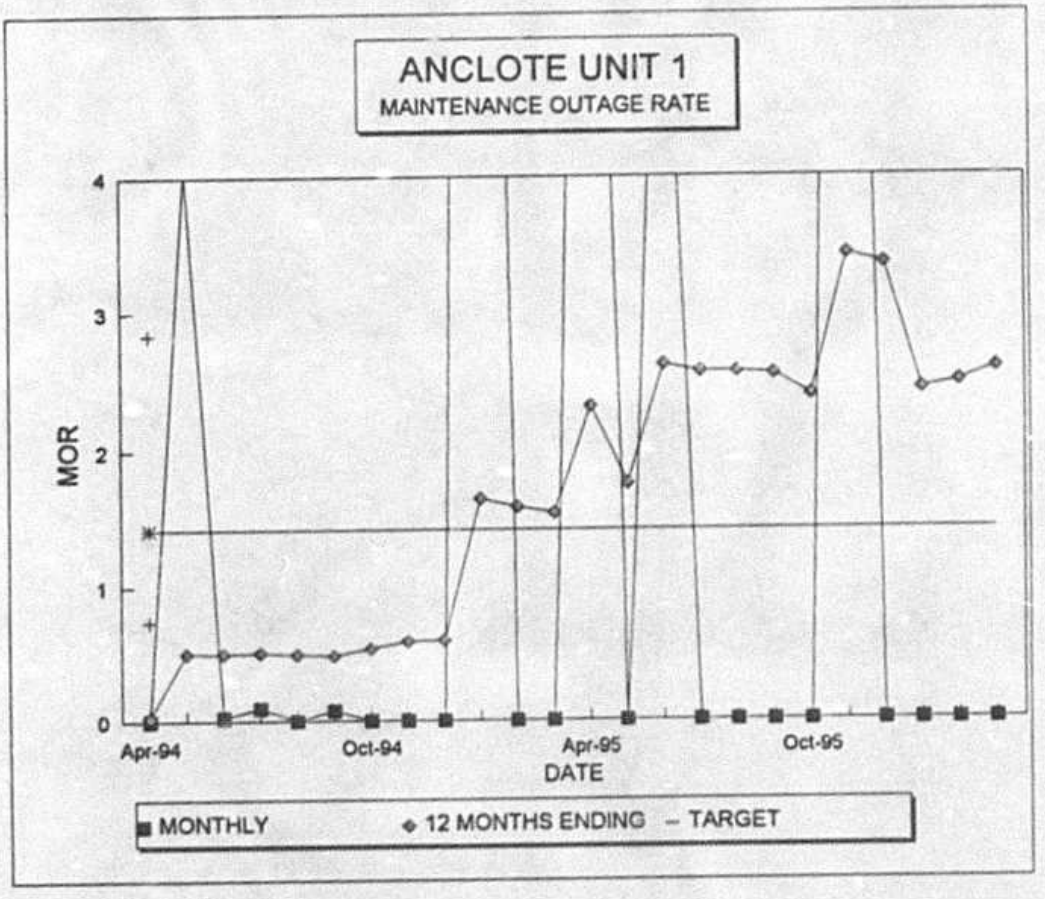
Company: Florida Power Corporation
Period of: Oct. 1996 - Mar. 1997

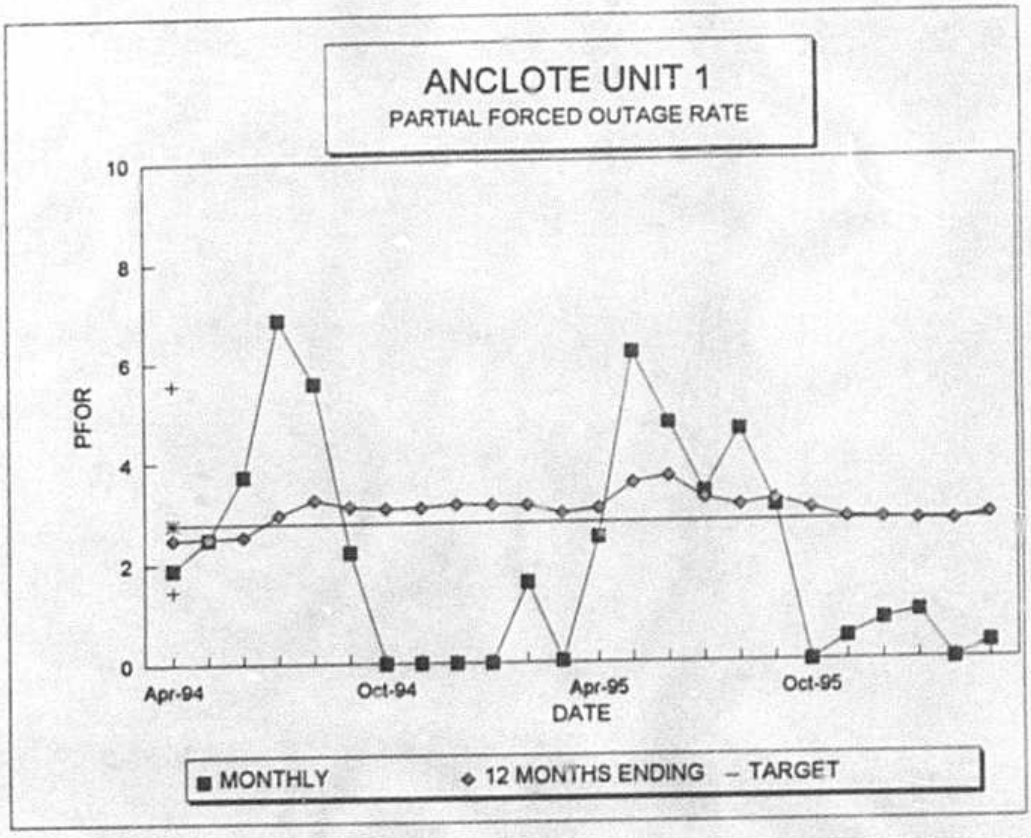
| UNIT | RATE | LOW RANGE | HIGH RANGE | TARGET |
|---|---|---|---|---|
| Anclote 1 | FOR | 1.08 | 4.13 | 2.06 |
| | MOR | 0.75 | 2.84 | 1.42 |
| | EFOR | 1.46 | 5.55 | 2.77 |
| | EMOR | 0.00 | 0.00 | 0.00 |
| | EUOR | 3.24 | 11.91 | 6.10 |
| | EUOF | 2.07 | 7.60 | 3.90 |
| Anclote 2 | FOR | 0.26 | 1.01 | 0.50 |
| | MOR | 0.62 | 2.38 | 1.19 |
| | EFOR | 2.04 | 7.77 | 3.89 |
| | EMOR | 0.00 | 0.00 | 0.00 |
| | EUOR | 2.91 | 10.85 | 5.50 |
| | EUOF | 1.34 | 4.99 | 2.53 |
| Crystal River 1 | FOR | 1.00 | 3.80 | 1.90 |
| | MOR | 1.50 | 5.72 | 2.86 |
| | EFOR | 2.38 | 9.06 | 4.53 |
| | EMOR | 0.00 | 0.00 | 0.00 |
| | EUOR | 4.79 | 17.34 | 8.97 |
| | EUOF | 3.66 | 13.27 | 6.87 |
| Crystal River 2 | FOR | 2.68 | 10.22 | 5.11 |
| | MOR | 4.73 | 18.02 | 9.01 |
| | EFOR | 1.96 | 10.17 | 3.74 |
| | EMOR | 0.00 | 0.00 | 0.00 |
| | EUOR | 8.99 | 32.64 | 16.50 |
| | EUOF | 7.02 | 25.51 | 12.89 |
| Crystal River 3 | FOR | 1.28 | 4.88 | 2.44 |
| | MOR | 0.16 | 0.60 | 0.30 |
| | EFOR | 0.60 | 2.27 | 1.14 |
| | EMOR | 0.00 | 0.00 | 0.00 |
| | EUOR | 2.02 | 7.58 | 3.83 |
| | EUOF | 2.02 | 7.58 | 3.83 |
| Crystal River 4 | FOR | 0.49 | 1.85 | 0.93 |
| | MOR | 0.68 | 2.60 | 1.30 |
| | EFOR | 1.27 | 4.84 | 2.42 |
| | EMOR | 0.02 | 0.06 | 0.03 |
| | EUOR | 2.43 | 9.05 | 4.60 |
| | EUOF | 2.43 | 9.05 | 4.60 |
| Crystal River 5 | FOR | 0.88 | 3.35 | 1.68 |
| | MOR | 0.37 | 1.41 | 0.71 |
| | EFOR | 0.96 | 3.66 | 1.83 |
| | EMOR | 0.01 | 0.05 | 0.02 |
| | EUOR | 2.21 | 8.21 | 4.17 |
| | EUOF | 1.88 | 7.00 | 3.56 |

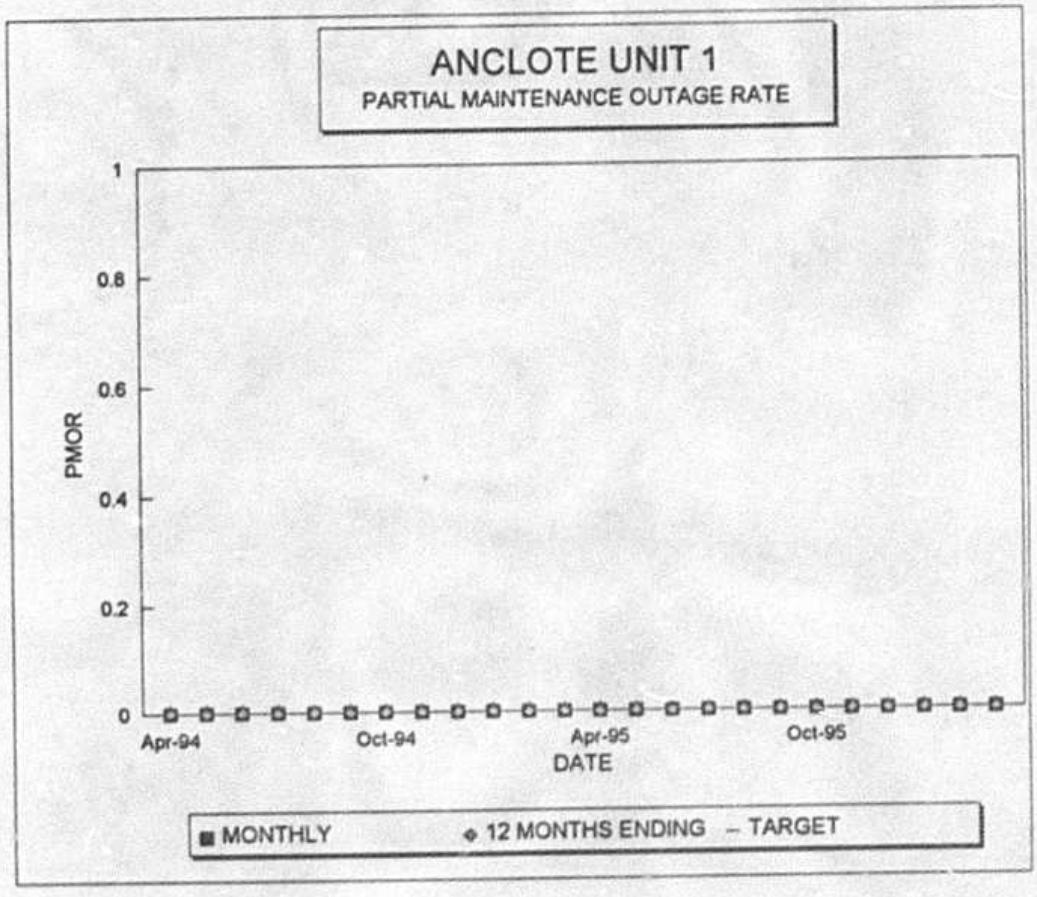

ANCLOTE UNIT 1
FORCED OUTAGE RATE
FOR
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

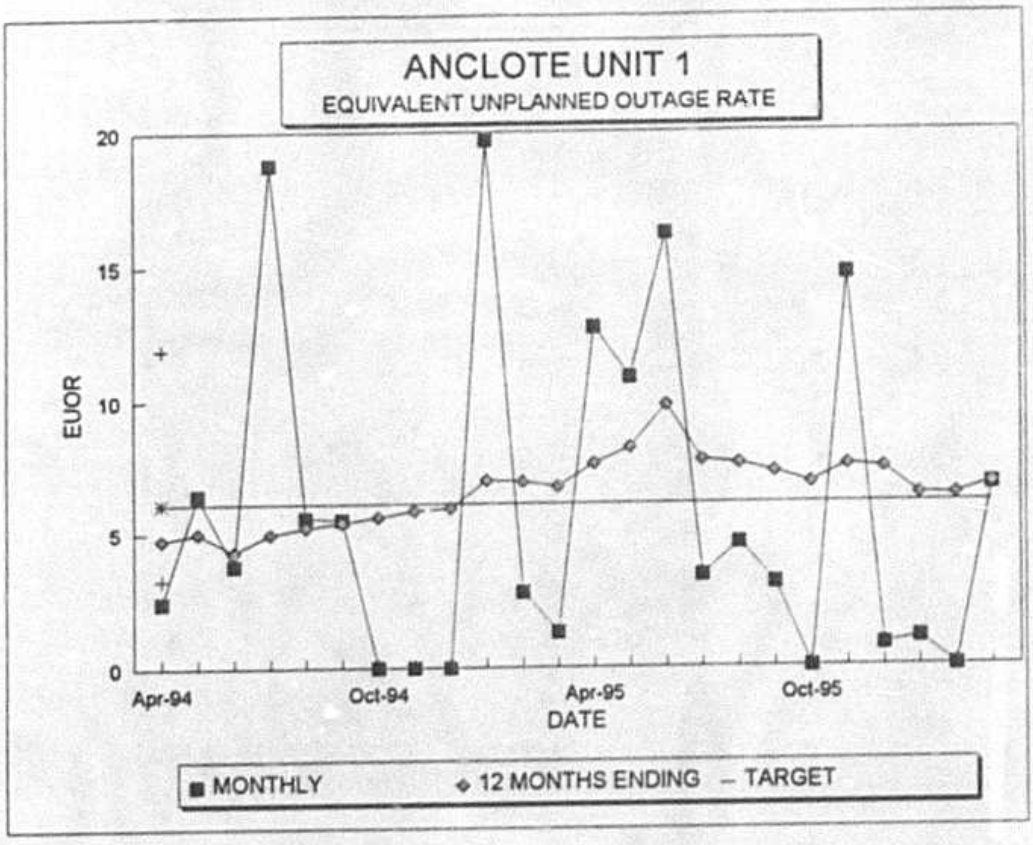

ANCLOTE UNIT 1
MAINTENANCE OUTAGE RATE
MOR
4
3
2
1
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

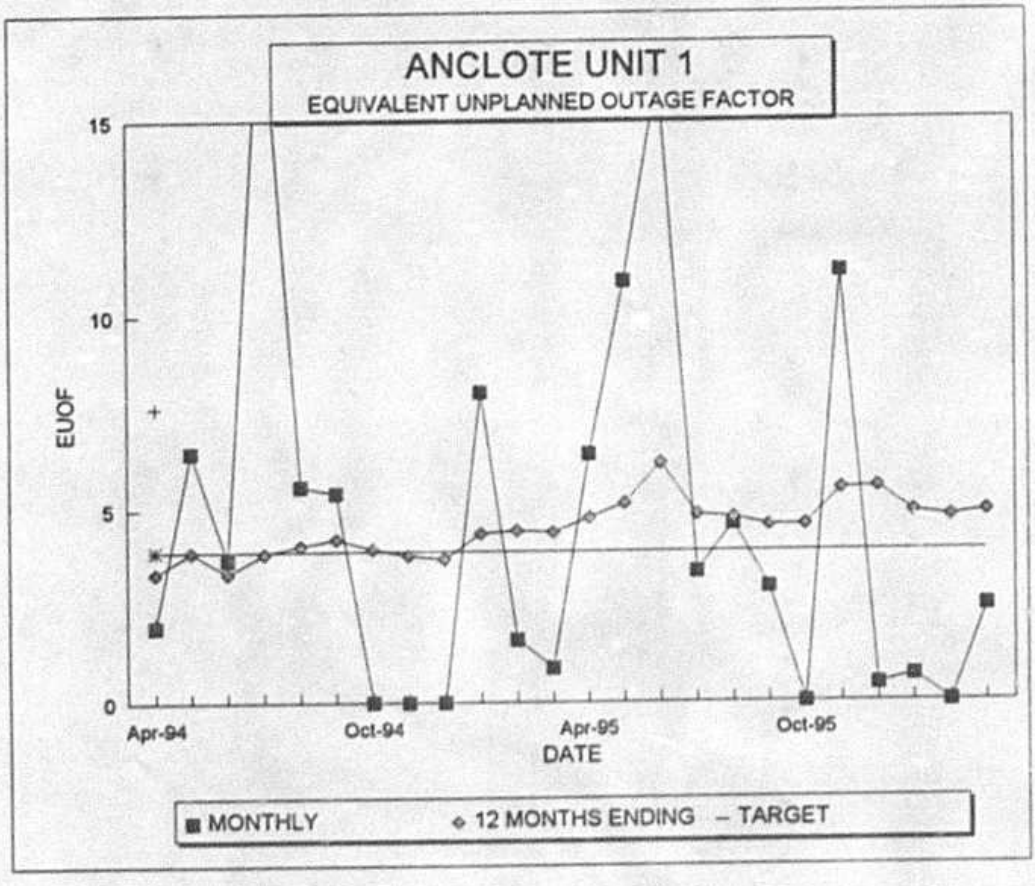

ANCLOTE UNIT 1
FORCED OUTAGE RATE
FOR
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


ANCLOTE UNIT 1
MAINTENANCE OUTAGE RATE
MOR
4
3
2
1
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


ANCLOTE UNIT 1
PARTIAL FORCED OUTAGE RATE
PFOR
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


ANCLOTE UNIT 1
PARTIAL MAINTENANCE OUTAGE RATE
PMOR
1
0.8
0.6
0.4
0.2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


ANCLOTE UNIT 1
EQUIVALENT UNPLANNED OUTAGE RATE
EUOR
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


ANCLOTE UNIT 1
EQUIVALENT UNPLANNED OUTAGE FACTOR
EUOF
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

ANCLOTE
UNIT 1

| | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 530 | 744 | 559 | 679 | 719 | 744 | 720 | 744 | 744 | 720 |
| SER HOURS | 551.9 | 132.3 | 625 | 664 | 742.2 | 685.2 | 605.7 | 502.3 | 378.1 | 283.8 | 185.7 | 359.5 | 576.6 | 713.7 | 706 | 649.1 | 744 | 684.6 |
| RSH | 0 | 149.5 | 44.9 | 1.8 | 0 | 33.8 | 138.9 | 217.7 | 151.9 | 460.2 | 373.3 | 317.5 | 0 | 0 | 13.8 | 0 | 0 | 9.1 |
| UH | 167.1 | 462.2 | 50.1 | 78.2 | 1.8 | 1 | 0.4 | 0 | 0 | 0 | 0 | 2 | 142.4 | 30.3 | 0.2 | 94.9 | 0 | 26.3 |
| POH | 167.1 | 462.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139.2 | 0 | 0 | 0 | 0 | 2.4 |
| FOH | 0 | 0 | 50.1 | 78.2 | 0.9 | 0 | 0.4 | 0 | 0 | 0 | 0 | 2 | 3.2 | 0 | 0 | 94.3 | 0 | 23.4 |
| MOH | 0 | 0 | 0 | 0 | 0.9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.3 | 0.2 | 0.6 | 0 | 0.5 |
| PFOH | 35.7 | 6.5 | 63.7 | 45.2 | 67.9 | 303.3 | 62.9 | 45.8 | 0 | 5.7 | 0 | 14 | 32.8 | 52.9 | 71.4 | 134.4 | 116.4 | 38.3 |
| LRPF | 169.4 | 169.7 | 178.9 | 203.2 | 169.7 | 40.1 | 169.683 | 169.683 | 0 | 169.683 | 0 | 169.683 | 169.683 | 171.066 | 188.515 | 169.683 | 182.069 | 201.256 |
| EFOH | 11.8348 | 2.15861 | 22.3012 | 17.9739 | 22.5492 | 23.801 | 20.8866 | 15.2084 | 0 | 1.89275 | 0 | 4.64885 | 10.8916 | 17.7092 | 26.3405 | 44.629 | 41.4733 | 15.0844 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 |

| MONTHLY | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 0.00 | 7.42 | 10.54 | 0.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.55 | 0.55 | 0.00 | 0.00 | 12.68 | 0.00 | 3.31 |
| MOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.07 | 0.03 | 0.09 | 0.00 | 0.07 |
| PFOR | 2.14 | 1.63 | 3.57 | 2.71 | 3.04 | 3.47 | 3.45 | 3.03 | 0.00 | 0.67 | 0.00 | 1.29 | 1.89 | 2.48 | 3.73 | 6.88 | 5.57 | 2.20 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 2.14 | 1.63 | 10.72 | 12.96 | 3.27 | 3.61 | 3.51 | 3.03 | 0.00 | 0.67 | 0.00 | 1.84 | 2.43 | 6.45 | 3.76 | 18.75 | 5.57 | 5.50 |
| EUOF | 1.65 | 0.29 | 10.06 | 12.93 | 3.27 | 3.44 | 2.86 | 2.11 | 0.00 | 0.25 | 0.00 | 0.98 | 1.96 | 6.45 | 3.69 | 18.75 | 5.57 | 5.41 |
| POF | 23.24 | 62.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 |
| EAF | 75.11 | 37.59 | 89.94 | 87.07 | 96.73 | 96.56 | 97.14 | 97.89 | 100.00 | 99.75 | 100.00 | 99.02 | 78.68 | 93.55 | 96.31 | 81.25 | 94.43 | 94.25 |

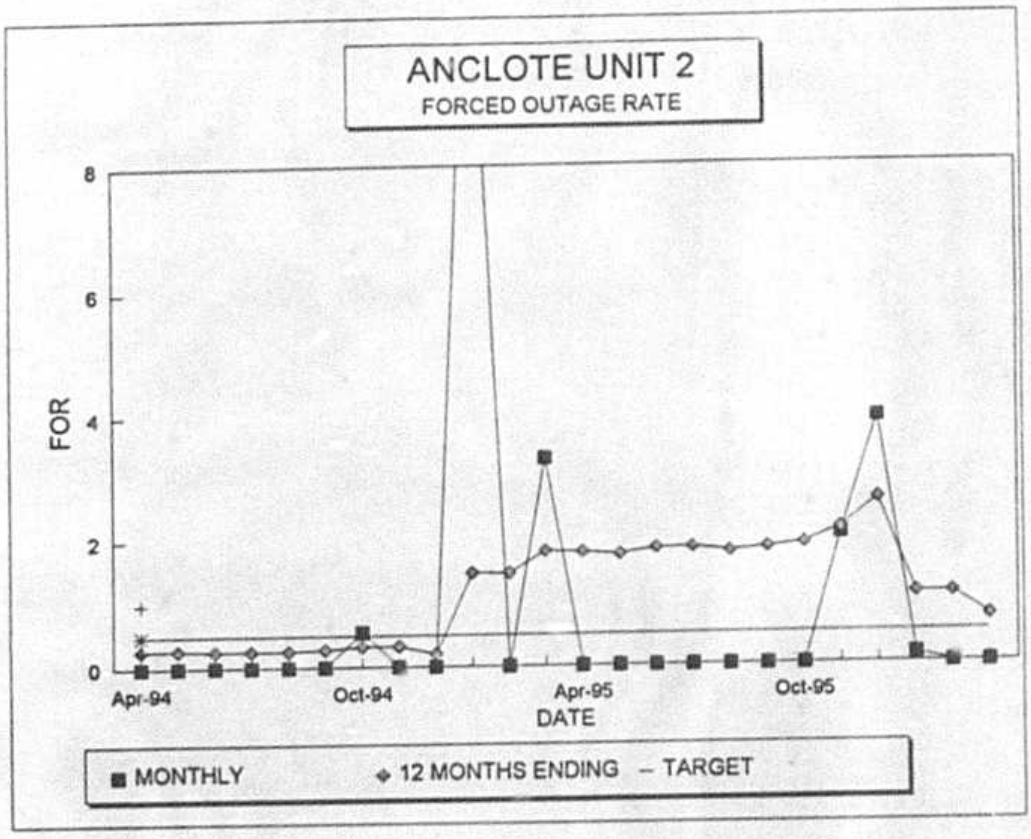
| 12 MONTHS | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.17 | 0.19 | 0.99 | 2.24 | 2.06 | 2.08 | 2.11 | 2.19 | 2.19 | 2.10 | 2.10 | 2.25 | 2.29 | 2.09 | 1.31 | 1.55 | 1.54 | 1.89 |
| MOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.51 | 0.50 | 0.51 | 0.50 | 0.49 |
| PFOR | 4.09 | 4.07 | 3.81 | 3.47 | 3.34 | 3.17 | 3.28 | 3.22 | 2.90 | 2.81 | 2.81 | 2.51 | 2.48 | 2.50 | 2.53 | 2.95 | 3.25 | 3.11 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 4.25 | 4.25 | 4.76 | 5.63 | 5.35 | 5.21 | 5.35 | 5.37 | 5.05 | 4.88 | 4.88 | 4.73 | 4.75 | 5.01 | 4.28 | 4.94 | 5.27 | 5.40 |
| EUOF | 3.34 | 3.06 | 3.41 | 4.03 | 3.83 | 3.71 | 3.76 | 3.64 | 3.51 | 3.53 | 3.58 | 3.31 | 3.33 | 3.88 | 3.33 | 3.85 | 4.06 | 4.23 |
| POF | 1.91 | 7.20 | 7.20 | 7.20 | 7.20 | 7.20 | 7.20 | 7.20 | 7.38 | 7.38 | 7.48 | 7.52 | 7.19 | 1.66 | 1.66 | 1.66 | 1.66 | 1.69 |
| EAF | 94.75 | 89.74 | 89.40 | 88.77 | 88.98 | 89.09 | 89.05 | 89.17 | 89.11 | 89.09 | 88.94 | 89.17 | 89.48 | 94.45 | 95.00 | 94.48 | 94.28 | 94.08 |

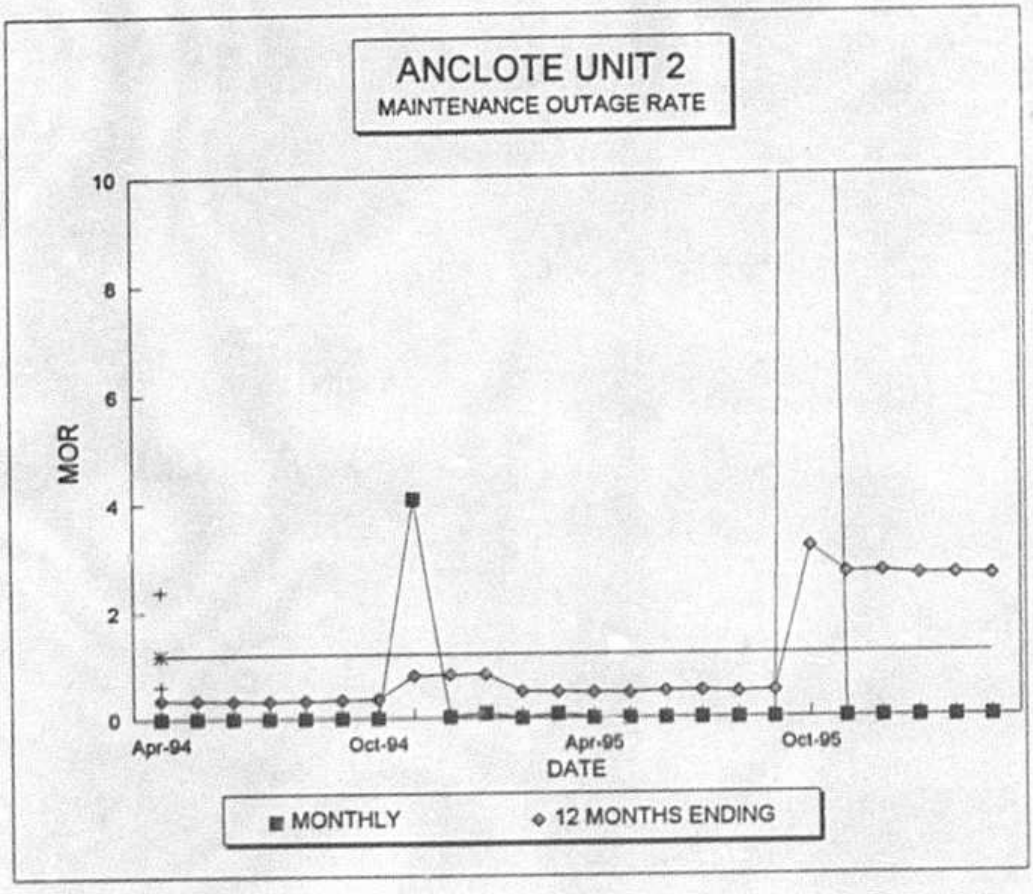
ANCLOTE
UNIT 1

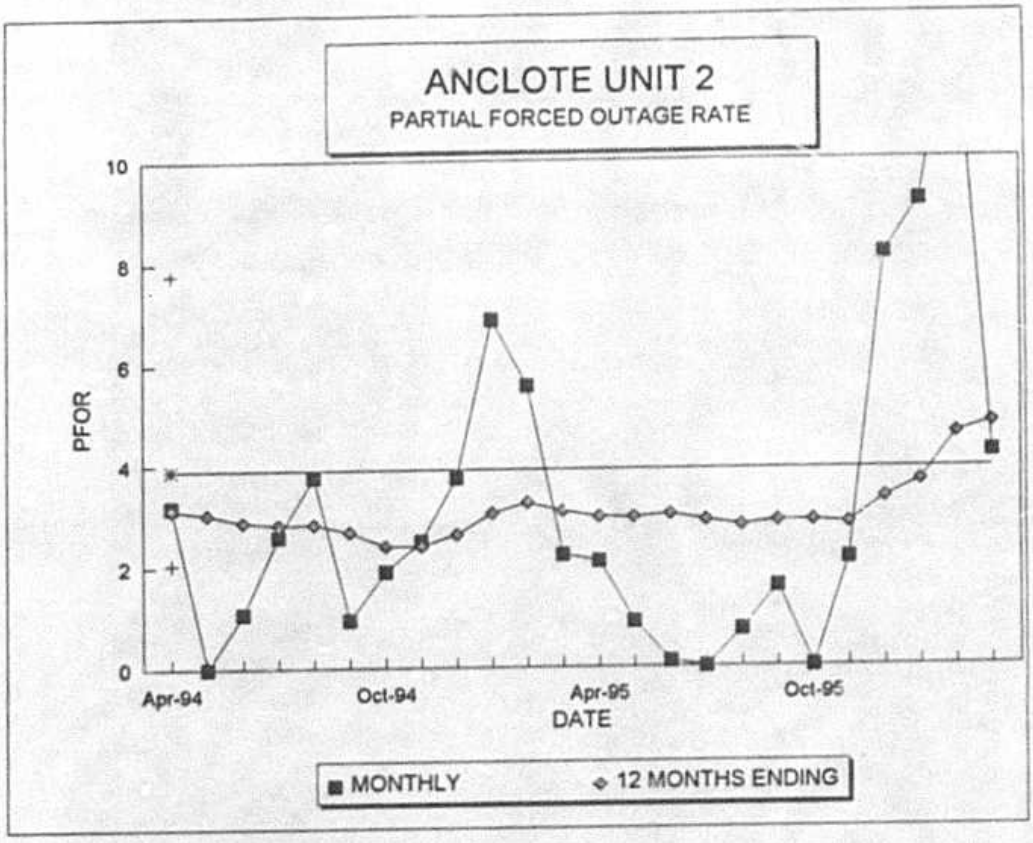
| | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 696 | 744 |
| SER HOURS | 0 | 0 | 282.3 | 243.4 | 385.3 | 507.6 | 323.7 | 706.9 | 632.1 | 744 | 744 | 695.6 | 346 | 468.2 | 412.7 | 482.7 | 242.9 | 253.5 |
| RSH | 0 | 0 | 26.7 | 441 | 282 | 230 | 357.4 | 0 | 2 | 0 | 0 | 0 | 63.3 | 174.1 | 331.3 | 260.9 | 201.7 | 34 |
| UH | 745 | 720 | 435 | 59.6 | 4.7 | 6.4 | 37.9 | 37.1 | 85.9 | 0 | 0 | 24.4 | 335.7 | 77.7 | 0 | 0.4 | 251.4 | 456.5 |
| POH | 745 | 720 | 435 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.4 | 335.7 | 0 | 0 | 0 | 251.4 | 439 |
| FOH | 0 | 0 | 0 | 5 | 4.7 | 6.4 | 0 | 37.1 | 40.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 | 17.5 |
| MOH | 0 | 0 | 0 | 54.6 | 0 | 0 | 37.9 | 0 | 45.1 | 0 | 0 | 0 | 0 | 77.7 | 0 | 0 | 0 | 0 |
| PFOH | 0 | 0 | 0 | 7E-17 | 18.6 | 0.4 | 77.5 | 105.8 | 80.8 | 76 | 111 | 65.6 | 8E-17 | 6.4 | 9.9 | 14.5 | 8.0E-17 | 2.8 |
| LRPF | 0 | 0 | 0 | 0 | 167.691 | 218.443 | 52.8868 | 210.999 | 189.561 | 168.048 | 157.744 | 166.19 | 0 | 169.683 | 169.6832 | 161.9489 | 0 | 167.0448 |
| EFOH | 0 | 0 | 0 | 0 | 6.10382 | 0.17099 | 8.02099 | 43.6863 | 29.9737 | 24.9935 | 34.2653 | 21.3347 | 0 | 2.12519 | 3.287405 | 4.59542 | 0 | 0.805725 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 |

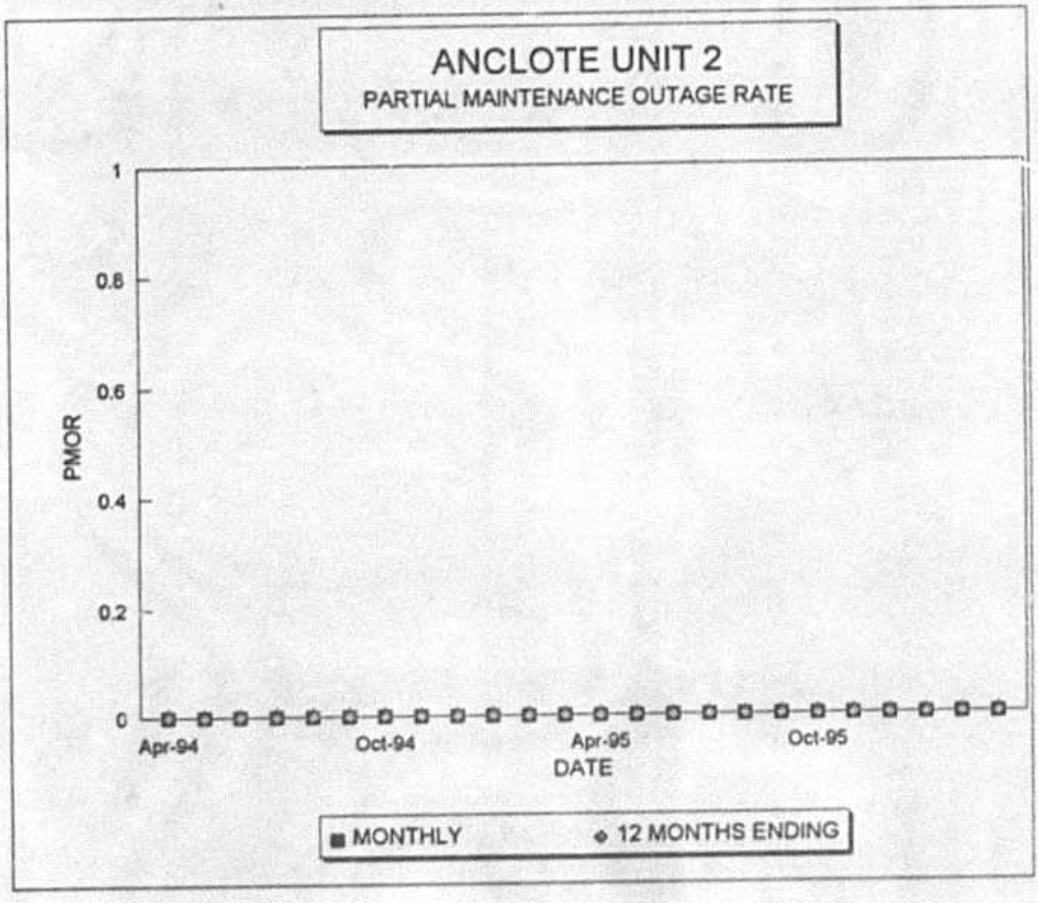
| MONTHLY | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 0.00 | 0.00 | 2.01 | 1.21 | 1.25 | 0.00 | 4.99 | 6.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 6.46 |
| MOR | 0.00 | 0.00 | 0.00 | 18.32 | 0.00 | 0.00 | 10.48 | 0.00 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 14.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| PFOR | 0.00 | 0.00 | 0.00 | 0.00 | 1.58 | 0.03 | 2.48 | 6.18 | 4.74 | 3.36 | 4.61 | 3.07 | 0.00 | 0.45 | 0.80 | 0.95 | 0.00 | 0.32 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 0.00 | 0.00 | 0.00 | 19.67 | 2.77 | 1.28 | 12.70 | 10.86 | 16.14 | 3.36 | 4.61 | 3.07 | 0.00 | 14.62 | 0.80 | 1.03 | 0.00 | 6.75 |
| EUOF | 0.00 | 0.00 | 0.00 | 8.01 | 1.61 | 0.88 | 6.39 | 10.86 | 16.09 | 3.36 | 4.61 | 2.96 | 0.00 | 11.09 | 0.44 | 0.67 | 0.00 | 2.46 |
| POF | 100.00 | 100.00 | 58.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.39 | 45.06 | 0.00 | 0.00 | 0.00 | 36.12 | 59.01 |
| EAF | 0.00 | 0.00 | 41.53 | 91.99 | 98.39 | 99.12 | 93.61 | 89.14 | 83.91 | 96.64 | 95.39 | 93.65 | 54.94 | 88.91 | 99.56 | 99.33 | 63.88 | 38.53 |

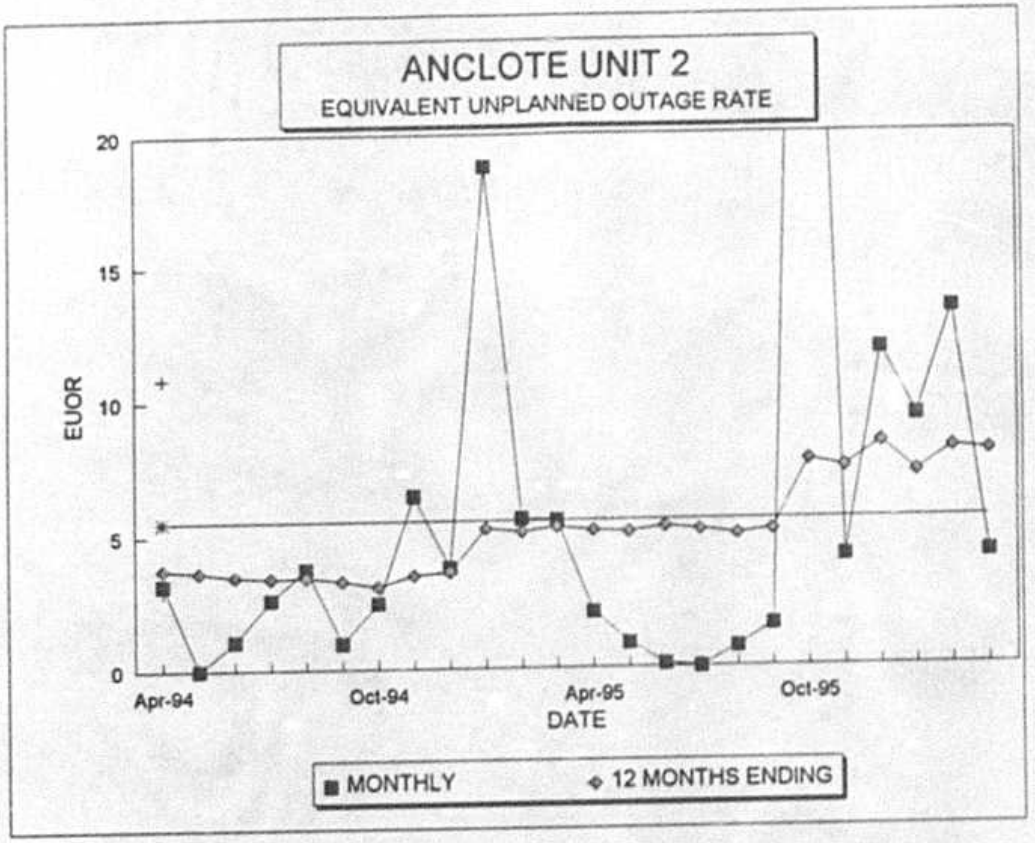
| 12 MONTHS | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 2.08 | 2.27 | 2.32 | 2.43 | 2.42 | 2.43 | 2.49 | 3.16 | 3.94 | 2.19 | 2.19 | 1.75 | 1.65 | 1.52 | 1.49 | 1.37 | 1.33 | 1.56 |
| MOR | 0.54 | 0.59 | 0.61 | 1.65 | 1.59 | 1.55 | 2.31 | 1.76 | 2.62 | 2.56 | 2.56 | 2.55 | 2.39 | 3.42 | 3.35 | 2.43 | 2.48 | 2.59 |
| PFOR | 3.08 | 3.08 | 3.14 | 3.12 | 3.12 | 2.96 | 3.04 | 3.55 | 3.67 | 3.23 | 3.09 | 3.20 | 3.00 | 2.81 | 2.80 | 2.77 | 2.73 | 2.86 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 5.60 | 5.84 | 5.94 | 7.00 | 6.93 | 6.75 | 7.59 | 8.19 | 9.79 | 7.71 | 7.58 | 7.28 | 6.85 | 7.51 | 7.41 | 6.40 | 6.38 | 6.81 |
| EUOF | 3.97 | 3.79 | 3.70 | 4.37 | 4.44 | 4.40 | 4.77 | 5.14 | 6.16 | 4.85 | 4.77 | 4.57 | 4.57 | 5.48 | 5.52 | 4.89 | 4.76 | 4.89 |
| POF | 10.60 | 19.20 | 23.79 | 23.79 | 23.48 | 23.31 | 21.72 | 21.72 | 21.72 | 21.72 | 21.72 | 21.97 | 17.30 | 9.08 | 4.11 | 4.11 | 6.96 | 11.96 |
| EAF | 85.43 | 77.01 | 72.51 | 71.84 | 72.08 | 72.29 | 73.52 | 73.14 | 72.12 | 73.43 | 73.51 | 73.46 | 78.14 | 85.44 | 90.37 | 91.00 | 88.28 | 83.15 |

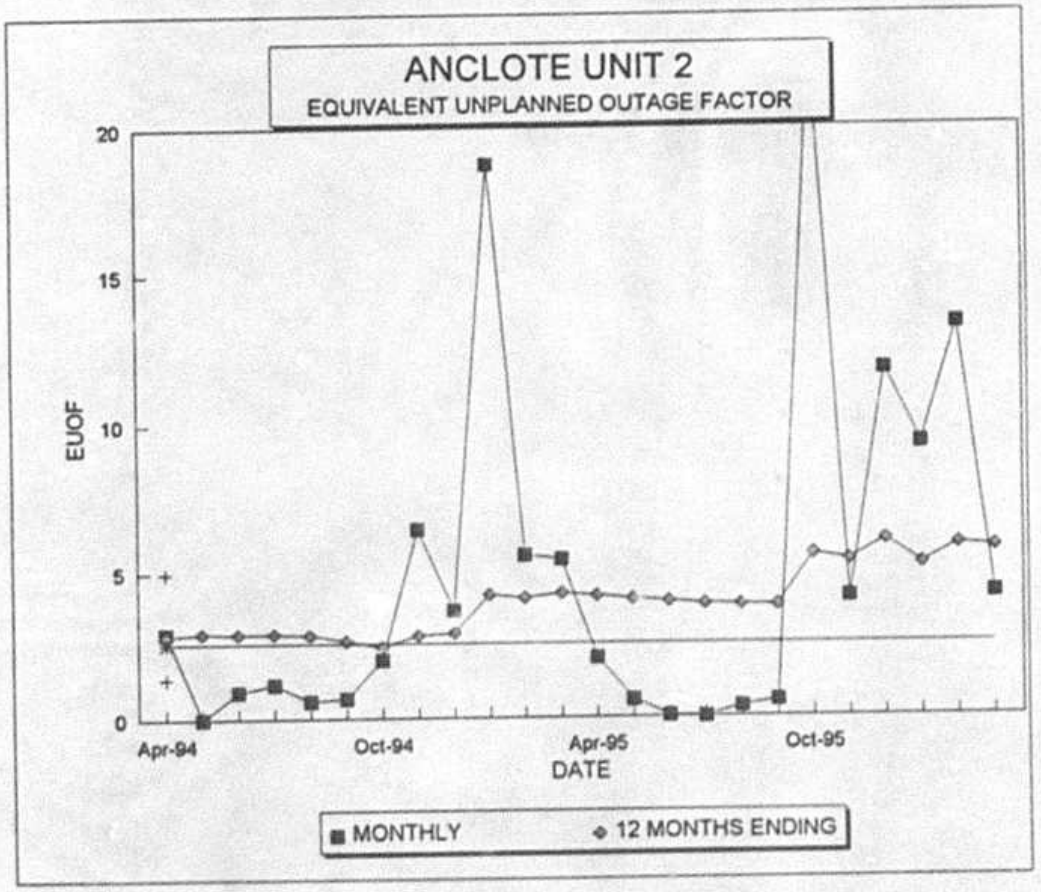

ANCLOTE UNIT 2
FORCED OUTAGE RATE
FOR
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


ANCLOTE UNIT 2
MAINTENANCE OUTAGE RATE
MOR
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING


ANCLOTE UNIT 2
PARTIAL FORCED OUTAGE RATE
PFOR
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING


ANCLOTE UNIT 2
PARTIAL MAINTENANCE OUTAGE RATE
PMOR
1
0.8
0.6
0.4
0.2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING


ANCLOTE UNIT 2
EQUIVALENT UNPLANNED OUTAGE RATE
EUOR
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING


ANCLOTE UNIT 2
EQUIVALENT UNPLANNED OUTAGE FACTOR
EUOF
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING

ANCLOTE
UNIT 2

| | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 392 | 744 | 744 | 655 | 656 |
| SER HOURS | 719 | 206.7 | 325.6 | 167 | 276.9 | 744 | 719 | 582.8 | 711.7 | 732.9 | 721.4 | 696.4 | 677.9 | 301.3 | 622.2 | 329.9 | 99.5 | 460 |
| RSH | 0 | 0 | 418.4 | 577 | 395.1 | 0 | 0 | 161.2 | 0 | 1.5 | 0 | 22.3 | 67.1 | 90.3 | 121.8 | 414.1 | 555.5 | 195.7 |
| UH | 0 | 513.3 | 0 | 0 | 0 | 0 | 0 | 0 | 8.3 | 9.6 | 22.6 | 1.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| POH | 0 | 513.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.3 | 9.6 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22.2 | 1.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFOH | 88.6 | 10.9 | 23.8 | 24.7 | 21.9 | 66.3 | 88.6 | 43.6 | 37 | 57.5 | 77.5 | 83.1 | 64.6 | 0 | 19.1 | 25.6 | 26.1 | 13 |
| LRPF | 191.40 | 170.30 | 170.30 | 170.30 | 192.20 | 170.30 | 191.40 | 170.30 | 159.00 | 180.80 | 182.20 | 159.60 | 170.33 | 0.00 | 177.47 | 170.33 | 73.00 | 170.33 |
| EFOH | 33.19 | 3.63 | 7.93 | 8.23 | 8.24 | 22.10 | 33.19 | 14.53 | 11.51 | 20.34 | 27.63 | 25.95 | 21.53 | 0.00 | 6.63 | 8.53 | 3.73 | 4.33 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 |

| MONTHLY | Apr-93 | Nov-92 | Dec-92 | Jan-93 | Feb-93 | Mar-93 | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.15 | 1.29 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.99 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PFOR | 4.62 | 1.76 | 2.44 | 4.93 | 2.97 | 2.97 | 4.62 | 2.49 | 1.62 | 2.78 | 3.83 | 3.73 | 3.18 | 0.00 | 1.07 | 2.59 | 3.75 | 0.94 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 4.62 | 1.76 | 2.44 | 4.93 | 2.97 | 2.97 | 4.62 | 2.49 | 2.75 | 4.03 | 6.75 | 3.91 | 3.18 | 0.00 | 1.07 | 2.59 | 3.75 | 0.94 |
| EUOF | 4.62 | 0.50 | 1.07 | 1.11 | 1.23 | 2.97 | 4.62 | 1.95 | 2.75 | 4.02 | 6.75 | 3.79 | 2.89 | 0.00 | 0.89 | 1.15 | 0.57 | 0.66 |
| POF | 0.00 | 71.29 | 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 | 0.00 | 0.00 |
| EAF | 95.38 | 28.20 | 98.93 | 98.89 | 98.77 | 97.03 | 95.38 | 98.05 | 97.25 | 95.98 | 93.25 | 96.21 | 97.11 | 100.00 | 99.11 | 98.85 | 99.43 | 99.34 |

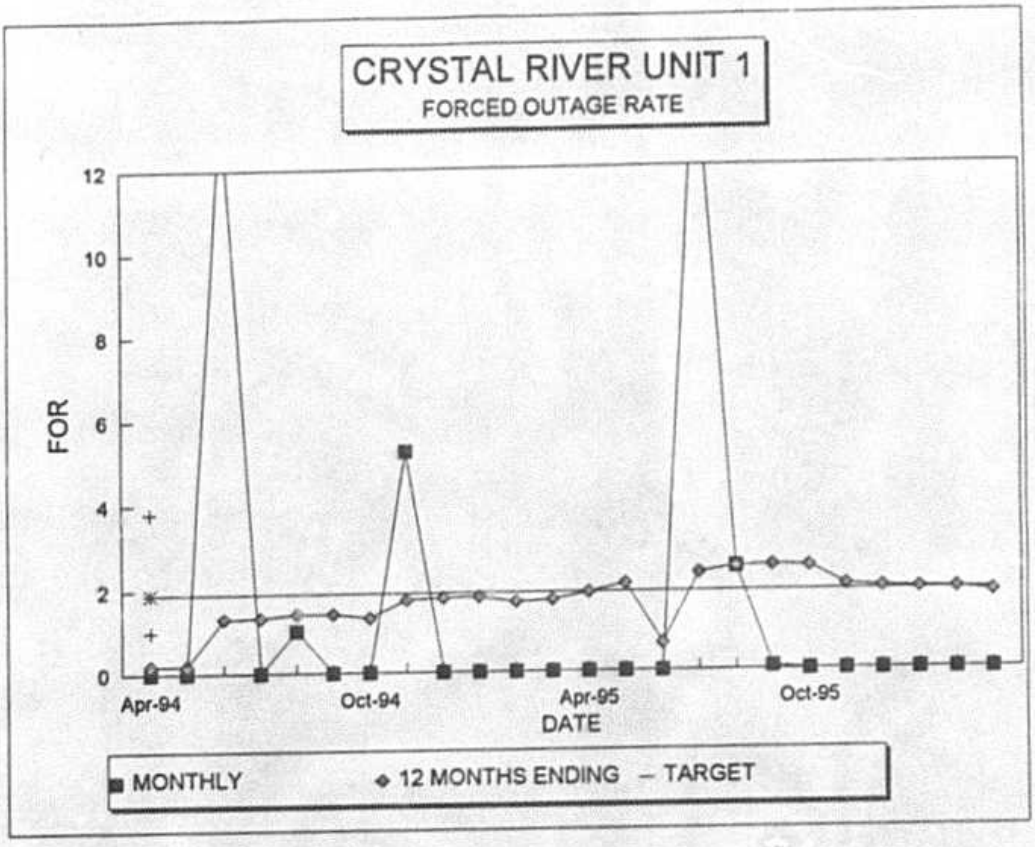
| 12 MONTHS | Apr-93 | Nov-92 | Dec-92 | Jan-93 | Feb-93 | Mar-93 | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.50 | 0.48 | 0.49 | 0.50 | 0.51 | 0.51 | 0.50 | 0.52 | 0.64 | 0.46 | 0.28 | 0.28 | 0.28 | 0.27 | 0.26 | 0.26 | 0.26 | 0.27 |
| MOR | 0.75 | 1.29 | 0.72 | 0.75 | 0.76 | 0.76 | 0.75 | 0.77 | 0.77 | 0.77 | 0.71 | 0.35 | 0.36 | 0.35 | 0.34 | 0.33 | 0.34 | 0.35 |
| PFOR | 3.76 | 3.14 | 3.09 | 3.33 | 3.47 | 3.55 | 3.76 | 3.79 | 3.55 | 3.40 | 3.31 | 3.15 | 3.12 | 3.02 | 2.87 | 2.81 | 2.82 | 2.67 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 4.95 | 4.84 | 4.25 | 4.53 | 4.69 | 4.77 | 4.95 | 5.02 | 4.90 | 4.58 | 4.26 | 3.76 | 3.73 | 3.63 | 3.46 | 3.38 | 3.40 | 3.28 |
| EUOF | 3.86 | 3.99 | 3.43 | 3.52 | 3.60 | 3.66 | 3.86 | 3.82 | 3.73 | 3.49 | 3.25 | 2.85 | 2.82 | 2.88 | 2.87 | 2.87 | 2.82 | 2.64 |
| POF | 6.13 | 6.11 | 6.11 | 6.11 | 6.13 | 6.13 | 6.13 | 6.13 | 6.13 | 6.13 | 6.13 | 6.13 | 5.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 90.01 | 89.90 | 90.46 | 90.36 | 90.27 | 90.21 | 90.01 | 90.05 | 90.14 | 90.38 | 90.62 | 91.02 | 91.33 | 97.12 | 97.13 | 97.13 | 97.18 | 97.36 |

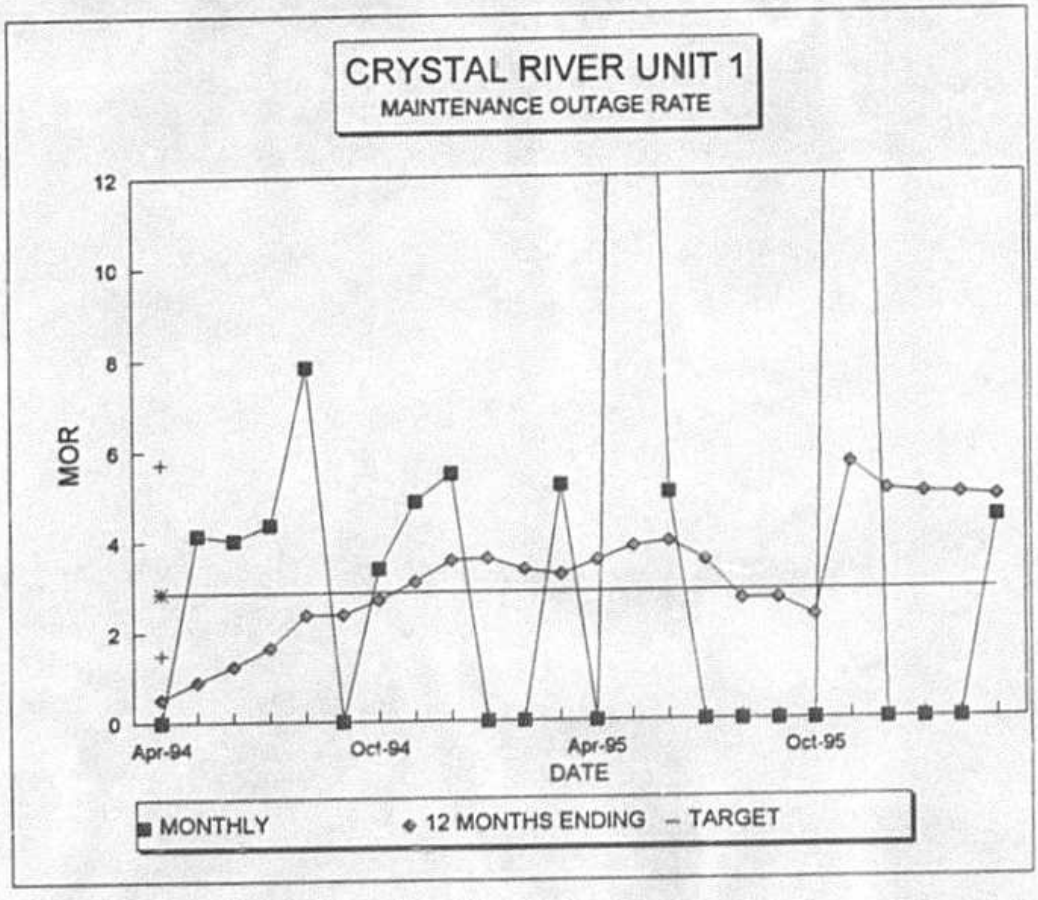
ANCLOTE
UNIT 2

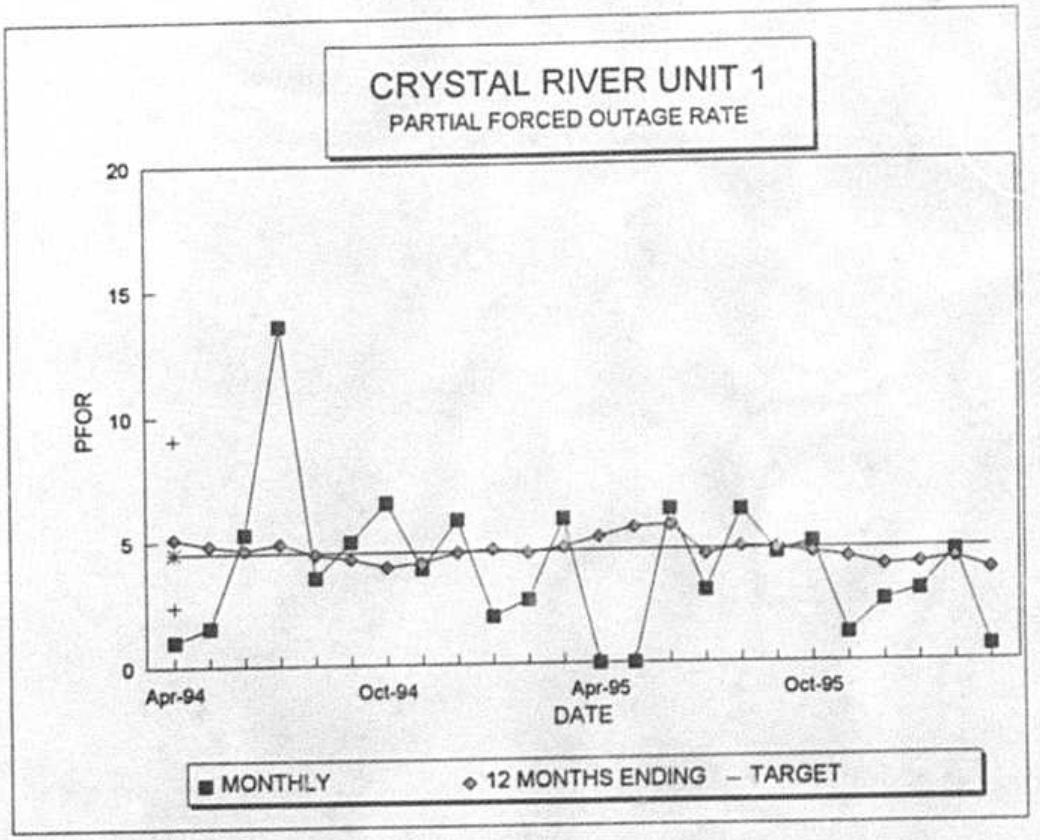
| | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 |
| SER HOURS | 576.6 | 713.7 | 706 | 649.1 | 744 | 684.6 | 724.2 | 467.3 | 265.3 | 301.7 | 315.6 | 252.2 | 193 | 723.3 | 691.6 | 743 | 744 | 720 |
| RSH | 0 | 0 | 13.8 | 0 | 0 | 9.1 | 20.8 | 59.4 | 266.3 | 442.3 | 356.4 | 491.8 | 361 | 5.4 | 0 | 0 | 0 | 0 |
| UH | 142.4 | 30.3 | 0.2 | 94.9 | 0 | 26.3 | 0 | 193.3 | 212.4 | 0 | 0 | 0 | 165 | 15.3 | 28.4 | 1 | 0 | 0 |
| POH | 139.2 | 0 | 0 | 0 | 0 | 2.4 | 0 | 193.3 | 212.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 3.2 | 0 | 0 | 94.3 | 0 | 23.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.3 | 28.4 | 1 | 0 | 0 |
| MOH | 0 | 30.3 | 0.2 | 0.6 | 0 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 0 | 0 | 0 |
| PFOH | 32.8 | 52.9 | 71.4 | 134.4 | 116.4 | 38.3 | 45.2 | 12.5 | 0.3 | 1E-17 | 5.7 | 24.7 | 0 | 44.4 | 116.1 | 314.4 | 262.6 | 104.6 |
| LRPF | 169.68 | 171.07 | 188.52 | 169.68 | 182.07 | 201.26 | 170.33 | 170.33 | 496.40 | 0.00 | 203.38 | 81.57 | 0.00 | 175.40 | 247.54 | 110.64 | 192.35 | 147.77 |
| EFOH | 10.89 | 17.71 | 26.34 | 44.63 | 41.47 | 15.08 | 15.07 | 4.17 | 0.29 | 0.00 | 2.27 | 3.94 | 0.00 | 15.24 | 56.24 | 68.07 | 98.85 | 30.25 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 | 511 |

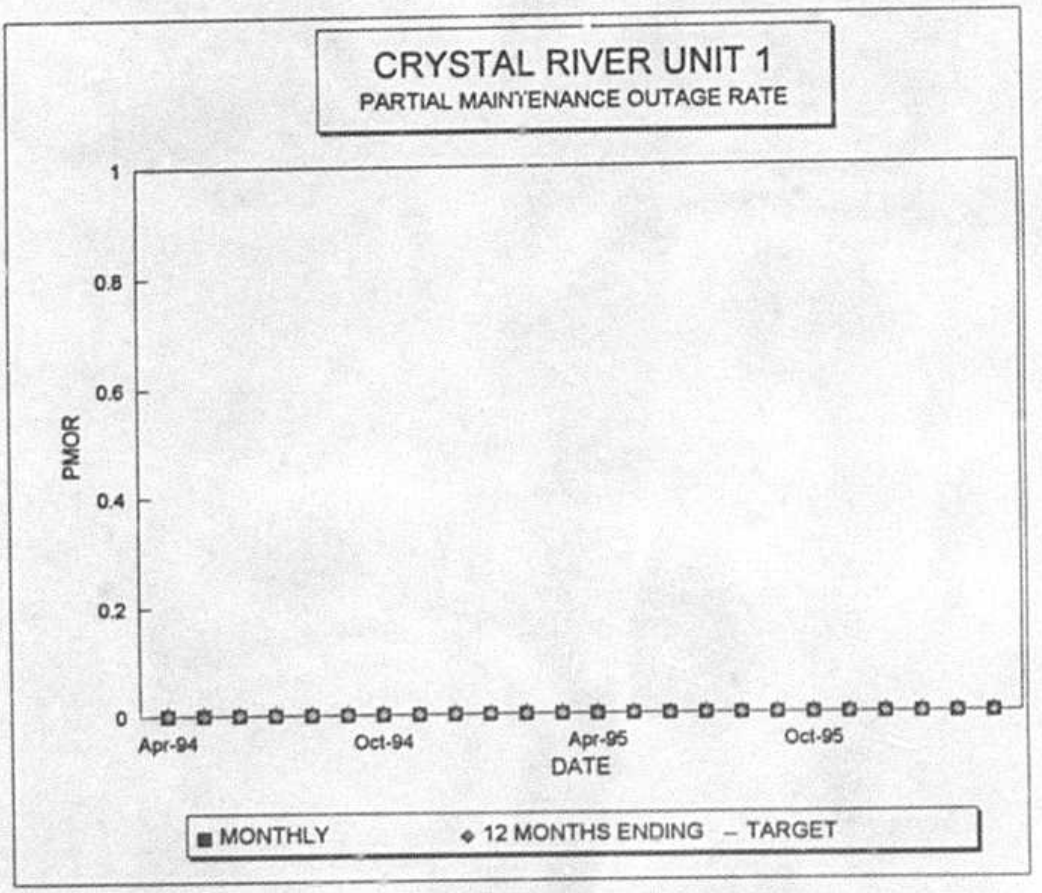
| MONTHLY | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.55 | 0.00 | 0.00 | 12.68 | 0.00 | 3.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 3.94 | 0.13 | 0.00 | 0.00 |
| MOR | 0.00 | 4.07 | 0.03 | 0.09 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 46.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PFOR | 1.89 | 2.48 | 3.73 | 6.88 | 5.57 | 2.20 | 2.08 | 0.89 | 0.11 | 0.00 | 0.72 | 1.56 | 0.00 | 2.11 | 8.13 | 9.16 | 13.29 | 4.20 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 2.43 | 6.45 | 3.76 | 18.75 | 5.57 | 5.50 | 2.08 | 0.89 | 0.11 | 0.00 | 0.72 | 1.56 | 46.09 | 4.13 | 11.76 | 9.28 | 13.29 | 4.20 |
| EUOF | 1.96 | 6.45 | 3.69 | 18.75 | 5.57 | 5.41 | 2.02 | 0.58 | 0.04 | 0.00 | 0.34 | 0.53 | 22.95 | 4.10 | 11.76 | 9.28 | 13.29 | 4.20 |
| POF | 19.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 | 26.85 | 28.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 78.68 | 93.55 | 96.31 | 81.25 | 94.43 | 94.25 | 97.98 | 72.57 | 71.41 | 100.00 | 99.66 | 99.47 | 77.05 | 95.90 | 88.24 | 90.72 | 86.71 | 95.80 |

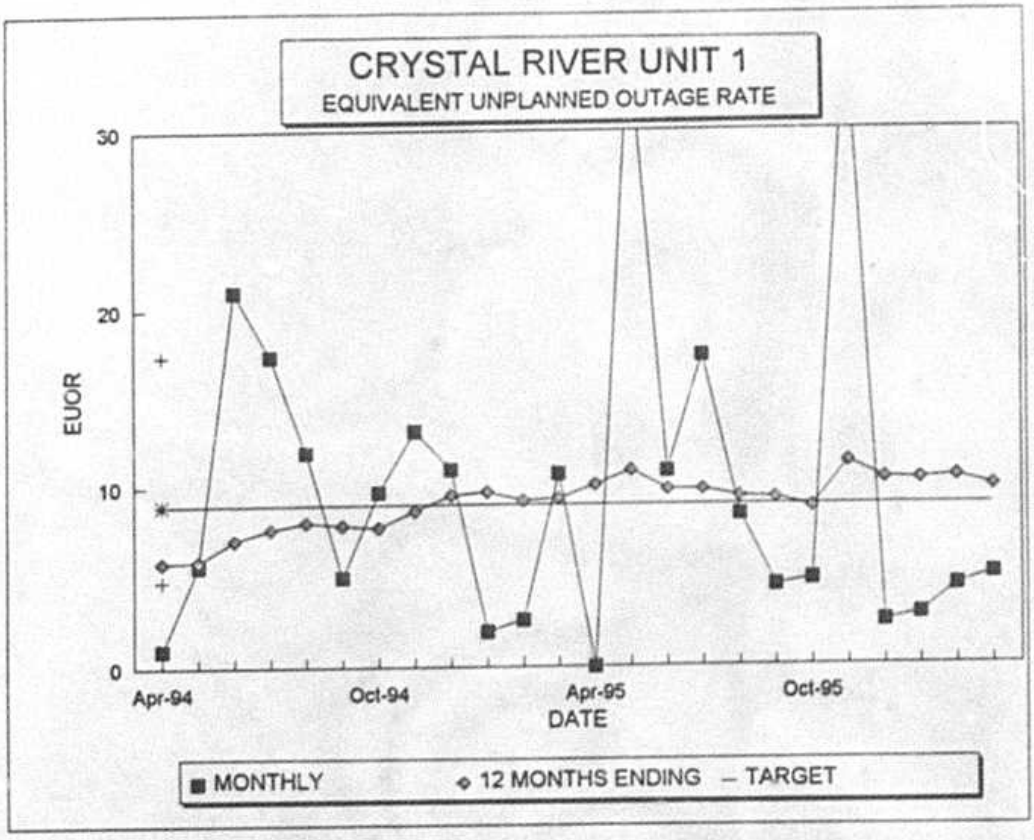
| 12 MONTHS | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.33 | 0.32 | 0.20 | 1.47 | 1.46 | 1.81 | 1.80 | 1.75 | 1.85 | 1.86 | 1.80 | 1.85 | 1.92 | 2.16 | 2.61 | 1.10 | 1.10 | 0.72 |
| MOR | 0.36 | 0.80 | 0.81 | 0.83 | 0.49 | 0.48 | 0.48 | 0.46 | 0.49 | 0.49 | 0.48 | 0.49 | 3.16 | 2.69 | 2.69 | 2.64 | 2.64 | 2.62 |
| PFOR | 2.39 | 2.39 | 2.62 | 3.02 | 3.22 | 3.06 | 2.94 | 2.93 | 2.99 | 2.87 | 2.76 | 2.84 | 2.84 | 2.80 | 3.30 | 3.63 | 4.57 | 4.79 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 3.06 | 3.48 | 3.59 | 5.23 | 5.09 | 5.26 | 5.13 | 5.07 | 5.25 | 5.14 | 4.95 | 5.10 | 7.67 | 7.40 | 8.30 | 7.18 | 8.09 | 7.94 |
| EUOF | 2.41 | 2.81 | 2.89 | 4.21 | 4.10 | 4.24 | 4.17 | 4.06 | 3.98 | 3.88 | 3.86 | 3.82 | 5.54 | 5.34 | 6.00 | 5.20 | 5.85 | 5.75 |
| POF | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.70 | 1.70 | 3.87 | 6.32 | 6.32 | 6.31 | 6.25 | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.63 |
| EAF | 95.92 | 95.52 | 95.44 | 94.12 | 94.23 | 94.06 | 94.13 | 92.07 | 89.69 | 89.79 | 89.83 | 89.94 | 89.80 | 90.00 | 89.34 | 90.14 | 89.49 | 89.61 |

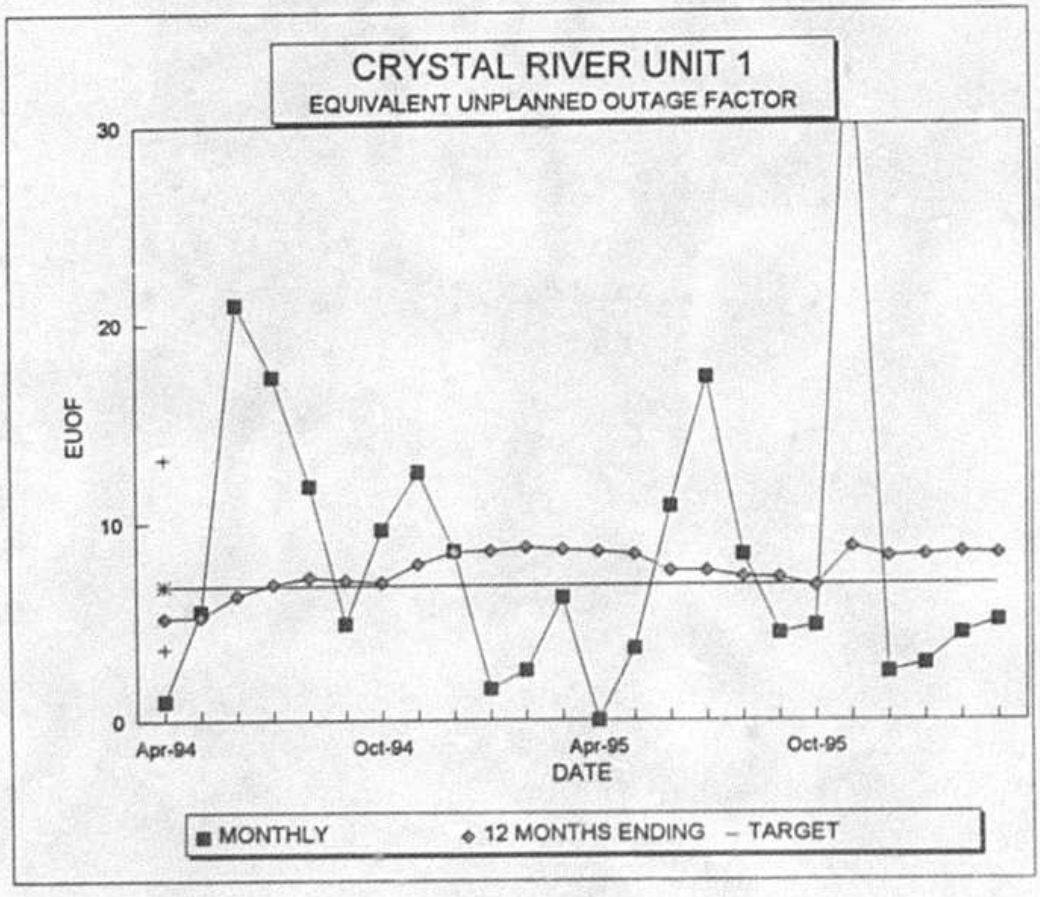

CRYSTAL RIVER UNIT 1
FORCED OUTAGE RATE
FOR
12
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 1
MAINTENANCE OUTAGE RATE
MOR
12
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 1
PARTIAL FORCED OUTAGE RATE
PFOR
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 1
PARTIAL MAINTENANCE OUTAGE RATE
PMOR
1
0.8
0.6
0.4
0.2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 1
EQUIVALENT UNPLANNED OUTAGE RATE
30
20
10
0
EUOR
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 1
EQUIVALENT UNPLANNED OUTAGE FACTOR
30
20
10
0
EUOF
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

CRYSTAL
RIVER
UNIT 1

| | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 |
| SER HOURS | 373 | 744 | 713.9 | 744 | 743.6 | 720 | 736.2 | 599.7 | 726.9 | 731.2 | 95.8 | 611.5 | 719 | 713.1 | 600.5 | 711.5 | 679.3 | 720 |
| RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120.3 | 17.1 | 12.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 346 | 0 | 6.1 | 0 | 0.4 | 0 | 8.8 | 0 | 0 | 0 | 576.2 | 132.5 | 0 | 30.9 | 119.5 | 32.5 | 64.7 | 0 |
| POH | 190.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 576.2 | 92.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 155.7 | 0 | 6.1 | 0 | 0.4 | 0 | 8.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94.3 | 0 | 7 | 0 |
| MOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40.2 | 0 | 30.9 | 25.2 | 32.5 | 57.7 | 0 |
| PFOH | 27.7 | 165.3 | 549.2 | 575.1 | 243.5 | 120.1 | 393.9 | 23.6 | 34.4 | 23.3 | 11.1 | 399.7 | 16 | 29.8 | 359.2 | 451.9 | 64.9 | 95.5 |
| LRPF | 66.70 | 79.80 | 34.70 | 52.10 | 90.20 | 155.40 | 69.73 | 158.81 | 120.58 | 115.11 | 76.24 | 15.55 | 166.24 | 136.47 | 32.92 | 79.56 | 137.15 | 139.31 |
| EFOH | 4.97 | 35.46 | 51.23 | 80.54 | 59.04 | 50.17 | 73.84 | 10.08 | 11.15 | 7.21 | 2.28 | 16.71 | 7.15 | 10.93 | 31.79 | 96.65 | 23.93 | 35.76 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 |

| MONTHLY | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 29.45 | 0.00 | 0.85 | 0.00 | 0.05 | 0.00 | 1.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.57 | 0.00 | 1.02 | 0.00 |
| MOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.17 | 0.00 | 4.15 | 4.03 | 4.37 | 7.83 | 0.00 |
| PFOR | 1.33 | 4.77 | 7.18 | 10.83 | 7.94 | 6.97 | 10.03 | 1.68 | 1.53 | 0.99 | 2.37 | 2.73 | 0.99 | 1.53 | 5.29 | 13.58 | 3.52 | 4.97 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 30.39 | 4.77 | 7.96 | 10.83 | 7.99 | 6.97 | 11.09 | 1.68 | 1.53 | 0.99 | 2.37 | 8.73 | 0.99 | 5.62 | 21.01 | 17.36 | 11.91 | 4.97 |
| EUOF | 22.35 | 4.77 | 7.96 | 10.83 | 7.99 | 6.97 | 11.09 | 1.40 | 1.50 | 0.97 | 0.34 | 7.65 | 0.99 | 5.62 | 21.01 | 17.36 | 11.91 | 4.97 |
| POF | 26.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 85.74 | 12.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 51.19 | 95.23 | 92.04 | 89.17 | 92.01 | 93.03 | 88.91 | 98.60 | 98.50 | 99.03 | 13.92 | 79.94 | 99.01 | 94.38 | 78.99 | 82.64 | 88.09 | 95.03 |

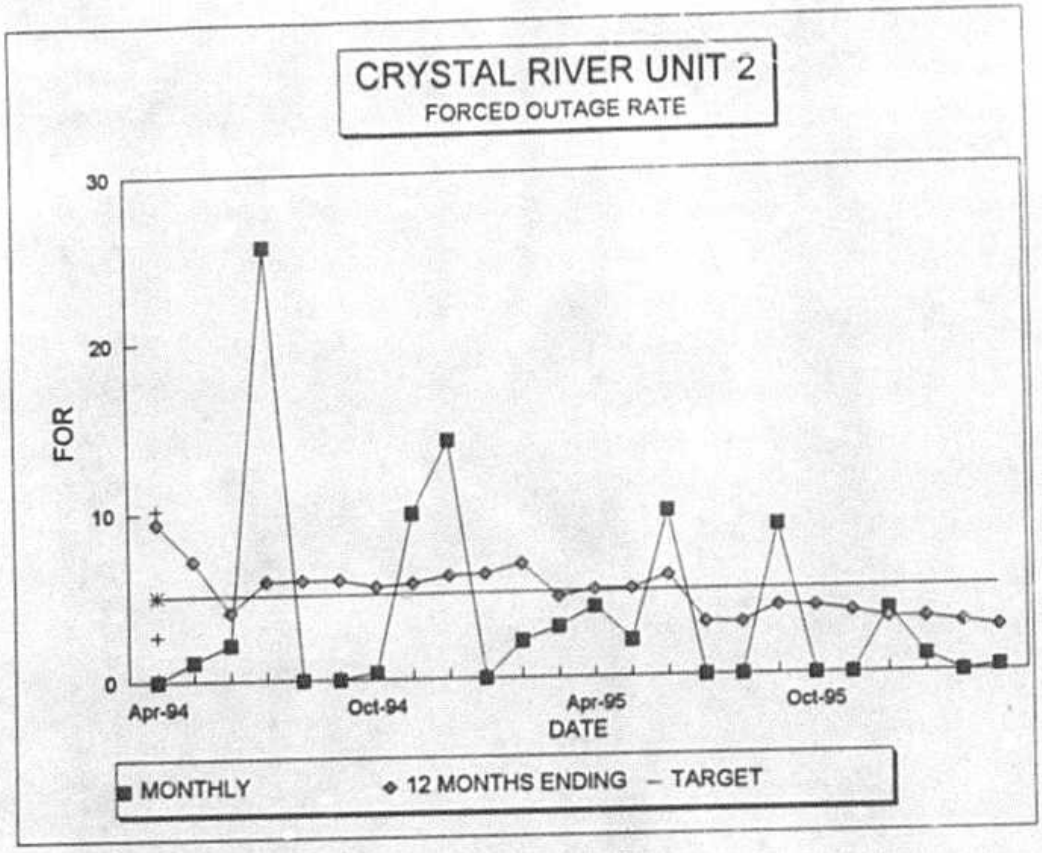
| 12 MONTHS | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 4.54 | 4.54 | 4.59 | 4.59 | 4.56 | 4.55 | 2.80 | 2.48 | 2.47 | 2.47 | 2.41 | 2.22 | 0.19 | 0.19 | 1.32 | 1.32 | 1.42 | 1.42 |
| MOR | 2.40 | 2.40 | 1.81 | 1.81 | 1.03 | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.53 | 0.51 | 0.90 | 1.23 | 1.64 | 2.38 | 2.38 |
| PFOR | 11.61 | 7.98 | 5.75 | 6.45 | 6.72 | 6.90 | 6.54 | 5.60 | 5.50 | 5.21 | 5.57 | 5.34 | 5.13 | 4.84 | 4.66 | 4.89 | 4.47 | 4.28 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 17.56 | 14.18 | 11.63 | 12.29 | 11.86 | 11.83 | 9.15 | 7.94 | 7.84 | 7.56 | 7.85 | 7.92 | 5.80 | 5.88 | 7.06 | 7.67 | 8.04 | 7.86 |
| EUOF | 15.54 | 12.55 | 10.30 | 10.88 | 10.50 | 10.50 | 8.12 | 6.94 | 6.83 | 6.58 | 6.36 | 7.01 | 5.26 | 5.33 | 6.40 | 6.96 | 7.29 | 7.12 |
| POF | 11.20 | 11.20 | 11.20 | 11.20 | 11.20 | 11.23 | 11.23 | 11.23 | 11.23 | 11.23 | 17.24 | 9.80 | 7.63 | 7.63 | 7.63 | 7.63 | 7.63 | 7.63 |
| EAF | 73.25 | 76.25 | 78.50 | 77.92 | 78.30 | 78.26 | 80.64 | 81.83 | 81.93 | 82.19 | 76.40 | 83.19 | 87.11 | 87.04 | 85.97 | 85.41 | 85.08 | 85.24 |

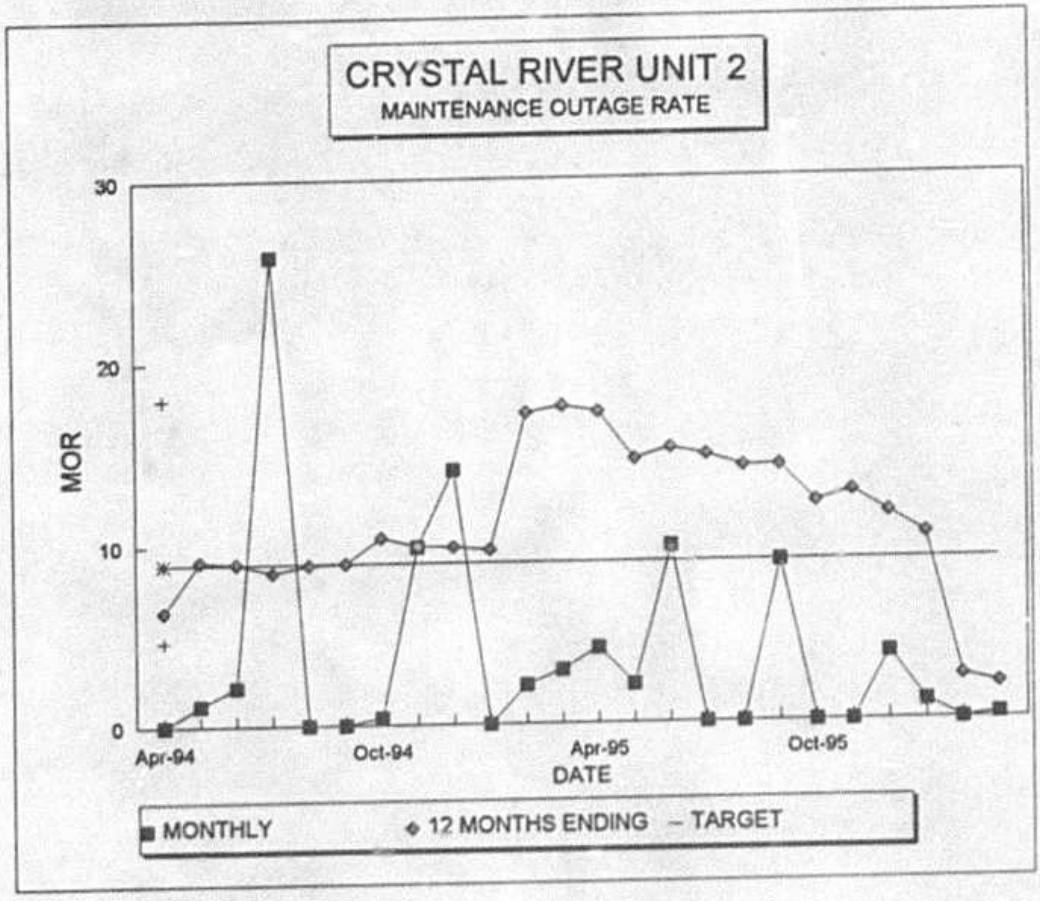
CRYSTAL RIVER UNIT 1

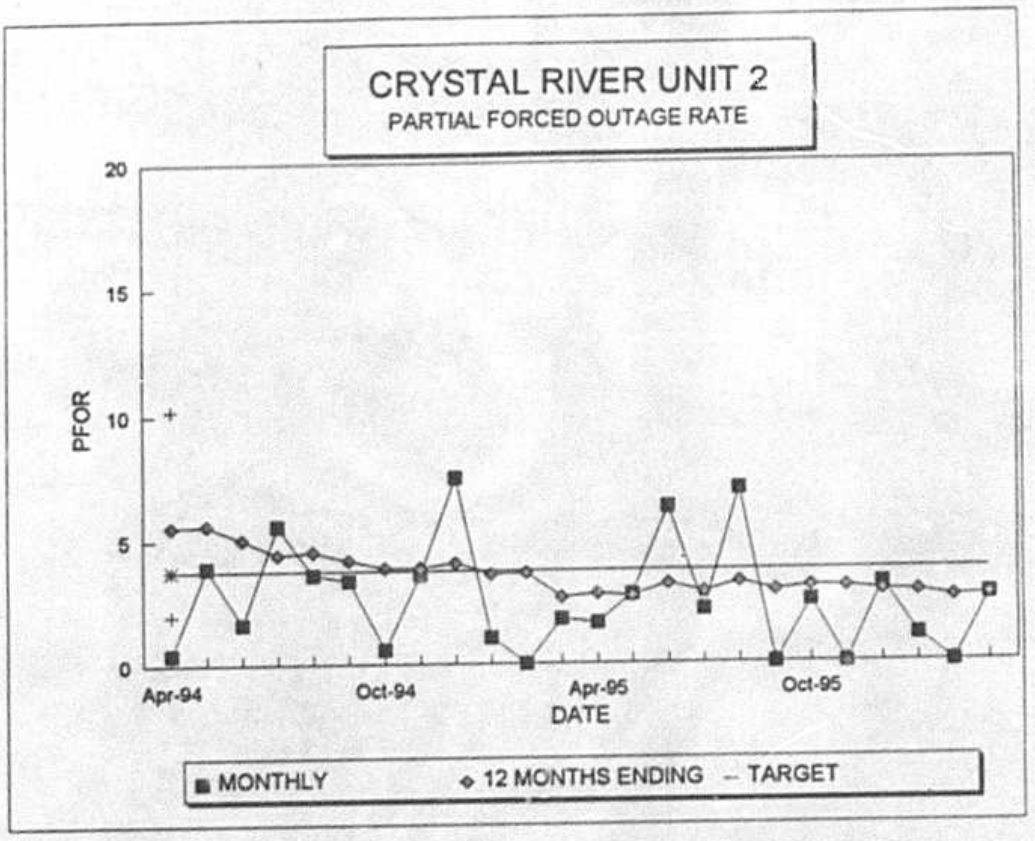
| | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 696 | 744 |
| SER HOURS | 719.8 | 624.9 | 551.3 | 627.7 | 672 | 411.6 | 0 | 50.1 | 683.7 | 633.5 | 725.6 | 719.4 | 745 | 461.7 | 744 | 744 | 696 | 711 |
| RSH | 0 | 28.5 | 160.7 | 116.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 25.2 | 66.6 | 32 | 0 | 0 | 332.4 | 719 | 693.9 | 36.3 | 110.5 | 18.4 | 0.6 | 0 | 258.3 | 0 | 0 | 0 | 33 |
| POH | 0 | 0 | 0 | 0 | 0 | 309.7 | 719 | 666.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 0 | 34.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110.5 | 18.4 | 0.6 | 0 | 0 | 0 | 0 | 0 | 0 |
| MOH | 25.2 | 32 | 32 | 0 | 0 | 22.7 | 0 | 27.5 | 36.3 | 0 | 0 | 0 | 0 | 258.3 | 0 | 0 | 0 | 33 |
| PFOH | 347.6 | 58.6 | 66.3 | 24 | 34.6 | 27.2 | 0 | 1E-17 | 139.2 | 41.2 | 117.2 | 93.8 | 93.7 | 10.3 | 49 | 63.8 | 128.7 | 23 |
| LRPF | 50.10 | 153.24 | 179.27 | 186.00 | 186.00 | 325.84 | 0.00 | 0.00 | 112.00 | 165.74 | 139.79 | 124.48 | 140.96 | 190.51 | 137.77 | 123.44 | 87.69 | 67.59 |
| EFOH | 46.81 | 24.14 | 31.95 | 12.00 | 17.30 | 23.83 | 0.00 | 0.00 | 41.91 | 18.36 | 44.04 | 31.39 | 35.51 | 5.28 | 18.15 | 21.17 | 30.34 | 4.18 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 |

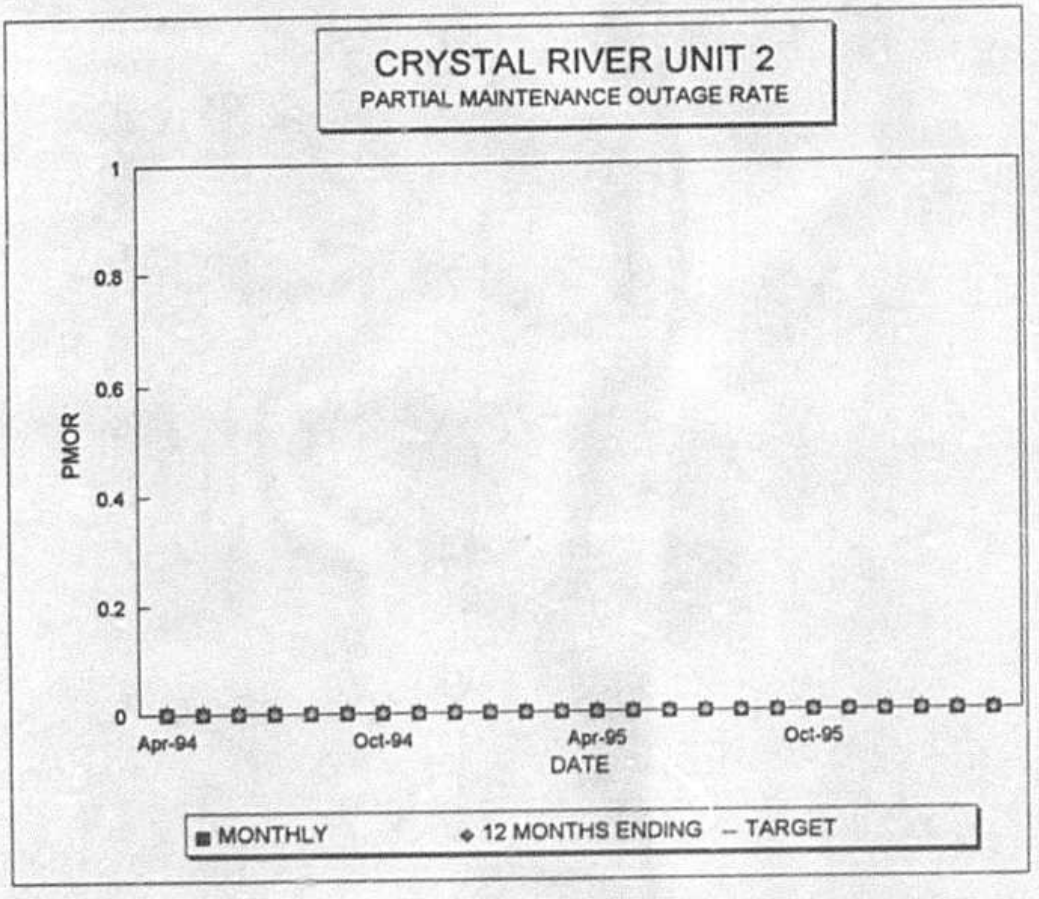
| MONTHLY | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 5.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.85 | 2.47 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MOR | 3.38 | 4.87 | 5.49 | 0.00 | 0.00 | 5.23 | 0.00 | 35.44 | 5.04 | 0.00 | 0.00 | 0.00 | 0.00 | 35.87 | 0.00 | 0.00 | 0.00 | 4.44 |
| PFOR | 6.50 | 3.86 | 5.80 | 1.91 | 2.57 | 5.79 | 0.00 | 0.00 | 6.13 | 2.90 | 6.07 | 4.36 | 4.77 | 1.14 | 2.44 | 2.85 | 4.36 | 0.59 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 9.67 | 13.12 | 10.96 | 1.91 | 2.57 | 10.71 | 0.00 | 35.44 | 10.86 | 17.32 | 8.39 | 4.44 | 4.77 | 36.61 | 2.44 | 2.85 | 4.36 | 5.00 |
| EUOF | 9.67 | 12.60 | 8.60 | 1.61 | 2.57 | 6.25 | 0.00 | 3.70 | 10.86 | 17.32 | 8.39 | 4.44 | 4.77 | 36.61 | 2.44 | 2.85 | 4.36 | 5.00 |
| POF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 41.63 | 100.00 | 89.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 90.33 | 87.40 | 91.40 | 98.39 | 97.43 | 52.12 | 0.00 | 6.73 | 89.14 | 82.68 | 91.61 | 95.56 | 95.23 | 63.39 | 97.56 | 97.15 | 95.64 | 95.00 |

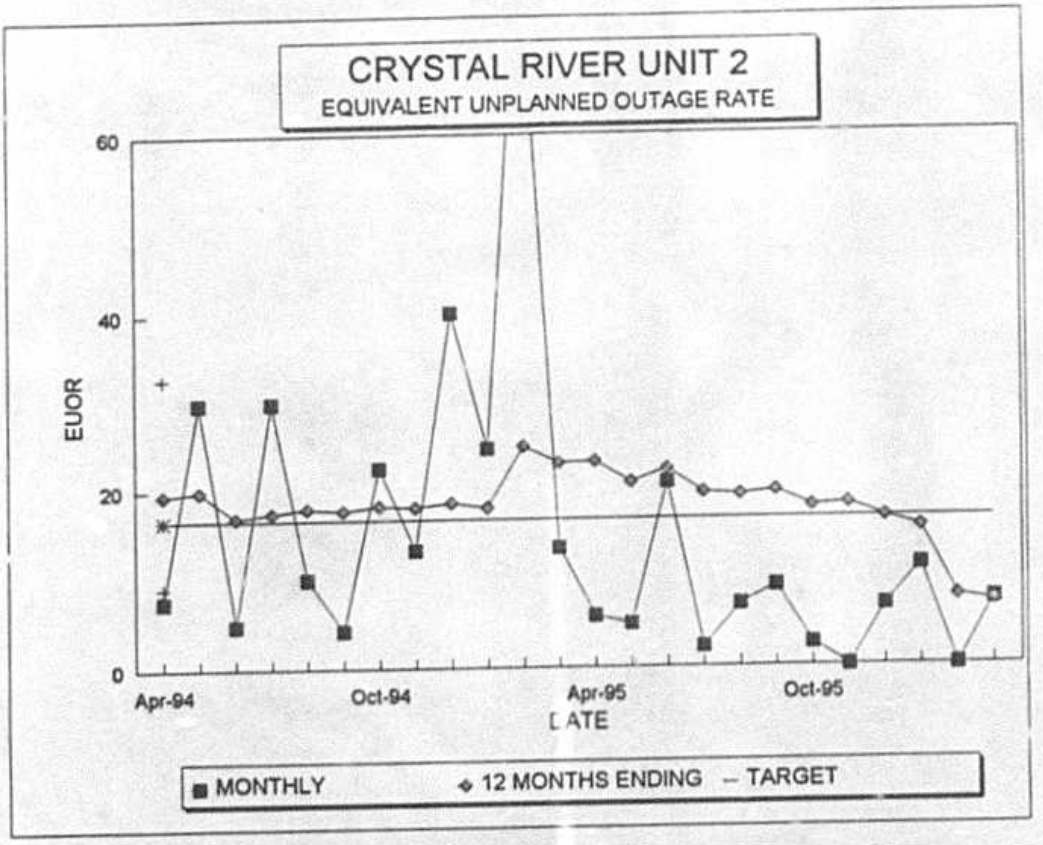
| 12 MONTHS | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 1.31 | 1.74 | 1.78 | 1.81 | 1.68 | 1.72 | 1.90 | 2.09 | 0.64 | 2.33 | 2.48 | 2.49 | 2.48 | 2.02 | 1.96 | 1.93 | 1.92 | 1.84 |
| MOR | 2.70 | 3.09 | 3.56 | 3.60 | 3.35 | 3.22 | 3.54 | 3.85 | 3.96 | 3.53 | 2.66 | 2.66 | 2.28 | 5.66 | 5.06 | 4.97 | 4.95 | 4.89 |
| PFOR | 3.94 | 4.11 | 4.48 | 4.61 | 4.47 | 4.67 | 5.05 | 5.40 | 5.49 | 4.33 | 4.61 | 4.54 | 4.35 | 4.16 | 3.83 | 3.90 | 4.08 | 3.62 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 7.72 | 8.64 | 9.47 | 9.65 | 9.17 | 9.29 | 10.09 | 10.87 | 9.79 | 9.79 | 9.40 | 9.34 | 8.80 | 11.31 | 10.39 | 10.35 | 10.50 | 9.93 |
| EUOF | 7.00 | 7.92 | 8.53 | 8.58 | 8.75 | 8.63 | 8.55 | 8.39 | 7.55 | 7.55 | 7.25 | 7.21 | 6.79 | 8.77 | 8.24 | 8.35 | 8.47 | 8.37 |
| POF | 7.63 | 7.63 | 7.63 | 7.63 | 1.05 | 3.54 | 11.74 | 19.35 | 19.35 | 19.35 | 19.35 | 19.35 | 19.35 | 19.35 | 19.35 | 19.35 | 19.30 | 15.77 |
| EAF | 85.37 | 84.45 | 83.84 | 83.79 | 90.19 | 87.83 | 79.70 | 72.26 | 73.10 | 73.10 | 73.40 | 73.44 | 73.86 | 71.88 | 72.41 | 72.30 | 72.23 | 75.86 |

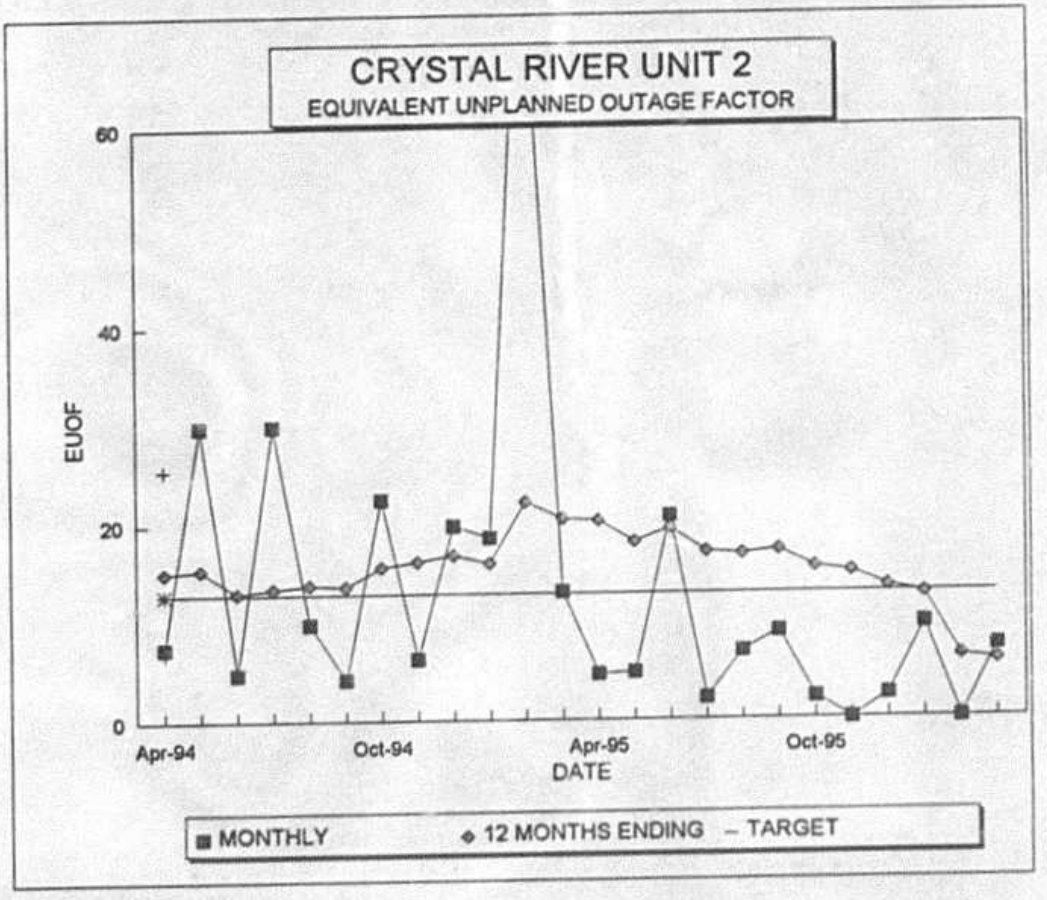

CRYSTAL RIVER UNIT 2
FORCED OUTAGE RATE
FOR
30
20
10
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 2
MAINTENANCE OUTAGE RATE
MOR
30
20
10
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 2
PARTIAL FORCED OUTAGE RATE
PFOR
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 2
PARTIAL MAINTENANCE OUTAGE RATE
PMOR
1
0.8
0.6
0.4
0.2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 2
EQUIVALENT UNPLANNED OUTAGE RATE
EUOR
60
40
20
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 2
EQUIVALENT UNPLANNED OUTAGE FACTOR
EUOF
60
40
20
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

CRYSTAL
RIVER
UNIT 2

| | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 |
| SER HOURS | 717.5 | 572.6 | 512.1 | 629.7 | 720.9 | 718.3 | 22.1 | 0 | 144 | 575.4 | 670.5 | 569 | 667.4 | 543.4 | 696.3 | 552.3 | 694.9 | 713.4 |
| RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 1.5 | 171.4 | 207.9 | 114.3 | 23.1 | 1.7 | 722.9 | 720 | 600 | 168.6 | 1.5 | 175 | 51.6 | 200.6 | 23.7 | 191.7 | 49.1 | 6.6 |
| POH | 0 | 0 | 0 | 0 | 0 | 0 | 722.9 | 720 | 514.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 1.5 | 161.2 | 207.9 | 72.6 | 0 | 0 | 0 | 0 | 0 | 4.5 | 1.5 | 155.5 | 0 | 6.4 | 15.3 | 191.7 | 0 | 0 |
| MOH | 0 | 10.2 | 0 | 41.7 | 23.1 | 1.7 | 0 | 0 | 85.8 | 164.1 | 0 | 19.5 | 51.6 | 194.2 | 8.4 | 0 | 49.1 | 6.6 |
| PFOH | 136.9 | 130.4 | 97.4 | 173.1 | 61.3 | 96.5 | 0 | 0 | 0 | 201.8 | 64.5 | 245.8 | 14.7 | 49.3 | 27.1 | 61.8 | 50 | 60.3 |
| LRPF | 112.3 | 72.4 | 171.7 | 192.7 | 139.4 | 220.1 | 0 | 0 | 0 | 95.1585 | 124.379 | 135.116 | 88.0604 | 202.237 | 196.664 | 233.264 | 234 | 186.269 |
| EFOH | 32.8501 | 20.173 | 35.7341 | 71.2743 | 18.259 | 45.3839 | 0 | 0 | 0 | 41.032 | 17.142 | 70.965 | 2.766 | 21.304 | 11.388 | 30.8028 | 25 | 24 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 |

| MONTHLY | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.21 | 21.97 | 28.87 | 10.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 | 0.22 | 21.46 | 0.00 | 1.16 | 2.15 | 25.77 | 0.00 | 0.00 |
| MOR | 0.00 | 1.75 | 0.00 | 6.21 | 3.10 | 0.24 | 0.00 | 0.00 | 37.34 | 22.19 | 0.00 | 3.31 | 7.18 | 26.33 | 1.19 | 0.00 | 6.60 | 0.92 |
| PFOF | 4.58 | 3.52 | 6.98 | 11.32 | 2.53 | 6.32 | 0.00 | 0.00 | 0.00 | 7.13 | 2.56 | 12.47 | 0.41 | 3.92 | 1.64 | 5.58 | 3.60 | 3.36 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 4.78 | 25.75 | 33.84 | 24.94 | 5.56 | 6.54 | 0.00 | 0.00 | 37.34 | 28.18 | 2.77 | 33.06 | 7.56 | 29.83 | 4.87 | 29.91 | 9.96 | 4.25 |
| EUOF | 4.78 | 25.75 | 33.84 | 24.94 | 5.56 | 6.54 | 0.00 | 0.00 | 11.53 | 28.18 | 2.77 | 33.06 | 7.56 | 29.83 | 4.87 | 29.91 | 9.96 | 4.25 |
| POF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 97.03 | 100.00 | 69.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 95.22 | 74.25 | 66.16 | 75.06 | 94.44 | 93.46 | 2.97 | 0.00 | 19.35 | 71.82 | 97.23 | 66.94 | 92.44 | 70.17 | 95.13 | 70.09 | 90.04 | 95.75 |

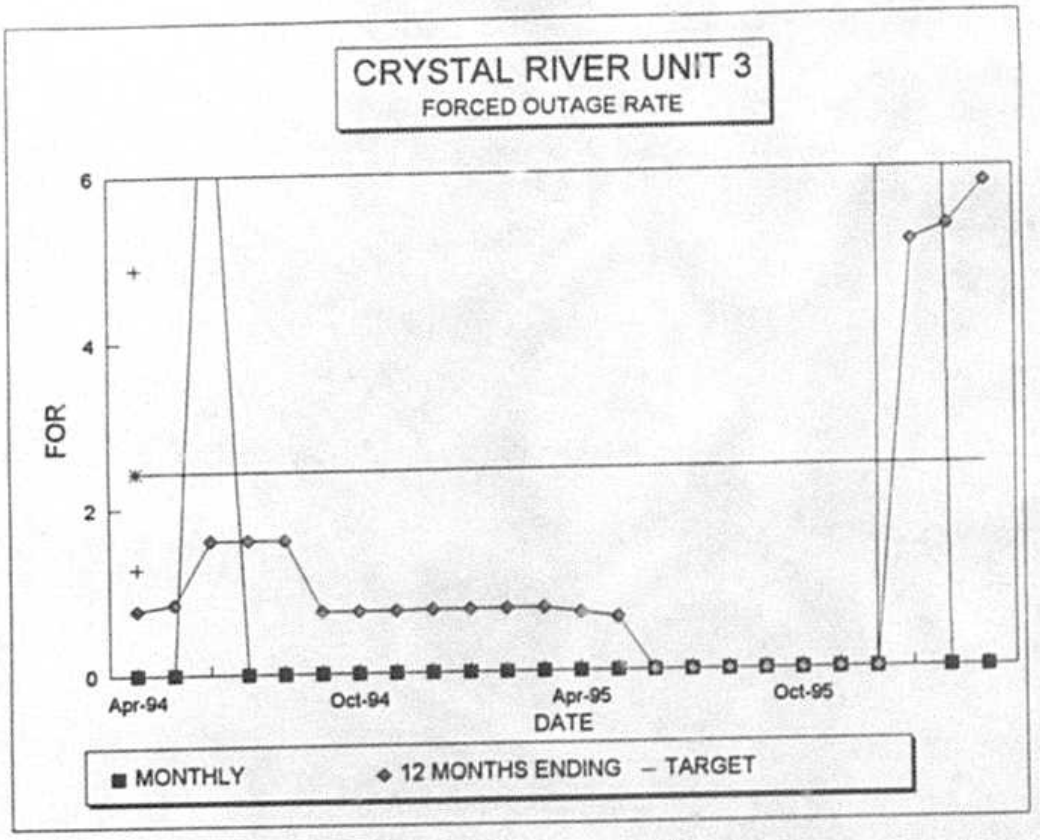
| 12 MONTHS | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 9.20 | 10.24 | 12.58 | 13.58 | 13.52 | 13.41 | 13.38 | 6.21 | 6.79 | 7.03 | 7.05 | 9.37 | 9.42 | 7.21 | 4.12 | 5.99 | 6.02 | 6.02 |
| MOR | 1.39 | 1.55 | 1.04 | 1.66 | 1.10 | 1.12 | 1.12 | 1.13 | 2.60 | 5.23 | 5.23 | 5.58 | 6.41 | 9.15 | 9.01 | 8.53 | 8.94 | 9.01 |
| PFOR | 8.27 | 8.33 | 8.27 | 8.89 | 8.43 | 8.29 | 8.26 | 8.39 | 8.75 | 6.37 | 5.53 | 6.03 | 5.56 | 5.61 | 5.03 | 4.41 | 4.54 | 4.18 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 17.76 | 18.86 | 20.54 | 22.40 | 21.56 | 21.36 | 21.30 | 14.99 | 17.01 | 17.20 | 16.48 | 19.16 | 19.46 | 19.90 | 16.84 | 17.38 | 17.86 | 17.62 |
| EUOF | 16.19 | 17.19 | 18.73 | 20.42 | 19.65 | 19.52 | 19.52 | 12.49 | 13.16 | 13.31 | 12.75 | 14.88 | 15.11 | 15.46 | 13.08 | 13.50 | 13.87 | 13.68 |
| POF | 8.57 | 8.57 | 8.57 | 8.57 | 8.57 | 8.59 | 8.36 | 16.68 | 22.62 | 22.62 | 22.62 | 22.34 | 22.34 | 22.34 | 22.34 | 22.34 | 22.34 | 22.34 |
| EAF | 75.24 | 74.24 | 72.71 | 71.02 | 71.78 | 71.88 | 72.12 | 70.83 | 64.22 | 64.07 | 64.63 | 62.78 | 62.55 | 62.20 | 64.58 | 64.16 | 63.79 | 63.98 |

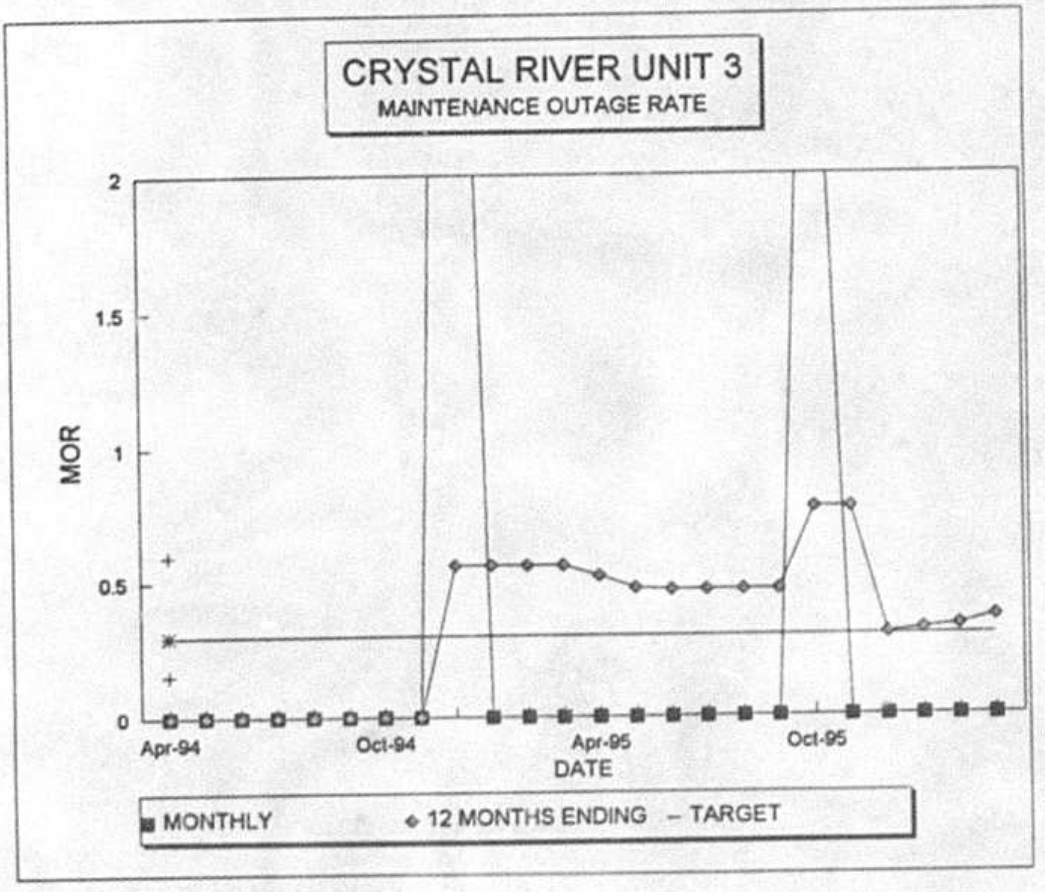
CRYSTAL
RIVER
UNIT 2

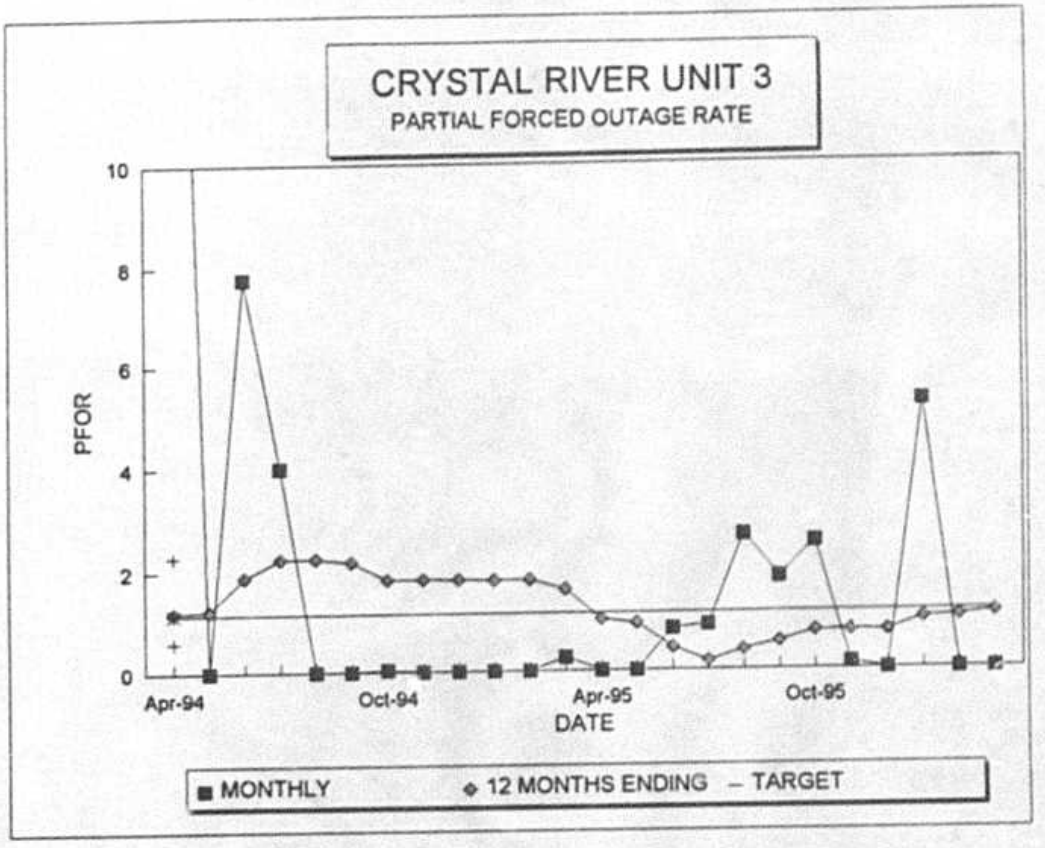
| | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 696 | 744 |
| SER HOURS | 581.2 | 312.1 | 237.2 | 428.6 | 114 | 643.5 | 565.6 | 728.2 | 609.3 | 744 | 744 | 655.6 | 649.1 | 0 | 252.8 | 582.1 | 696 | 708.3 |
| RSH | 0 | 0 | 0 | 181.9 | 0 | 14.8 | 128.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 0 |
| UH | 163.8 | 407.9 | 506.8 | 133.5 | 558 | 85.7 | 24.6 | 15.8 | 110.7 | 0 | 0 | 64.4 | 95.9 | 720 | 491.2 | 65.9 | 0 | 35.7 |
| POH | 0 | 373.8 | 377.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95.9 | 720 | 481.4 | 0 | 0 | 0 |
| FOH | 2.3 | 34.1 | 39 | 0 | 2.5 | 19.6 | 24.6 | 15.8 | 66.4 | 0 | 0 | 64.4 | 0 | 0 | 9.8 | 6 | 0 | 2 |
| MOH | 161.5 | 0 | 90.2 | 133.5 | 555.5 | 66.1 | 0 | 0 | 44.3 | 0 | 0 | 0 | 0 | 0 | 0 | 59.9 | 0 | 33.7 |
| PFOH | 21.3 | 146.9 | 88.4 | 28.4 | 3E-17 | 30.1 | 25.5 | 57.8 | 287.7 | 32.5 | 117.9 | 9E-17 | 109.9 | 0 | 15.3 | 14.7 | 9E-17 | 80.8 |
| LRPF | 75.4732 | 35.8496 | 93.6 | 74.6493 | 0 | 181.292 | 170.682 | 163.849 | 61.7851 | 231.35 | 205.531 | 0 | 69.0417 | 0 | 243.482 | 199.935 | 0 | 110.11 |
| EFOH | 3.435 | 11.2528 | 17.68 | 4.53 | 0 | 11.66 | 9.3 | 20.236 | 37.982 | 16.066 | 51.778 | 0 | 16.213 | 0 | 7.96 | 6.28 | 0 | 19.0104 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 | 468 |

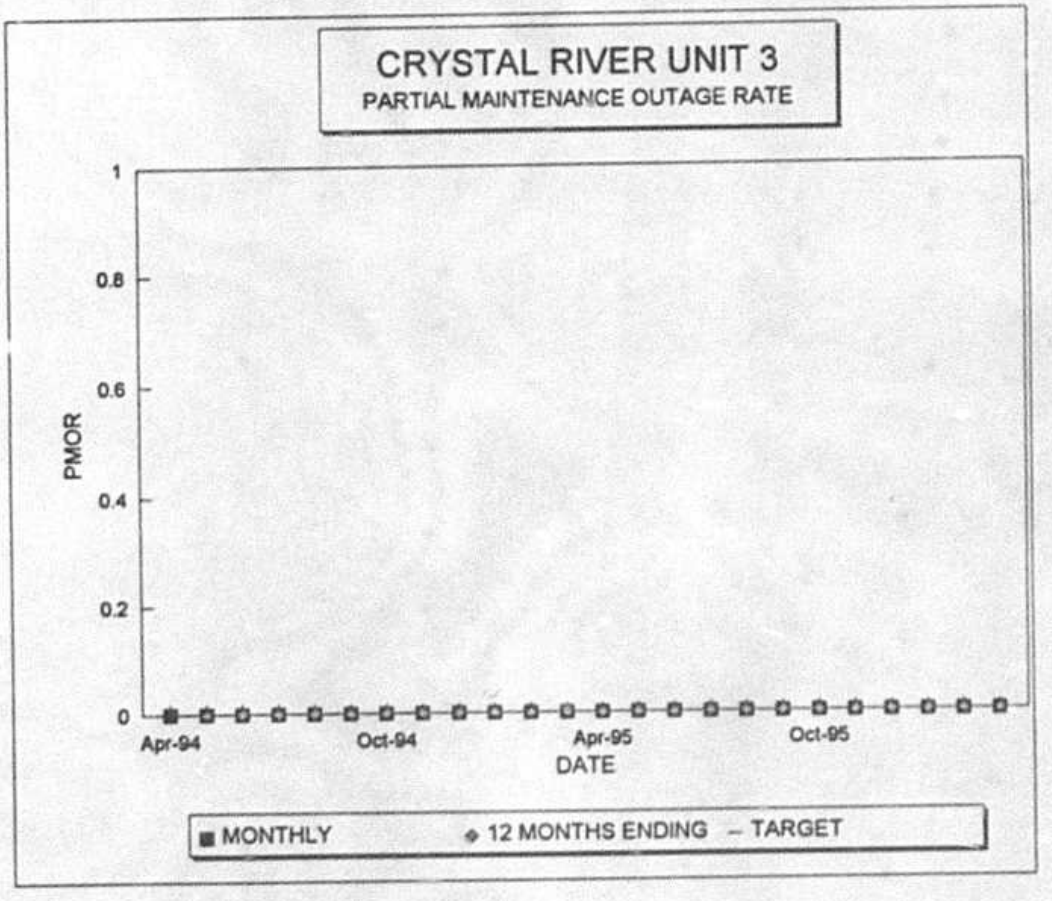
| MONTHLY | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.39 | 9.85 | 14.12 | 0.00 | 2.15 | 2.96 | 4.17 | 2.12 | 9.83 | 0.00 | 0.00 | 8.94 | 0.00 | 0.00 | 3.73 | 1.02 | 0.00 | 0.28 |
| MOR | 21.74 | 0.00 | 27.55 | 23.75 | 82.97 | 9.32 | 0.00 | 0.00 | 6.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.33 | 0.00 | 4.54 |
| PFOR | 0.59 | 3.61 | 7.45 | 1.06 | 0.00 | 1.81 | 1.64 | 2.78 | 6.23 | 2.16 | 6.96 | 0.00 | 2.50 | 0.00 | 3.15 | 1.08 | 0.00 | 2.68 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 22.45 | 13.10 | 40.09 | 24.56 | 83.04 | 13.35 | 5.74 | 4.84 | 20.65 | 2.16 | 6.96 | 8.94 | 2.50 | 0.00 | 6.76 | 11.14 | 0.00 | 7.35 |
| EUOF | 22.45 | 6.30 | 19.74 | 18.55 | 83.04 | 13.09 | 4.71 | 4.84 | 20.65 | 2.16 | 6.96 | 8.94 | 2.18 | 0.00 | 2.39 | 9.70 | 0.00 | 7.35 |
| POF | 0.00 | 51.92 | 50.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.87 | 100.00 | 64.70 | 0.00 | 0.00 | 0.00 |
| EAF | 77.55 | 41.78 | 29.51 | 81.45 | 16.96 | 86.91 | 95.29 | 95.16 | 79.35 | 97.84 | 93.04 | 91.06 | 84.95 | 0.00 | 32.91 | 90.30 | 100.00 | 92.65 |

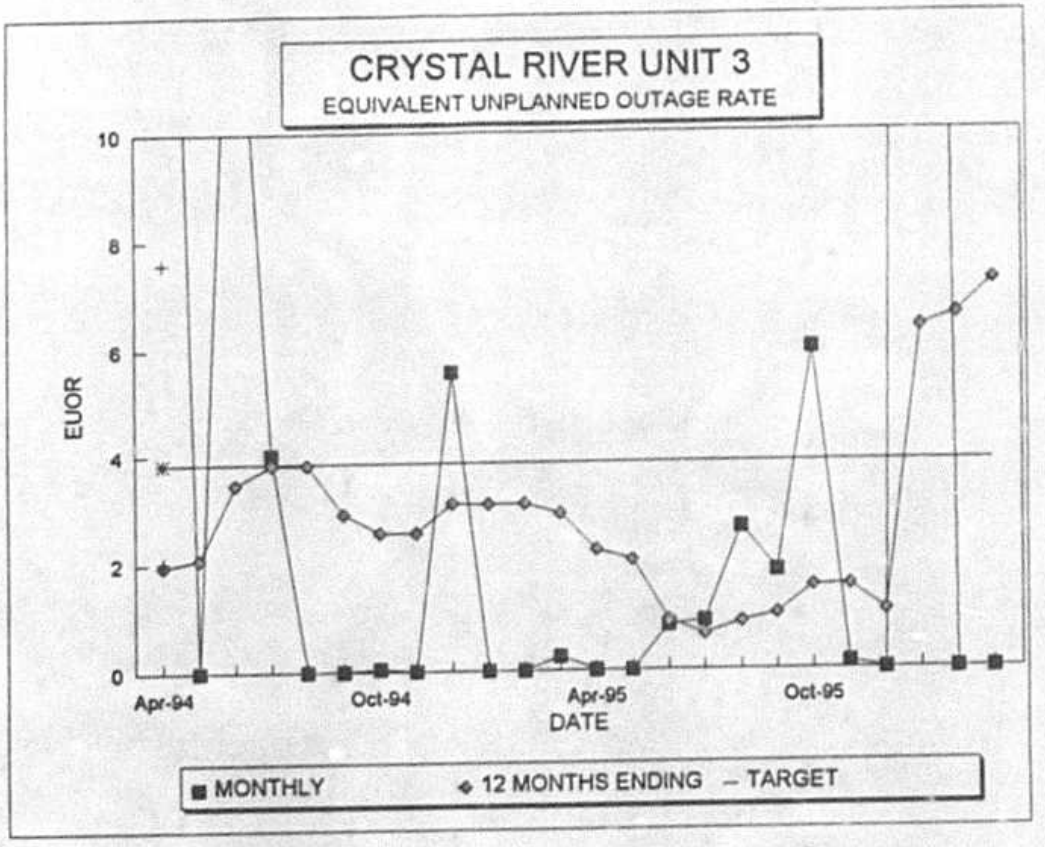
| 12 MONTHS | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 5.56 | 5.77 | 6.20 | 6.27 | 6.81 | 4.79 | 5.23 | 5.22 | 6.02 | 3.11 | 3.08 | 4.05 | 3.98 | 3.66 | 3.20 | 3.22 | 2.92 | 2.65 |
| MOR | 10.36 | 9.93 | 9.86 | 9.68 | 17.21 | 17.55 | 17.22 | 14.59 | 15.19 | 14.80 | 14.14 | 14.18 | 12.15 | 12.69 | 11.53 | 10.35 | 2.42 | 1.95 |
| PFOR | 3.87 | 3.86 | 4.06 | 3.60 | 3.65 | 2.65 | 2.80 | 2.70 | 3.17 | 2.84 | 3.24 | 2.89 | 3.06 | 3.03 | 2.86 | 2.82 | 2.58 | 2.67 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 18.15 | 17.93 | 18.38 | 17.90 | 24.79 | 22.93 | 23.05 | 20.63 | 22.11 | 19.42 | 19.13 | 19.57 | 17.83 | 18.05 | 16.51 | 15.40 | 7.65 | 7.05 |
| EUOF | 15.59 | 16.11 | 16.81 | 15.99 | 22.15 | 20.45 | 20.22 | 18.09 | 19.39 | 17.03 | 16.78 | 17.17 | 15.44 | 14.92 | 13.45 | 12.70 | 6.31 | 5.83 |
| POF | 14.09 | 10.14 | 8.58 | 8.58 | 8.58 | 8.58 | 8.58 | 8.58 | 8.58 | 8.58 | 8.58 | 8.58 | 9.67 | 13.62 | 14.81 | 14.81 | 14.77 | 14.77 |
| EAF | 70.32 | 73.75 | 74.62 | 75.43 | 69.28 | 70.97 | 71.21 | 73.33 | 72.03 | 74.39 | 74.64 | 74.26 | 74.89 | 71.45 | 71.74 | 72.49 | 78.92 | 79.41 |

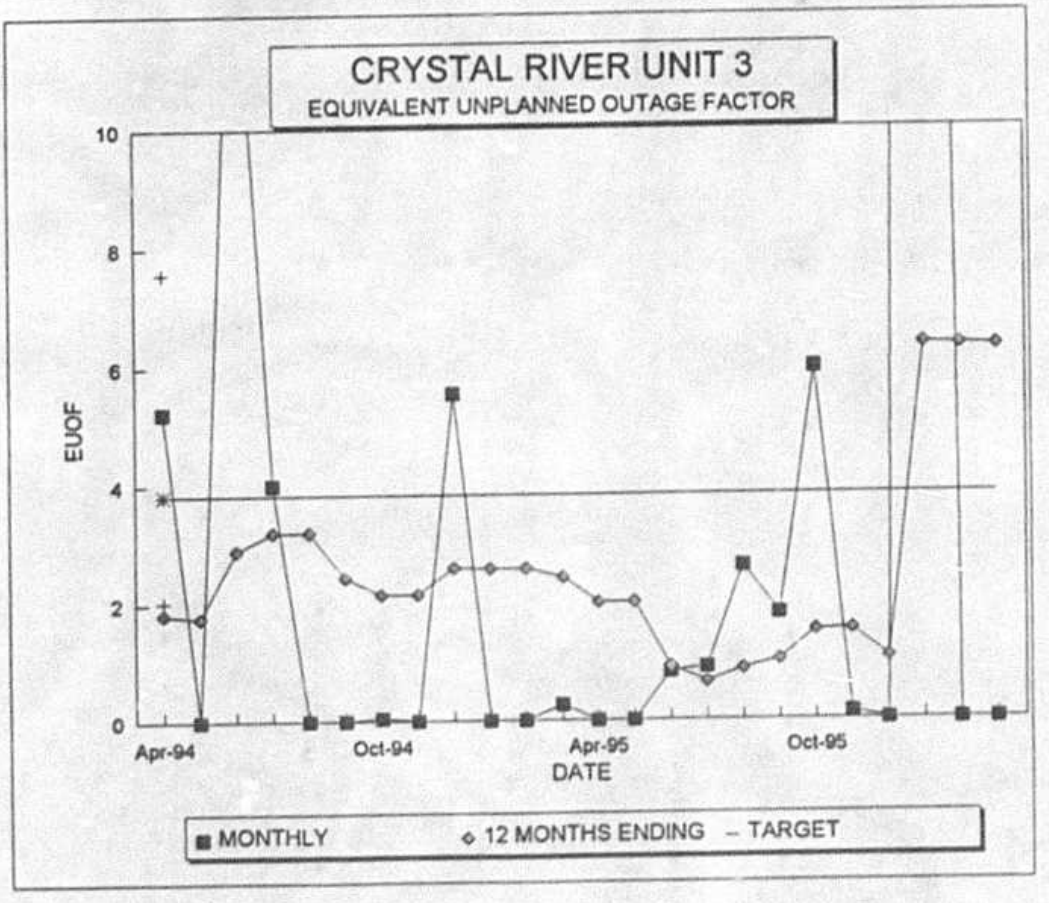

CRYSTAL RIVER UNIT 3
FORCED OUTAGE RATE
FOR
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 3
MAINTENANCE OUTAGE RATE
MOR
2
1.5
1
0.5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 3
PARTIAL FORCED OUTAGE RATE
PFOR
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 3
PARTIAL MAINTENANCE OUTAGE RATE
PMOR
1
0.8
0.6
0.4
0.2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 3
EQUIVALENT UNPLANNED OUTAGE RATE
EUOR
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 3
EQUIVALENT UNPLANNED OUTAGE FACTOR
EUOF
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

CRYSTAL RIVER
UNIT 3

| | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 |
| SER HOURS | 104.6 | 744 | 720 | 744 | 744 | 656.5 | 745 | 720 | 744 | 744 | 672 | 744 | 144.8 | 0 | 613.2 | 744 | 744 | 720 |
| RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 614.4 | 0 | 0 | 0 | 0 | 63.5 | 0 | 0 | 0 | 0 | 0 | 0 | 574.2 | 744 | 106.8 | 0 | 0 | 0 |
| POH | 614.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574.2 | 744 | 51.5 | 0 | 0 | 0 |
| FOH | 0 | 0 | 0 | 0 | 0 | 63.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55.3 | 0 | 0 | 0 |
| MOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFOH | 26.4 | 33.9 | 6.5 | 28.8 | 0 | 23.1 | 116.1 | 0 | 7.2 | 34.8 | 0 | 94 | 144.8 | 0 | 111.5 | 92.1 | 1E-17 | 1E-17 |
| LRPF | 75.10 | 117.10 | 212.50 | 86.50 | 0.00 | 129.30 | 168.36 | 0.00 | 164.20 | 17.18 | 0.00 | 118.38 | 192.84 | 0.00 | 316.95 | 239.73 | 0.00 | 0.00 |
| EFOH | 2.67 | 5.35 | 1.86 | 3.35 | 0.00 | 4.02 | 26.32 | 0.00 | 1.59 | 0.81 | 0.00 | 14.98 | 37.60 | 0.00 | 47.59 | 29.73 | 0.00 | 0.00 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 |

| MONTHLY | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.27 | 0.00 | 0.00 | 0.00 |
| MOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| °FOR | 2.55 | 0.72 | 0.26 | 0.45 | 0.00 | 0.61 | 3.53 | 0.00 | 0.21 | 0.11 | 0.00 | 2.01 | 25.97 | 0.00 | 7.76 | 4.00 | 0.00 | 0.00 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 2.55 | 0.72 | 0.26 | 0.45 | 0.00 | 9.38 | 3.53 | 0.00 | 0.21 | 0.11 | 0.00 | 2.01 | 25.97 | 0.00 | 15.39 | 4.00 | 0.00 | 0.00 |
| EUOF | 0.37 | 0.72 | 0.26 | 0.45 | 0.00 | 9.38 | 3.53 | 0.00 | 0.21 | 0.11 | 0.00 | 2.01 | 5.23 | 0.00 | 14.29 | 4.00 | 0.00 | 0.00 |
| POF | 85.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 79.86 | 100.00 | 7.15 | 0.00 | 0.00 | 0.00 |
| EAF | 14.18 | 99.28 | 99.74 | 99.55 | 100.00 | 90.62 | 96.47 | 100.00 | 99.79 | 99.89 | 100.00 | 97.99 | 14.91 | 0.00 | 78.56 | 96.00 | 100.00 | 100.00 |

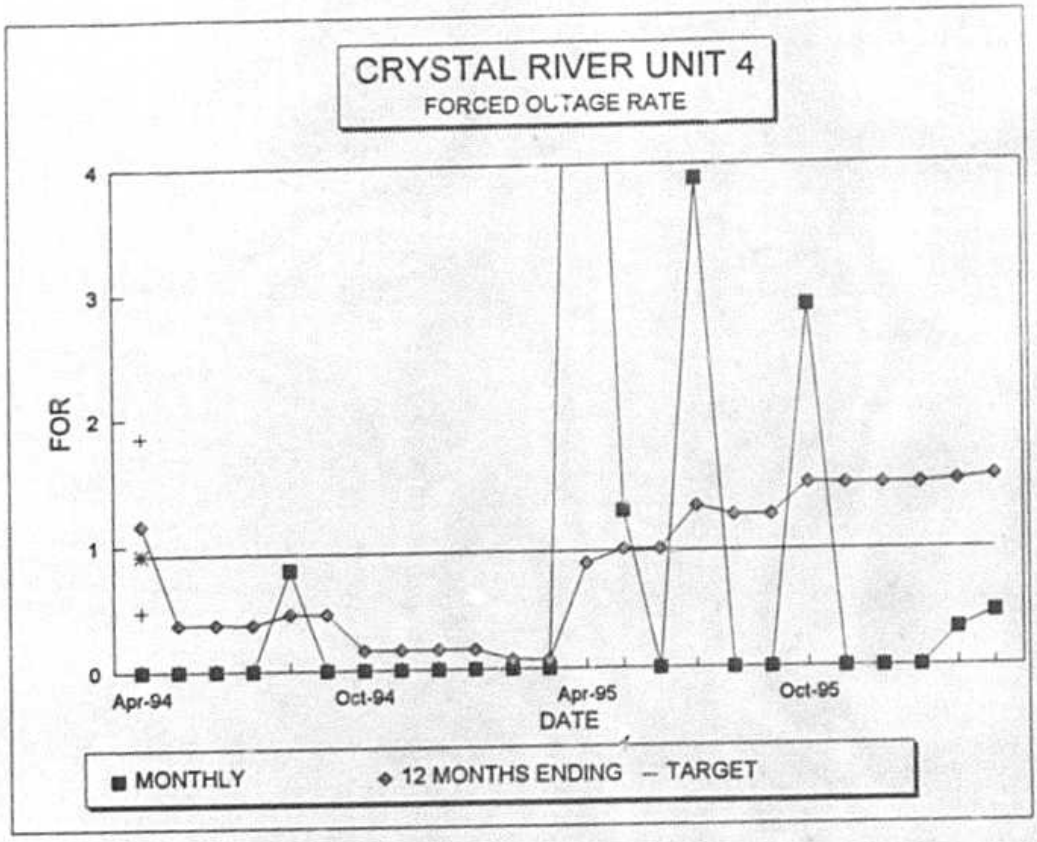
| 12 MONTHS | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 1.36 | 1.20 | 1.08 | 0.84 | 0.84 | 1.69 | 1.69 | 1.69 | 0.85 | 0.85 | 0.85 | 0.78 | 0.78 | 0.85 | 1.61 | 1.61 | 1.61 | 0.75 |
| MOR | 0.47 | 0.41 | 0.37 | 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 | 0.00 |
| PFOR | 1.55 | 1.45 | 1.33 | 1.12 | 0.93 | 0.83 | 1.00 | 0.85 | 0.83 | 0.83 | 0.70 | 0.75 | 1.18 | 1.23 | 1.87 | 2.24 | 2.24 | 2.16 |
| PMOR | 0.53 | 0.46 | 0.42 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 3.85 | 3.48 | 3.16 | 1.96 | 1.77 | 2.52 | 2.69 | 2.53 | 1.68 | 1.69 | 1.55 | 1.53 | 1.95 | 2.07 | 3.45 | 3.81 | 3.81 | 2.89 |
| EUOF | 2.47 | 2.53 | 2.56 | 1.67 | 1.51 | 2.15 | 2.29 | 2.16 | 1.44 | 1.44 | 1.32 | 1.42 | 1.82 | 1.76 | 2.91 | 3.21 | 3.21 | 2.44 |
| POF | 35.45 | 26.98 | 18.78 | 14.62 | 14.62 | 14.66 | 14.66 | 14.66 | 14.66 | 14.66 | 14.66 | 7.01 | 6.55 | 15.05 | 15.64 | 15.64 | 15.64 | 15.64 |
| EAF | 62.08 | 70.49 | 78.66 | 83.71 | 83.87 | 83.19 | 83.05 | 83.18 | 83.90 | 83.90 | 84.02 | 91.57 | 91.63 | 83.19 | 81.45 | 81.15 | 81.15 | 81.92 |

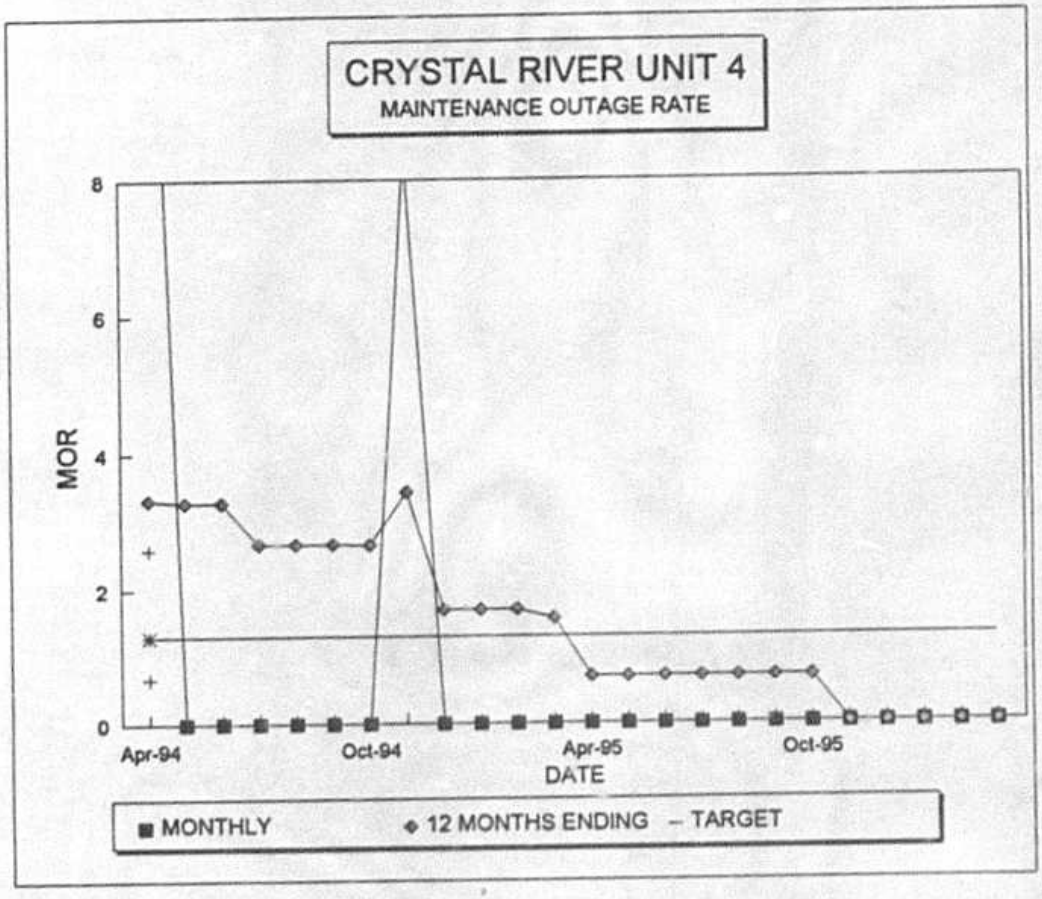
CRYSTAL RIVER

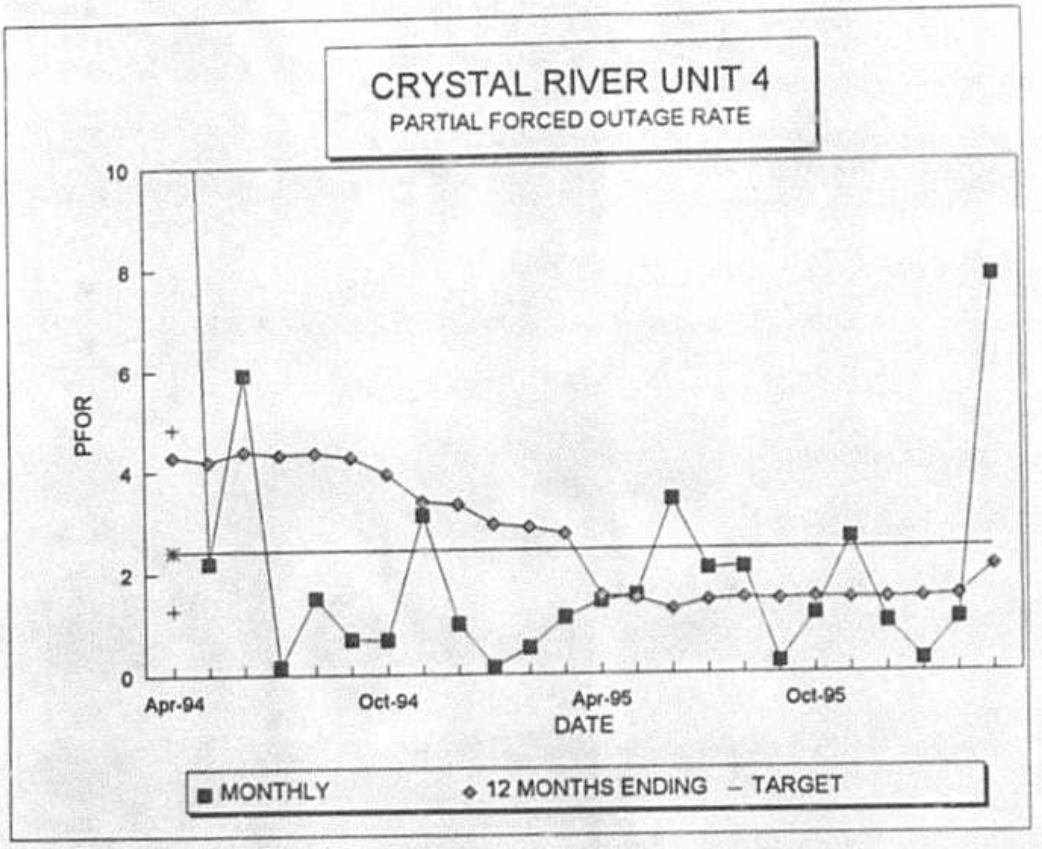
| UNIT 3 | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 696 | 744 |
| SER HOURS | 745 | 720 | 702.7 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 718.4 | 720 | 744 | 296.6 | 380.4 | 0 |
| RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 0 | 0 | 41.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.6 | 0 | 0 | 447.4 | 315.6 | 744 |
| POH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 315.6 | 744 |
| FOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 447.4 | 0 | 0 |
| MOH | 0 | 0 | 41.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.6 | 0 | 0 | 0 | 0 | 0 |
| PFOH | 11.3 | 1E-17 | 0 | 1E-17 | 1E-17 | 11.5 | 1E-17 | 9E-17 | 25 | 54.2 | 110.6 | 729.1 | 374.2 | 55.8 | 9.0E-17 | 35.4 | 8.0E-17 | 8.0E-17 |
| LRPF | 18.14 | 0.00 | 0.00 | 0.00 | 0.00 | 122.44 | 0.00 | 0.00 | 174.70 | 91.16 | 131.17 | 13.25 | 35.32 | 11.46 | 0.00 | 325.54 | 0.00 | 0.00 |
| EFOH | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 1.90 | 0.00 | 0.00 | 5.88 | 6.65 | 19.54 | 13.01 | 17.80 | 0.86 | 0.00 | 15.52 | 0.00 | 0.00 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 | 742.6 |

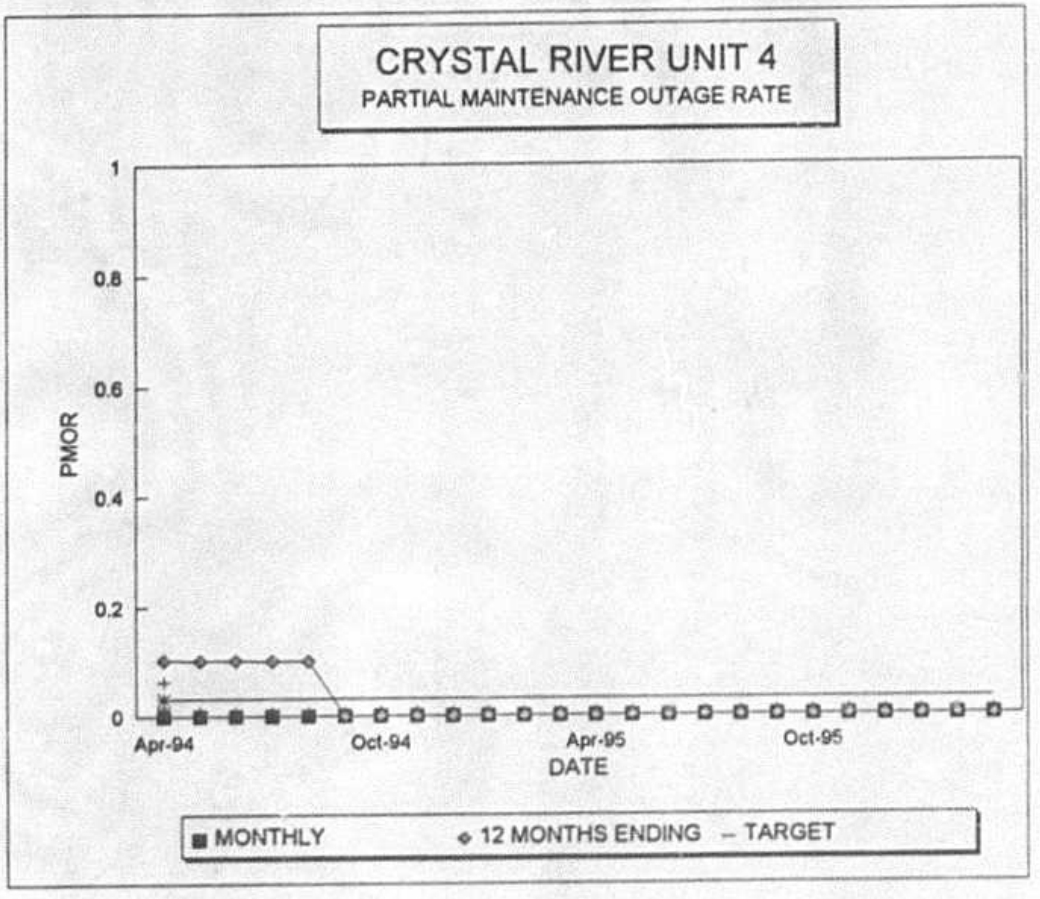
| MONTHLY | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 60.13 | 0.00 | 0.00 |
| MOR | 0.00 | 0.00 | 5.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PFOR | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.82 | 0.89 | 2.63 | 1.81 | 2.48 | 0.12 | 0.00 | 5.23 | 0.00 | 0.00 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 0.04 | 0.00 | 5.55 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.82 | 0.89 | 2.63 | 1.81 | 5.96 | 0.12 | 0.00 | 62.22 | 0.00 | 0.00 |
| EUOF | 0.04 | 0.00 | 5.55 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.82 | 0.89 | 2.63 | 1.81 | 5.96 | 0.12 | 0.00 | 62.22 | 0.00 | 0.00 |
| POF | 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 | 0.00 | 0.00 | 45.34 | 100.00 |
| EAF | 99.96 | 100.00 | 94.45 | 100.00 | 100.00 | 99.75 | 100.00 | 100.00 | 99.18 | 99.11 | 97.37 | 98.19 | 94.04 | 99.88 | 100.00 | 37.78 | 54.66 | 0.00 |

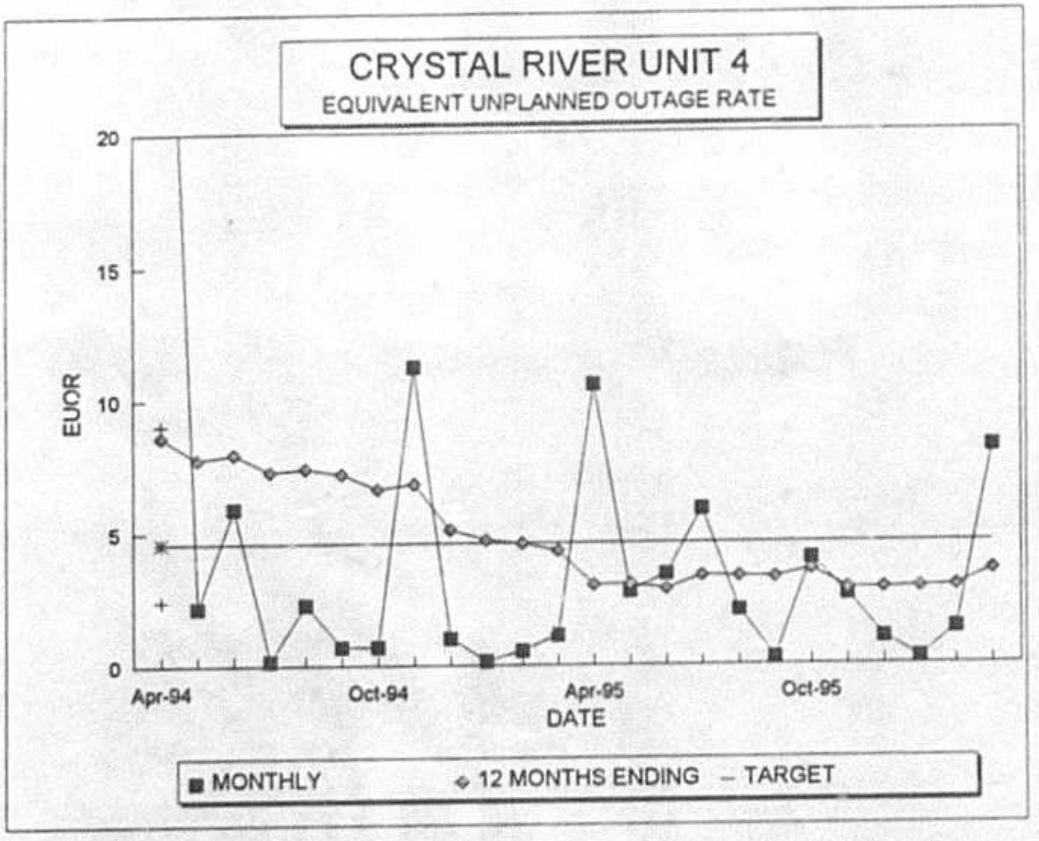
| 12 MONTHS | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.70 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.12 | 5.30 | 5.81 |
| MOR | 0.00 | 0.00 | 0.56 | 0.56 | 0.56 | 0.56 | 0.52 | 0.48 | 0.47 | 0.47 | 0.47 | 0.47 | 0.78 | 0.78 | 0.30 | 0.32 | 0.33 | 0.37 |
| PFOR | 1.81 | 1.81 | 1.80 | 1.78 | 1.78 | 1.61 | 1.01 | 0.92 | 0.43 | 0.17 | 0.39 | 0.54 | 0.75 | 0.76 | 0.75 | 0.98 | 1.02 | 1.09 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 2.54 | 2.54 | 3.08 | 3.07 | 3.07 | 2.89 | 2.21 | 2.02 | 0.90 | 0.64 | 0.86 | 1.01 | 1.51 | 1.52 | 1.05 | 6.34 | 6.56 | 7.16 |
| EUOF | 2.14 | 2.14 | 2.60 | 2.59 | 2.59 | 2.44 | 2.01 | 2.01 | 0.90 | 0.64 | 0.86 | 1.01 | 1.51 | 1.52 | 1.05 | 6.34 | 6.32 | 6.30 |
| POF | 15.64 | 15.64 | 15.64 | 15.64 | 15.64 | 15.64 | 9.08 | 0.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.59 | 12.06 |
| EAF | 82.22 | 82.22 | 81.77 | 81.78 | 81.78 | 81.92 | 88.91 | 97.40 | 99.10 | 99.36 | 99.14 | 98.99 | 98.49 | 98.48 | 98.95 | 93.66 | 90.09 | 81.64 |

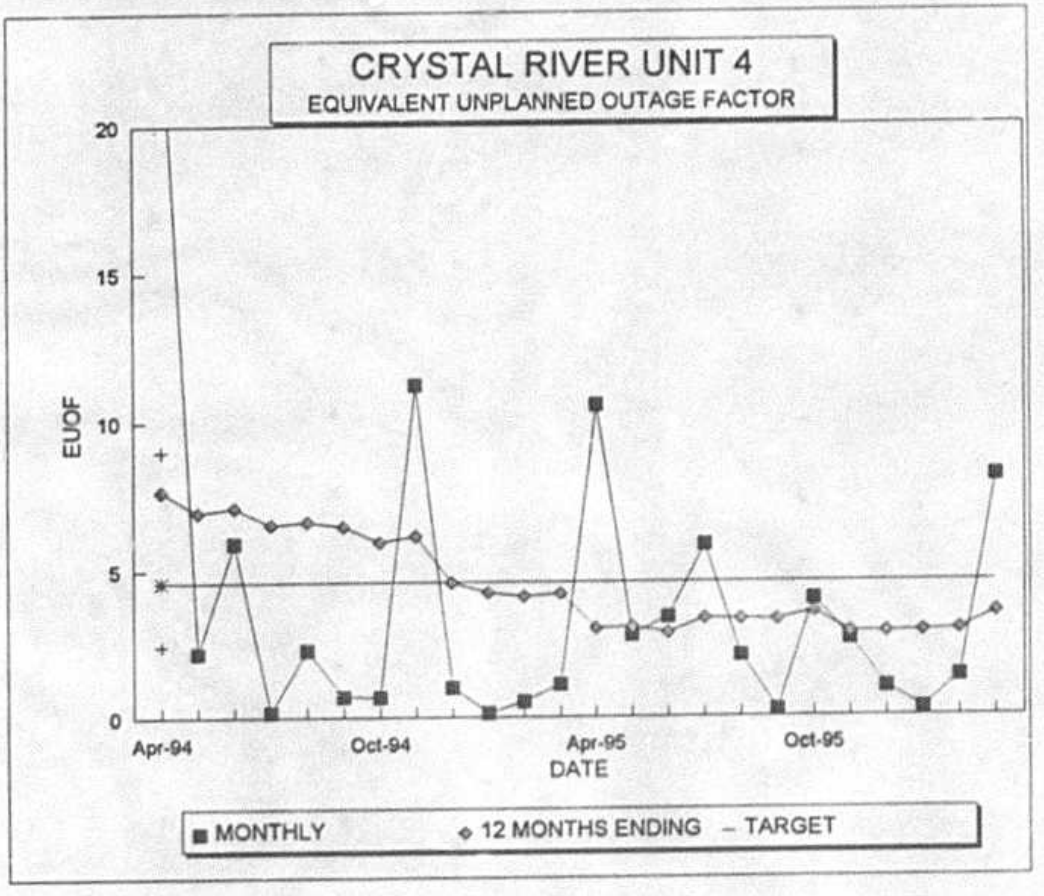

CRYSTAL RIVER UNIT 4
FORCED OUTAGE RATE
FOR
4
3
2
1
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 4
MAINTENANCE OUTAGE RATE
MOR
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 4
PARTIAL FORCED OUTAGE RATE
PFOR
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 4
PARTIAL MAINTENANCE OUTAGE RATE
PMOR
1
0.8
0.6
0.4
0.2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 4
EQUIVALENT UNPLANNED OUTAGE RATE
EUOR
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 4
EQUIVALENT UNPLANNED OUTAGE FACTOR
EUOF
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

CRYSTAL RIVER UNIT 4

| | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 |
| SER HOURS | 53.7 | 648.9 | 720 | 695.6 | 744 | 720 | 722.6 | 720 | 607.5 | 744 | 665.5 | 98.1 | 390.2 | 744 | 720 | 744 | 738 | 720 |
| RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 665.3 | 95.1 | 0 | 48.4 | 0 | 0 | 22.4 | 0 | 136.5 | 0 | 6.5 | 645.9 | 328.8 | 0 | 0 | 0 | 6 | 0 |
| POH | 665.3 | 35.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 645.9 | 256.1 | 0 | 0 | 0 | 0 | 0 |
| FOH | 0 | 59.6 | 0 | 0 | 0 | 0 | 22.4 | 0 | 0 | 0 | 6.5 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| MOH | 0 | 0 | 0 | 48.4 | 0 | 0 | 0 | 0 | 136.5 | 0 | 0 | 0 | 72.7 | 0 | 0 | 0 | 0 | 0 |
| PFOH | 2.5 | 148.8 | 196.1 | 54.8 | 96.2 | 122.2 | 331 | 720 | 88.7 | 208.4 | 121.8 | 15.3 | 322.9 | 126.1 | 201.1 | 4.3 | 124.1 | 38.8 |
| LRPF | 28.6 | 91.1 | 100.7 | 54.6 | 65.4 | 66.4 | 62.0616 | 62.0616 | 62.0616 | 102.677 | 46.5247 | 38.1918 | 229.151 | 90.1452 | 147.751 | 200.285 | 61.8462 | 88.5892 |
| EFOH | 0.10258 | 19.4486 | 28.3318 | 4.2928 | 9.02651 | 11.6414 | 29.4726 | 64.1096 | 7.89795 | 30.7 | 8.13014 | 0.83836 | 106.159 | 16.3089 | 42.6295 | 1.23562 | 11.0116 | 4.93151 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 139.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 38.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 7.65451 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 |

| MONTHLY | Oct-91 | Nov-91 | Dec-91 | Jan-92 | Feb-92 | Mar-92 | Apr-92 | May-92 | Jun-92 | Jul-92 | Aug-92 | Sep-92 | Oct-92 | Nov-92 | Dec-92 | Jan-93 | Feb-93 | Mar-93 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 8.41 | 0.00 | 0.00 | 0.00 | 0.00 | 3.01 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.00 |
| MOR | 0.00 | 0.00 | 0.00 | 6.51 | 0.00 | 0.00 | 0.00 | 0.00 | 18.35 | 0.00 | 0.00 | 0.00 | 15.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PFOR | 0.19 | 3.00 | 3.93 | 0.62 | 1.21 | 1.62 | 4.08 | 8.90 | 1.30 | 4.13 | 1.22 | 0.85 | 27.21 | 2.19 | 5.92 | 0.17 | 1.49 | 0.68 |
| PMOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 0.19 | 11.16 | 3.93 | 7.08 | 1.21 | 2.68 | 6.96 | 8.90 | 19.41 | 4.13 | 2.18 | 0.85 | 38.64 | 2.19 | 5.92 | 0.17 | 2.29 | 0.68 |
| EUOF | 0.01 | 10.62 | 3.93 | 7.08 | 1.21 | 2.68 | 6.96 | 8.90 | 19.41 | 4.13 | 2.18 | 0.11 | 24.88 | 2.19 | 5.92 | 0.17 | 2.29 | 0.68 |
| POF | 92.53 | 4.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 86.81 | 35.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 7.45 | 84.60 | 96.07 | 92.92 | 98.79 | 97.32 | 93.04 | 91.10 | 80.59 | 95.87 | 97.82 | 13.07 | 39.51 | 97.81 | 94.08 | 99.83 | 97.71 | 99.32 |

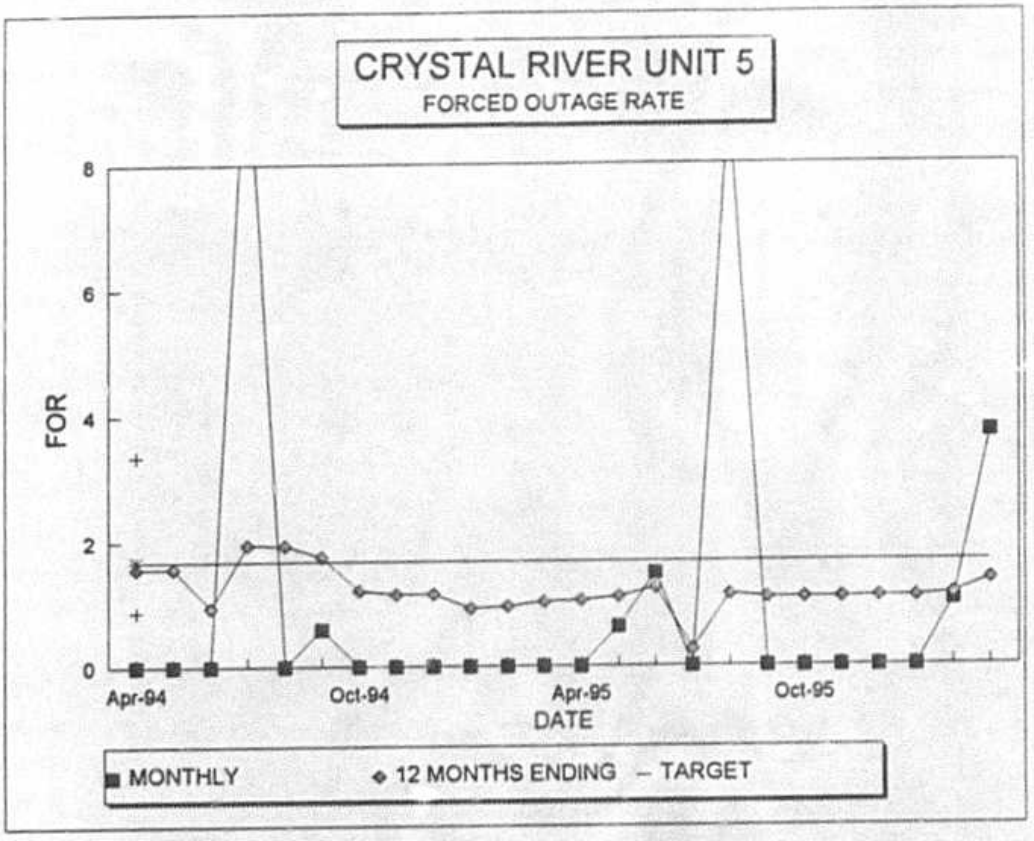
| 12 MONTHS | Oct-91 | Nov-91 | Dec-91 | Jan-92 | Feb-92 | Mar-92 | Apr-92 | May-92 | Jun-92 | Jul-92 | Aug-92 | Sep-92 | Oct-92 | Nov-92 | Dec-92 | Jan-93 | Feb-93 | Mar-93 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.45 | 1.16 | 0.95 | 0.95 | 0.95 | 0.95 | 1.16 | 1.03 | 1.05 | 1.05 | 1.13 | 1.22 | 1.17 | 0.38 | 0.38 | 0.38 | 0.46 | 0.46 |
| MOR | 3.46 | 3.27 | 0.03 | 0.64 | 0.64 | 0.61 | 0.61 | 0.61 | 2.33 | 2.33 | 2.34 | 2.52 | 3.33 | 3.29 | 3.29 | 2.67 | 2.67 | 2.67 |
| PFOR | 2.03 | 2.02 | 1.98 | 1.97 | 1.81 | 1.84 | 2.09 | 2.69 | 2.79 | 2.98 | 2.92 | 3.00 | 4.28 | 4.19 | 4.37 | 4.31 | 4.34 | 4.25 |
| PMOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 |
| EUOR | 5.83 | 6.29 | 2.93 | 3.52 | 3.36 | 3.45 | 3.91 | 4.37 | 6.13 | 6.31 | 6.33 | 6.68 | 8.61 | 7.78 | 7.96 | 7.30 | 7.41 | 7.22 |
| EUOF | 5.35 | 5.79 | 2.70 | 3.24 | 3.09 | 3.18 | 3.60 | 4.02 | 5.63 | 5.81 | 5.82 | 5.65 | 7.69 | 6.98 | 7.14 | 6.55 | 6.64 | 6.48 |
| POF | 8.20 | 8.05 | 8.05 | 8.05 | 8.05 | 8.05 | 8.05 | 8.05 | 8.05 | 8.05 | 8.05 | 15.37 | 10.70 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 |
| EAF | 86.45 | 86.16 | 89.25 | 88.71 | 88.86 | 88.77 | 88.35 | 87.93 | 86.31 | 86.14 | 86.12 | 78.98 | 81.61 | 82.73 | 82.56 | 83.15 | 83.06 | 83.22 |

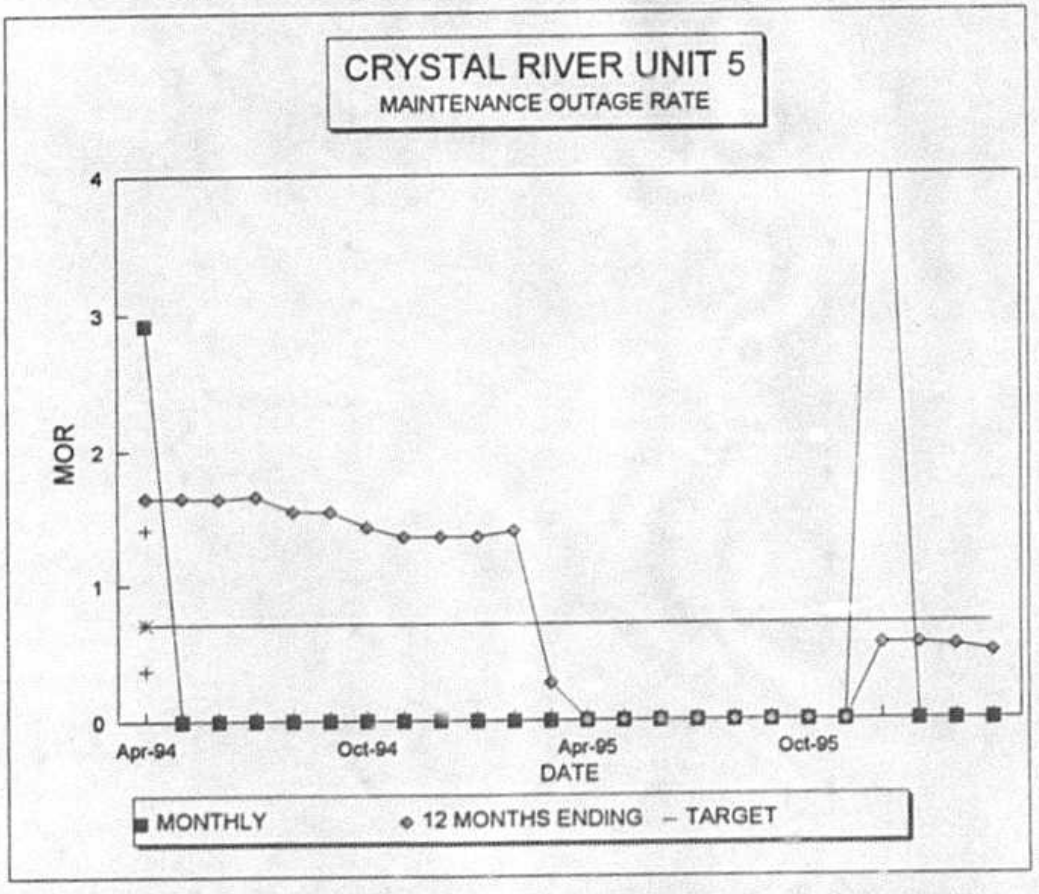
CRYSTAL
RIVER
UNIT 4

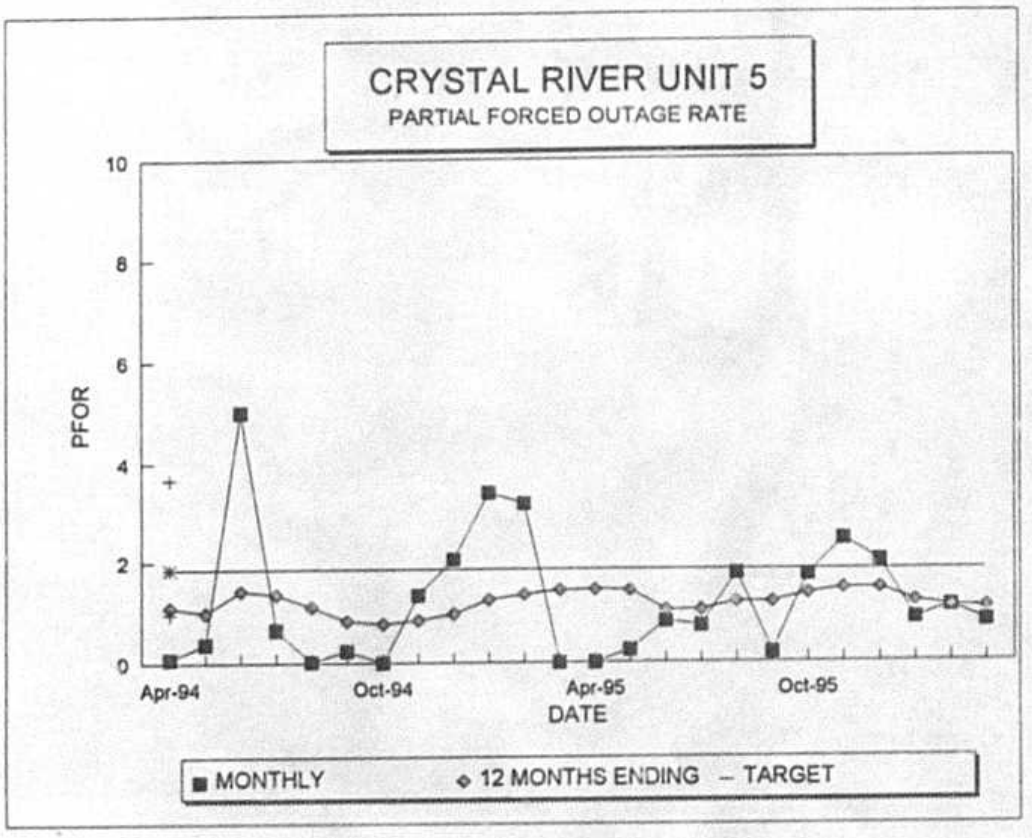
| | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 696 | 744 |
| SER HOURS | 745 | 659.6 | 744 | 744 | 672 | 744 | 652.3 | 734.7 | 720 | 715.1 | 744 | 720 | 723.6 | 720 | 744 | 744 | 693.9 | 740.8 |
| RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 0 | 60.4 | 0 | 0 | 0 | 0 | 66.7 | 9.3 | 0 | 28.9 | 0 | 0 | 21.4 | 0 | 0 | 0 | 2.1 | 3.2 |
| POH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 0 | 0 | 0 | 0 | 0 | 0 | 66.7 | 9.3 | 0 | 28.9 | 0 | 0 | 21.4 | 0 | 0 | 0 | 2.1 | 3.2 |
| MOH | 0 | 60.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFOH | 21.4 | 92.8 | 36.6 | 18.3 | 21.8 | 27.2 | 43.1 | 113.7 | 149.2 | 34.1 | 136.2 | 9.2 | 20.3 | 191.6 | 16.3 | 23.7 | 45.9 | 644.7 |
| LRPF | 163.988 | 153.919 | 139.723 | 38.1918 | 111.466 | 209.493 | 148.868 | 68.8863 | 114.243 | 299.178 | 78.3604 | 122.463 | 286.532 | 68.6196 | 313.3249 | 53.54101 | 110.2278 | 62.06164 |
| EFOH | 5.03493 | 20.4932 | 7.33699 | 1.00274 | 3.4863 | 8.17534 | 9.20548 | 11.2373 | 24.4548 | 14.637 | 15.3123 | 1.61644 | 8.34521 | 18.863 | 7.327397 | 1.820548 | 7.258904 | 57.40479 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 |

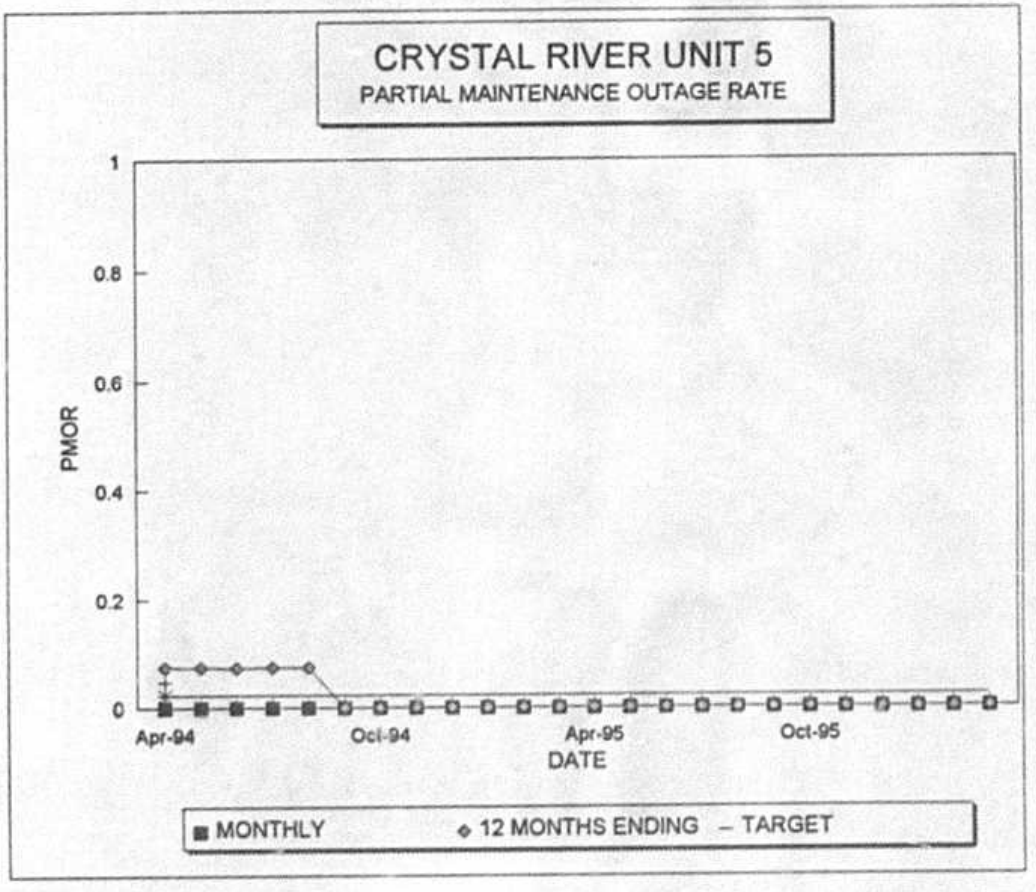
| MONTHLY | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.28 | 1.25 | 0.00 | 3.88 | 0.00 | 0.00 | 2.87 | 0.00 | 0.00 | 0.00 | 0.30 | 0.43 |
| MOR | 0.00 | 8.39 | 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 | 0.00 | 0.00 |
| PFOR | 0.68 | 3.11 | 0.99 | 0.13 | 0.52 | 1.10 | 1.41 | 1.53 | 3.40 | 2.05 | 2.06 | 0.22 | 1.15 | 2.62 | 0.98 | 0.24 | 1.05 | 7.75 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 0.68 | 11.24 | 0.99 | 0.13 | 0.52 | 1.10 | 10.56 | 2.76 | 3.40 | 5.85 | 2.06 | 0.22 | 3.99 | 2.62 | 0.98 | 0.24 | 1.34 | 8.15 |
| EUOF | 0.68 | 11.24 | 0.99 | 0.13 | 0.52 | 1.10 | 10.56 | 2.76 | 3.40 | 5.85 | 2.06 | 0.22 | 3.99 | 2.62 | 0.98 | 0.24 | 1.34 | 8.15 |
| POF | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 99.32 | 88.76 | 99.01 | 99.87 | 99.48 | 98.90 | 89.44 | 97.24 | 96.60 | 94.15 | 97.94 | 99.78 | 96.01 | 97.38 | 99.02 | 99.76 | 98.66 | 91.85 |

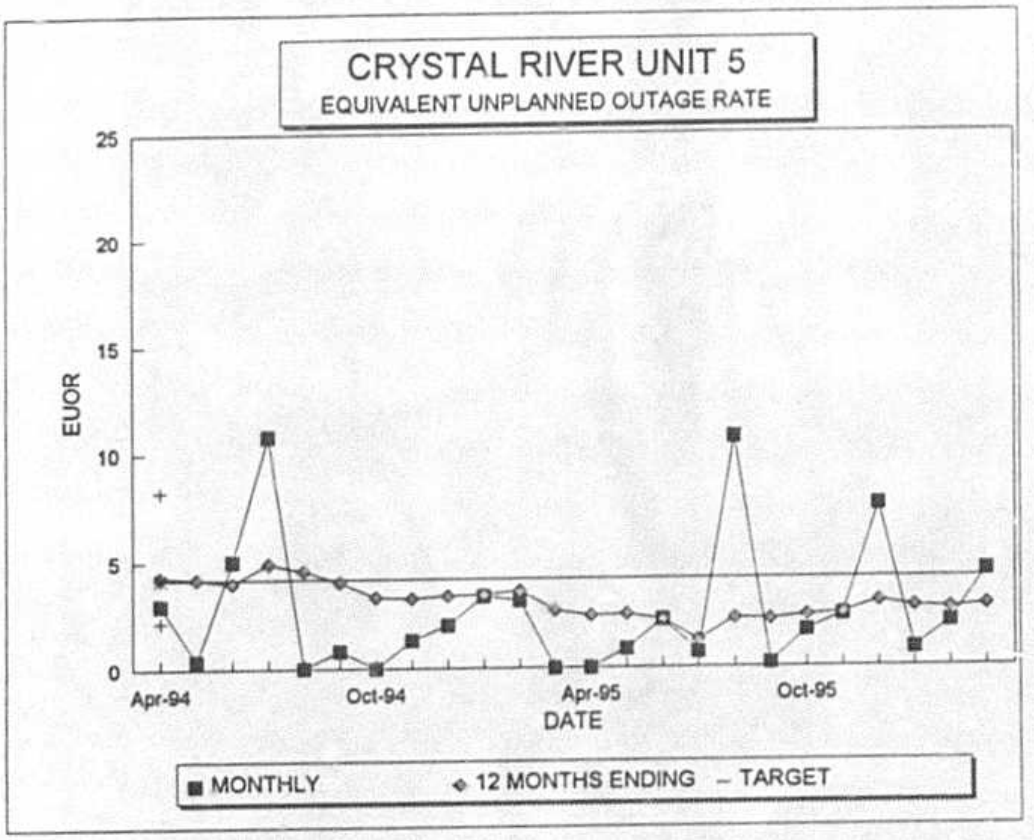
| 12 MONTHS | Apr-93 | May-93 | Jun-93 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.16 | 0.16 | 0.16 | 0.16 | 0.08 | 0.07 | 0.84 | 0.94 | 0.94 | 1.27 | 1.21 | 1.21 | 1.45 | 1.44 | 1.44 | 1.44 | 1.46 | 1.50 |
| MOR | 2.67 | 3.44 | 1.70 | 1.70 | 1.70 | 1.57 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PFOR | 3.92 | 3.37 | 3.30 | 2.92 | 2.86 | 2.72 | 1.52 | 1.46 | 1.25 | 1.41 | 1.46 | 1.42 | 1.46 | 1.43 | 1.43 | 1.44 | 1.48 | 2.05 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 6.63 | 6.84 | 5.10 | 4.72 | 4.58 | 4.31 | 3.01 | 3.06 | 2.85 | 3.34 | 3.32 | 3.28 | 3.56 | 2.85 | 2.85 | 2.86 | 2.92 | 3.52 |
| EUOF | 5.94 | 6.14 | 4.57 | 4.23 | 4.10 | 4.19 | 3.01 | 3.06 | 2.85 | 3.34 | 3.32 | 3.28 | 3.56 | 2.85 | 2.85 | 2.86 | 2.92 | 3.52 |
| POF | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | 2.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 83.76 | 83.57 | 85.13 | 85.47 | 85.60 | 92.89 | 96.99 | 96.94 | 97.15 | 96.66 | 96.68 | 96.72 | 96.44 | 97.15 | 97.15 | 97.14 | 97.08 | 96.48 |

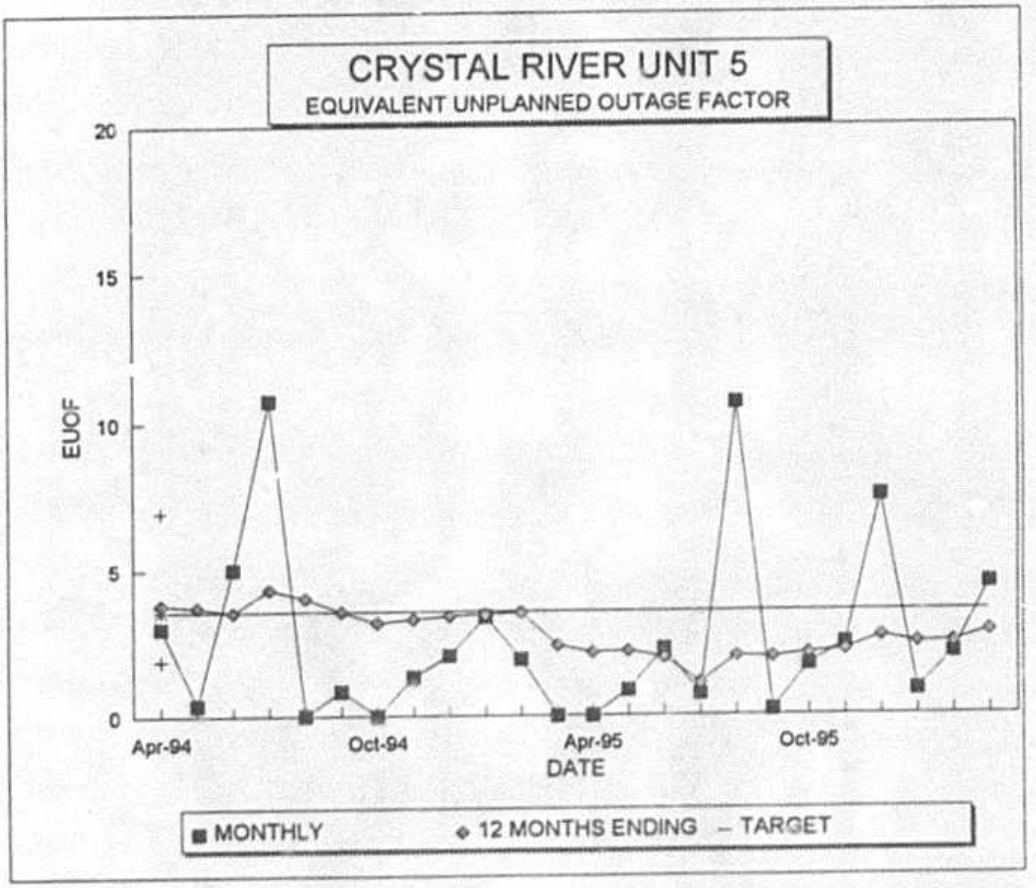

CRYSTAL RIVER UNIT 5
FORCED OUTAGE RATE
FOR
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 5
MAINTENANCE OUTAGE RATE
MOR
4
3
2
1
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 5
PARTIAL FORCED OUTAGE RATE
PFOR
10
8
6
4
2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 5
PARTIAL MAINTENANCE OUTAGE RATE
PMOR
1
0.8
0.6
0.4
0.2
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 5
EQUIVALENT UNPLANNED OUTAGE RATE
EUOR
25
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET


CRYSTAL RIVER UNIT 5
EQUIVALENT UNPLANNED OUTAGE FACTOR
EUOF
20
15
10
5
0
Apr-94
Oct-94
Apr-95
Oct-95
DATE
MONTHLY
12 MONTHS ENDING
TARGET

CRYSTAL
RIVER

| UNIT 5 | Apr-93 | May-93 | Jul-92 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 |
| SER HOURS | 634.8 | 744 | 671.9 | 744 | 735.6 | 698.7 | 111 | 273 | 744 | 724.3 | 672 | 647.9 | 698 | 744 | 720 | 668.3 | 744 | 715.7 |
| RSH | 0 | 0 | 0 | 0 | 0 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 84.2 | 0 | 48.1 | 0 | 8.4 | 18.4 | 634 | 447 | 0 | 19.7 | 0 | 96.1 | 21 | 0 | 0 | 75.7 | 0 | 4.3 |
| POH | 0 | 0 | 0 | 0 | 0 | 0 | 600.6 | 447 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 84.2 | 0 | 48.1 | 0 | 0 | 18.4 | 33.4 | 0 | 0 | 19.7 | 0 | 0 | 0 | 0 | 0 | 75.7 | 0 | 4.3 |
| MOH | 0 | 0 | 0 | 0 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 96.1 | 21 | 0 | 0 | 0 | 0 | 0 |
| PFOH | 36.6 | 34.4 | 15.9 | 27.3 | 151.6 | 87.5 | 0 | 0 | 31.9 | 6.6 | 29.3 | 17.4 | 14.3 | 15.9 | 169.5 | 11.9 | 3.5 | 14.8 |
| LRPF | 176.3 | 215.3 | 166.5 | 277.6 | 85.4 | 171.9 | 0 | 0 | 113.408 | 161.158 | 162.543 | 84.0109 | 28.6438 | 122.082 | 148.379 | 256.912 | 38.1918 | 80.5124 |
| EFOH | 9.26 | 10.63 | 3.80 | 10.87 | 18.57 | 21.58 | 0.00 | 0.00 | 5.19 | 1.53 | 6.83 | 2.10 | 0.59 | 2.78 | 36.08 | 4.39 | 0.19 | 1.71 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 81.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 47.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 5.59808 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 |

| MONTHLY | Apr-93 | May-93 | Jul-92 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 11.71 | 0.00 | 6.68 | 0.00 | 0.00 | 2.57 | 23.13 | 0.00 | 0.00 | 2.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.17 | 0.00 | 0.60 |
| MOR | 0.00 | 0.00 | 0.00 | 0.00 | 1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.92 | 2.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PFOR | 1.46 | 1.43 | 0.57 | 1.46 | 2.53 | 3.09 | 0.00 | 0.00 | 0.70 | 0.21 | 1.02 | 0.32 | 0.08 | 0.37 | 5.01 | 0.66 | 0.03 | 0.24 |
| PMOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 13.00 | 1.43 | 7.21 | 1.46 | 3.63 | 6.36 | 23.13 | 0.00 | 0.70 | 2.85 | 1.02 | 13.20 | 3.00 | 0.37 | 5.01 | 10.76 | 0.03 | 0.83 |
| EUOF | 13.00 | 1.43 | 7.21 | 1.46 | 3.63 | 6.33 | 4.48 | 0.00 | 0.70 | 2.85 | 1.02 | 13.20 | 3.00 | 0.37 | 5.01 | 10.76 | 0.03 | 0.83 |
| POF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 80.62 | 62.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 87.00 | 98.57 | 92.79 | 98.54 | 96.37 | 93.67 | 14.90 | 37.92 | 99.30 | 97.15 | 98.98 | 86.80 | 97.00 | 99.63 | 94.99 | 89.24 | 99.97 | 99.17 |

| 12 MONTHS | Apr-93 | May-93 | Jul-92 | Jul-93 | Aug-93 | Sep-93 | Oct-93 | Nov-93 | Dec-93 | Jan-94 | Feb-94 | Mar-94 | Apr-94 | May-94 | Jun-94 | Jul-94 | Aug-94 | Sep-94 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 10.66 | 10.42 | 10.96 | 9.70 | 9.71 | 9.60 | 9.84 | 2.42 | 2.42 | 2.68 | 2.68 | 2.68 | 1.58 | 1.58 | 0.94 | 1.94 | 1.94 | 1.75 |
| MOR | 0.58 | 0.00 | 0.00 | 0.00 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 1.39 | 1.65 | 1.65 | 1.64 | 1.66 | 1.55 | 1.54 |
| PFOR | 7.32 | 7.15 | 7.22 | 6.12 | 5.95 | 5.79 | 5.70 | 5.56 | 5.25 | 2.63 | 1.81 | 1.22 | 1.09 | 0.99 | 1.41 | 1.34 | 1.09 | 0.82 |
| PMOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 | 0.00 |
| EUOR | 17.63 | 16.82 | 17.40 | 15.23 | 15.18 | 14.99 | 15.14 | 8.03 | 7.72 | 5.42 | 4.63 | 5.24 | 4.31 | 4.21 | 4.00 | 4.90 | 4.55 | 4.04 |
| EUOF | 15.53 | 14.82 | 15.32 | 13.41 | 13.37 | 13.70 | 14.08 | 7.05 | 6.79 | 4.76 | 4.06 | 4.61 | 3.79 | 3.70 | 3.52 | 4.31 | 4.01 | 3.56 |
| POF | 11.90 | 11.90 | 11.90 | 11.90 | 11.90 | 8.59 | 6.94 | 12.11 | 12.11 | 12.11 | 12.11 | 11.96 | 11.96 | 11.96 | 11.96 | 11.96 | 11.96 | 11.96 |
| EAF | 72.57 | 73.28 | 72.77 | 74.69 | 74.73 | 77.71 | 78.97 | 80.84 | 81.10 | 83.13 | 83.83 | 83.43 | 84.25 | 84.34 | 84.52 | 83.73 | 84.03 | 84.48 |

CRYSTAL
RIVER
UNIT 5

| | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PER HOURS | 745 | 720 | 744 | 744 | 672 | 744 | 719 | 744 | 720 | 744 | 744 | 720 | 745 | 720 | 744 | 744 | 696 | 744 |
| SER HOURS | 745 | 720 | 744 | 744 | 407.9 | 0 | 595.3 | 739.3 | 709.3 | 744 | 676.4 | 720 | 745 | 720 | 702.1 | 744 | 688.7 | 716.3 |
| RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UH | 0 | 0 | 0 | 0 | 264.1 | 744 | 123.7 | 4.7 | 10.7 | 0 | 67.6 | 0 | 0 | 0 | 41.9 | 0 | 7.3 | 27.7 |
| POH | 0 | 0 | 0 | 0 | 264.1 | 744 | 123.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.7 | 10.7 | 0 | 67.6 | 0 | 0 | 0 | 0 | 0 | 7.3 | 27.7 |
| MOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41.9 | 0 | 0 | 0 |
| PFOH | 1E-17 | 85.8 | 95.6 | 89.2 | 38.2 | 0 | 0 | 7.4 | 22.8 | 22 | 26.3 | 2.9 | 35.4 | 135.8 | 18.6 | 9.9 | 18.3 | 10 |
| LRPF | 0 | 76.8732 | 110.55 | 196.279 | 235.249 | 0 | 0 | 165.412 | 171.905 | 167.48 | 313.449 | 298.62 | 252.508 | 90.4453 | 526.831 | 440.4593 | 282.0035 | 391.7522 |
| EFOH | 0.00 | 9.46 | 15.16 | 25.12 | 12.89 | 0.00 | 0.00 | 1.76 | 5.62 | 5.29 | 11.83 | 1.24 | 12.82 | 17.62 | 14.06 | 6.26 | 7.40 | 5.62 |
| PMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMOH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPC | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 | 697 |

| MONTHLY | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 1.49 | 0.00 | 9.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 | 3.72 |
| MOR | 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 | 5.63 | 0.00 | 0.00 | 0.00 |
| PFOR | 0.00 | 1.31 | 2.04 | 3.38 | 3.16 | 0.00 | 0.00 | 0.24 | 0.79 | 0.71 | 1.75 | 0.17 | 1.72 | 2.45 | 2.00 | 0.84 | 1.08 | 0.78 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 0.00 | 1.31 | 2.04 | 3.38 | 3.16 | 0.00 | 0.00 | 0.87 | 2.27 | 0.71 | 10.68 | 0.17 | 1.72 | 2.45 | 7.52 | 0.84 | 2.11 | 4.48 |
| EUOF | 0.00 | 1.31 | 2.04 | 3.38 | 1.92 | 0.00 | 0.00 | 0.87 | 2.27 | 0.71 | 10.68 | 0.17 | 1.72 | 2.45 | 7.52 | 0.84 | 2.11 | 4.48 |
| POF | 0.00 | 0.00 | 0.00 | 0.00 | 39.30 | 100.00 | 17.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EAF | 100.00 | 98.69 | 97.96 | 96.62 | 58.78 | 0.00 | 82.80 | 99.13 | 97.73 | 99.29 | 89.32 | 99.83 | 98.28 | 97.55 | 92.48 | 99.16 | 97.89 | 95.52 |

| 12 MONTHS | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | Oct-95 | Nov-95 | Dec-95 | Jan-96 | Feb-96 | Mar-96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FOR | 1.22 | 1.15 | 1.15 | 0.93 | 0.95 | 1.03 | 1.05 | 1.11 | 1.25 | 0.26 | 1.14 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.15 | 1.37 |
| MOR | 1.43 | 1.35 | 1.35 | 1.35 | 1.39 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 0.56 | 0.54 | 0.49 |
| PFOR | 0.76 | 0.83 | 0.95 | 1.22 | 1.33 | 1.42 | 1.43 | 1.42 | 1.01 | 1.01 | 1.18 | 1.17 | 1.34 | 1.45 | 1.44 | 1.19 | 1.08 | 1.05 |
| PMOR | 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| EUOR | 3.35 | 3.28 | 3.40 | 3.44 | 3.62 | 2.70 | 2.46 | 2.51 | 2.25 | 1.27 | 2.31 | 2.25 | 2.41 | 2.52 | 3.06 | 2.81 | 2.73 | 2.88 |
| EUOF | 3.18 | 3.28 | 3.40 | 3.44 | 3.51 | 2.39 | 2.14 | 2.19 | 1.96 | 1.11 | 2.01 | 1.96 | 2.10 | 2.20 | 2.66 | 2.45 | 2.46 | 2.84 |
| POF | 5.10 | 0.00 | 0.00 | 0.00 | 3.01 | 11.51 | 12.92 | 12.92 | 12.92 | 12.92 | 12.92 | 12.92 | 12.92 | 12.92 | 12.92 | 12.92 | 9.88 | 1.41 |
| EAF | 91.72 | 96.72 | 96.60 | 96.56 | 93.47 | 86.10 | 84.94 | 84.89 | 85.12 | 85.97 | 85.07 | 85.12 | 84.98 | 84.88 | 84.42 | 84.63 | 87.66 | 95.75 |

**FLORIDA PUBLIC UTILITIES COMPANY**
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

FERNANDINA BEACH DIVISON

| | | (a) DOLLARS | (b) MWH | (c) CENTS/KWH |
|---|---|---|---|---|
| 1 | Fuel Cost of System Net Generation (E3) | | | |
| 2 | Nuclear Fuel Disposal Costs (E2) | | | |
| 3 | Coal Car Investment | | | |
| 4 | Adjustments to Fuel Cost | | | |
| 5 | TOTAL COST OF GENERATED POWER (LINE 1 THRU 4) | 0 | 0 | 0.00000 |
| 6 | Fuel Cost of Purchased Power (Exclusive of Economy) (E7) | 2,773,610 | 150,331 | 1.84500 |
| 7 | Energy Cost of Sched C & X Econ Purch (Broker) (E9) | | | |
| 8 | Energy Cost of Other Econ Purch (Non-Broker) (E9) | | | |
| 9 | Energy Cost of Sched E Economy Purch (E9) | | | |
| 10 | Demand & Non Fuel Cost of Purch Power (E2) | 4,108,721 | 150,331 | 2.73312 |
| 10a | Demand Costs of Purchased Power | 2,526,204 * | | |
| 10b | Non-fuel Energy & Customer Costs of Purchased Power | 1,582,517 * | | |
| 11 | Energy Payments to Qualifying Facilities (E8a) | 0 | 0 | 0.00000 |
| 12 | TOTAL COST OF PURCHASED POWER (LINE 6 THRU 11) | 6,882,331 | 150,331 | 4.57812 |
| 13 | TOTAL AVAILABLE KWH (LINE 5 + LINE 12) | 6,882,331 | 150,331 | 4.57812 |
| 14 | Fuel Cost of Economy Sales (E6) | | | |
| 15 | Gain on Economy Sales (E6) | | | |
| 16 | Fuel Cost of Unit Power Sales (SL2 Partpts) (E6) | | | |
| 17 | Fuel Cost of Other Power Sales | | | |
| 18 | TOTAL FUEL COST AND GAINS OF POWER SALES | 0 | 0 | 0.00000 |
| 19 | Net Inadvertent Interchange | | | |
| 20 | TOTAL FUEL & NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19) | 6,882,331 | 150,331 | 4.57812 |
| 21 | Net Unbilled Sales | (239,069) * | (5,222) | -0.16335 |
| 22 | Company Use | 8,057 * | 176 | 0.00551 |
| 23 | T & D Losses | 412,946 * | 9,020 | 0.28215 |
| 24 | SYSTEM MWH SALES | 6,882,331 | 146,367 | 4.70243 |

* For Informational Purposes Only
** Calculation Based on Jurisdictional KWH Sales

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO. 20
COMPANY/ FPUC
WITNESS: Bradman
DATE: 8/29/96

06/19/96 C:\OC96PROJ\OC96L1F.WK4 MDN

**FLORIDA PUBLIC UTILITIES COMPANY**
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

FERNANDINA BEACH DIVISION

| | | (a) DOLLARS | (b) MWH | (c) CENTS/KWH |
|---|---|---|---|---|
| 25 | Wholesale MWH Sales | | | |
| 26 | Jurisdictional MWH Sales | 6,882,331 | 146,357 | 4.70243 |
| 26a | Jurisdictional Loss Multiplier | 1.00000 | 1.00000 | |
| 27 | Jurisdictional MWH Sales Adjusted for Line Losses | 6,882,331 | 146,357 | 4.70243 |
| 27a | GSLD MWH Sales | | 36,000 | |
| 27b | Other Classes MWH Sales | | 110,357 | |
| 27c | GSLD CP KW | | 126,000 * | |
| 28 | GPIF ** | | | |
| 29 | TRUE-UP (OVER) UNDER RECOVERY ** | 251,508 | 146,357 | 0.17185 |
| 30 | TOTAL JURISDICTIONAL FUEL COST | 7,133,839 | 146,357 | 4.87427 |
| 30a | Demand Purchased Power Costs (Line 10a) | 2,526,204 * | | |
| 30b | Non-demand Purchased Power Costs (Lines 6 + 10b + 11) | 4,356,127 * | | |
| 30c | True up Over/Under Recovery (Line 29) | 251,508 * | | |
| | APPORTIONMENT OF DEMAND COSTS | | | |
| 31 | Total Demand Costs (Line 30a) | 2,526,204 | | |
| 32 | GSLD Portion of Demand Costs (Line 30a) Including Line Losses(Line 27c x $6.18) | 778,690 | 126,000 (KW) | $6.18 /KW |
| 33 | Balance to Other Classes | 1,747,524 | 110,357 | 1.58352 |
| | APPORTIONMENT OF NON-DEMAND COSTS | | | |
| 34 | Total Non-demand Costs(Line 30b) | 4,356,127 | | |
| 35 | Total KWH Purchased (Line 12) | | 150,331 | |
| 36 | Average Cost per KWH Purchased | | | 2.89769 |
| 37 | Average Cost Adjusted for Line Losses (Line 36 x 1.03) | | | 2.96462 |
| 38 | GSLD Non-demand Costs (Line 27a x Line 37) | 1,075,652 | 36,000 | 2.98792 |
| 39 | Balance to Other Classes | 3,280,475 | 110,357 | 2.97260 |

* For Informational Purposes Only
** Calculation Based on Jurisdictional KWH Sales

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FLORIDA PUBLIC UTILITIES COMPANY
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**FLORIDA PUBLIC UTILITIES COMPANY**
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

FERNANDINA BEACH DIVISION

| | | (a) DOLLARS | (b) MWH | (c) CENTS/KWH |
|---|---|---|---|---|
| | GSLD PURCHASED POWER COST RECOVERY FACTORS | | | |
| 40a | Total GSLD Demand Costs (Line 32) | 778,680 | 126,000 (KW) | $6.18 /KW |
| 40b | Revenue Tax Factor | | | 1.01609 |
| 40c | GSLD Demand Purchased Power Factor Adjusted for Taxes & Rounded | | | $6.28 /KW |
| 40d | Total Current GSLD Non-demand Costs(Line 38) | 1,075,652 | 36,000 | 2.98792 |
| 40e | Total Non-demand Costs Including True-up | 1,075,652 | 36,000 | 2.98792 |
| 40f | Revenue Tax Factor | | | 1.01609 |
| 40g | GSLD Non-demand Costs Adjusted for Taxes & Rounded | | | 3.03600 |
| | OTHER CLASSES PURCHASED POWER COST RECOVERY FACTORS | | | |
| 41a | Total Demand & Non-demand Purchased Power Costs of Other Classes(Line 33 + 39) | 5,027,999 | 110,357 | 4.55612 |
| 41b | Less: Total Demand Cost Recovery | 1,747,524 *** | | |
| 41c | Total Other Costs to be Recovered | 3,280,475 | 110,357 | 2.97260 |
| 41d | Other Classes' Portion of True-up (Line 30c) | 251,508 | 110,357 | 0.22790 |
| 41e | Total Demand & Non-demand Costs Including True-up | 3,531,983 | 110,357 | 3.20051 |
| 42 | Revenue Tax Factor | | | 1.01609 |
| 43 | Other Classes Purchased Power Factor Adjusted for Taxes & Rounded | | | 3.252 |

44 With Line Losses:

| 45 Rate Schedule | Rate | Multiplier | Levelized Charge for Other Charges | | Levelized Charge for Demand Charges | | Levelized Adjustment |
|---|---|---|---|---|---|---|---|
| 46 RS | 522 | 1.0000 | 3.252 | + | 1.909 | = | 5.161 |
| 47 GS | 541 | 1.0000 | 3.252 | + | 2.012 | = | 5.264 |
| 48 GSD | 551 | 1.0000 | 3.252 | + | 1.043 | = | 4.295 |
| 49 OL | 531,532,533,534,535, 536,537 and 538 | 1.0000 | 3.252 | + | 0.613 | = | 3.865 |
| 50 | | | | | | | |
| 51 SL,CSL | 571,572,573,585, 586,587,588 and 591 | 1.0000 | 3.252 | + | 0.613 | = | 3.865 |

52 *** Calculation of Demand Cost Recovery

| 53 Rate Schedule | Rate Class | Estimated KWH | Demand Cost Recovery Factor | 12 CP ALLOC* | Demand Cost Recovery |
|---|---|---|---|---|---|
| 54 | | | | | |
| 55 RS | 522-1 | 62,878,340 | $0.01879 | 67.61% | $1,181,500 |
| 56 GS | 541-3,541-7 | 8,603,684 | $0.01980 | 9.75% | $170,364 |
| 57 GSD | 551-5 | 38,121,098 | $0.01026 | 22.38% | $391,096 |
| 58 OL,SL,CSL | 571,572,573,585, 586,587,588 and 591 | 753,504 | $0.00603 | 0.26% | $4,544 |
| | | Total Demand Cost Recovery | | | $1,747,524 |

* Last rate case, Docket No. 881056-EI, 12cp and 1/13 Allocator

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# FLORIDA PUBLIC UTILITIES COMPANY

Schedule E1-A

CALCULATION OF TRUE-UP SURCHARGE
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD
APRIL 1996 - SEPTEMBER 1996
BASED ON TWO MONTHS ACTUAL AND FOUR MONTHS ESTIMATED OPERATIONS

Fernandina Beach Division

| | | |
|---|---|---|
| Under-recovery of purchased power costs for the period April 1996 - September 1996. (See Schedule E1-B, Calculation of Estimated Purchased Power Costs and Calculation of True-Up and Interest Provision for the Six Month Period ended September 1996.)(Estimated) | $ | 251,508 |
| Estimated kilowatt hour sales for the months of October 1996 - March 1997 as per estimate filed with the Commission. (Excludes GSLD customers) | | 110,357,000 |
| Cents per kilowatt hour necessary to collect under-recovered purchased power costs over the period October 1996 - March 1997. | | 0.22790 |

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# FLORIDA PUBLIC UTILITIES COMPANY

CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION
**APRIL 1996 through SEPTEMBER 1996**
BASED ON TWO MONTHS ACTUAL AND FOUR MONTHS ESTIMATED
(EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule E1-B

## FERNANDINA BEACH DIVISION

| | | ACTUAL | ACTUAL | ESTIMATED | ESTIMATED | ESTIMATED | ESTIMATED | |
|---|---|---|---|---|---|---|---|---|
| | | APRIL 1996 | MAY 1996 | JUNE 1996 | JULY 1996 | AUGUST 1996 | SEPTEMBER 1996 | TOTAL |
| Total System Sales - KWH | | 27,218,755 | 25,874,557 | 26,882,030 | 31,010,556 | 30,778,960 | 30,162,072 | 171,926,930 |
| CCA Purchases - KWH | | 190,800 | 317,900 | 400,000 | 400,000 | 400,000 | 400,000 | 2,108,700 |
| JEA Purchases - KWH | | 28,819,112 | 30,447,793 | 29,155,734 | 33,399,126 | 32,369,[illegible] | 29,066,848 | 183,257,659 |
| System Billing Demand - KW | | 63,706 | 67,245 | 73,800 | 73,800 | 71,800 | 71,800 | 422,151 |
| Purchased Power Rates: | | | | | | | | |
| CCA Fuel Costs - $/KWH | | 0.018700 | 0.018700 | 0.018700 | 0.018700 | 0.018700 | 0.018700 | |
| Base Fuel Costs - $/KWH | | 0.01845 | 0.01845 | 0.01845 | 0.01845 | 0.01845 | 0.01845 | |
| Fuel Adjustment - $/KWH | | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | |
| Demand and Non-Fuel: | | | | | | | | |
| Demand Charge - $/KW | | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | |
| Customer Charge - $ | | 225.00 | 225.00 | 225.00 | 225.00 | 225.00 | 225.00 | |
| Energy Charge (Excl. Fuel) $/KWH | | 0.01205 | 0.01205 | 0.01205 | 0.01205 | 0.01205 | 0.01205 | |
| Purchased Power Costs: | | | | | | | | |
| CCA Fuel Costs | | 3,568 | 5,945 | 7,480 | 7,480 | 7,480 | 7,480 | 39,433 |
| JEA Base Fuel Costs | | 531,713 | 561,762 | 537,923 | 616,214 | 597,209 | 536,283 | 3,381,104 |
| JEA Fuel Adjustment | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal Fuel Costs | | 535,281 | 567,707 | 545,403 | 623,694 | 604,689 | 543,763 | 3,420,537 |
| Demand and Non-Fuel Costs: | | | | | | | | |
| Demand Charge | | 382,236 | 403,470 | 442,800 | 442,800 | 430,800 | 430,800 | 2,532,906 |
| Customer Charge | | 225 | 225 | 225 | 225 | 225 | 225 | 1,350 |
| Energy Charge | | 347,270 | 366,896 | 351,327 | 402,459 | 390,047 | 350,256 | 2,208,255 |
| Subtotal Demand & Non-Fuel Costs | | 729,731 | 770,591 | 794,352 | 845,484 | 821,072 | 781,281 | 4,742,511 |
| Total System Purchased Power Costs | | 1,265,012 | 1,338,298 | 1,339,755 | 1,469,178 | 1,425,761 | 1,325,044 | 8,163,048 |
| Less Direct Billing To GSLD Class: | | | | | | | | |
| Demand | | 179,811 | 90,656 | 166,860 | 166,860 | 166,860 | 166,860 | 937,907 |
| Commodity | | 335,398 | 250,873 | 187,550 | 187,668 | 187,642 | 187,547 | 1,336,678 |
| Net Purchased Power Costs | | 749,803 | 996,769 | 985,345 | 1,114,650 | 1,071,259 | 970,637 | 5,888,463 |
| Sales Revenues | | | | | | | | |
| Fuel Adjustment Revenues: | Rate | | | | | | | |
| RS | 0.04662 | 425,274 | 448,848 | 547,869 | 704,971 | 697,905 | 653,631 | 3,478,498 |
| GS | 0.04764 | 67,145 | 69,596 | 78,468 | 85,242 | 84,288 | 87,502 | 472,261 |
| GSD | 0.04025 | 236,152 | 267,781 | 296,112 | 320,944 | 318,528 | 329,207 | 1,768,724 |
| OL | 0.03772 | 1,789 | 1,770 | 1,752 | 1,752 | 1,752 | 1,752 | 10,567 |
| SL,CSL | 0.03772 | 2,957 | 2,709 | 2,996 | 2,996 | 2,996 | 2,996 | 17,650 |
| Total Fuel Revenues (Excl. GSLD) | | 733,317 | 790,704 | 927,217 | 1,115,905 | 1,105,469 | 1,075,088 | 5,747,700 |
| GSLD Fuel Revenues | | 515,209 | 341,529 | 354,410 | 354,528 | 354,502 | 354,407 | 2,274,585 |
| Non-Fuel Revenues | | 457,617 | 448,884 | 427,263 | 484,007 | 480,209 | 470,055 | 2,768,035 |
| Total Sales Revenue | | 1,706,143 | 1,581,117 | 1,708,890 | 1,954,440 | 1,940,180 | 1,899,550 | 10,790,320 |
| KWH Sales: | | | | | | | | |
| RS | | 9,118,013 | 9,626,050 | 11,751,804 | 15,121,638 | 14,970,085 | 14,020,406 | 74,607,996 |
| GS | | 1,409,431 | 1,460,870 | 1,647,531 | 1,789,290 | 1,769,266 | 1,836,734 | 9,913,122 |
| GSD | | 5,865,506 | 6,652,941 | 7,356,827 | 7,973,760 | 7,913,741 | 8,179,064 | 43,941,839 |
| GSLD | | 10,700,000 | 8,015,940 | 6,000,000 | 6,000,000 | 6,000,000 | 6,000,000 | 42,715,940 |
| OL | | 47,424 | 46,925 | 46,437 | 46,437 | 46,437 | 46,437 | 280,097 |
| SL,CSL | | 78,381 | 71,831 | 79,431 | 79,431 | 79,431 | 79,431 | 467,936 |
| Total KWH Sales | | 27,218,755 | 25,874,557 | 26,882,030 | 31,010,556 | 30,778,960 | 30,162,072 | 171,926,930 |
| | | | | | | | | Period to Date |
| True-up Calculation (Excl. GSLD): | | | | | | | | |
| Fuel Revenues | | 733,317 | 790,704 | 927,217 | 1,115,905 | 1,105,469 | 1,075,088 | 5,747,700 |
| True-up Provision | | 17,145 | 17,145 | 17,145 | 17,145 | 17,145 | 17,147 | 102,872 |
| Gross Receipts Tax Refund | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fuel Revenue | | 716,172 | 773,559 | 910,072 | 1,098,760 | 1,088,[illegible] | 1,057,941 | 5,644,828 |
| Net Purchased Power Costs | | 749,803 | 996,769 | 985,345 | 1,114,650 | 1,071,259 | 970,637 | 5,888,463 |
| True-up Provision for the Period | | (33,631) | (223,210) | (75,273) | (15,890) | 17,065 | 87,304 | (243,635) |
| Interest Provision for the Period | | (505) | (1,003) | (1,602) | (1,737) | (1,665) | (1,361) | (7,873) |
| True-up and Interest Provision Beginning of Period | | (102,872) | (119,863) | (326,931) | (386,661) | (387,143) | (354,598) | (102,872) |
| True-up Collected or (Refunded) | | 17,145 | 17,145 | 17,145 | 17,145 | 17,145 | 17,147 | 102,872 |
| End of Period, Net True-up | | (119,863) | (326,931) | (386,661) | (387,143) | (354,598) | (251,508) | (251,508) |
| Interest Provision: | | | | | | | | |
| Beginning True-up Amount | | (102,872) | (119,863) | (326,931) | (386,661) | (387,143) | (354,598) | |
| Ending True-up Amount Before Interest | | (119,358) | (325,928) | (385,059) | (385,406) | (352,933) | (250,147) | |
| Total Beginning and Ending True-up | | (222,230) | (445,791) | (711,990) | (772,067) | (740,076) | (604,745) | |
| Average True-up Amount | | (111,115) | (222,896) | (355,995) | (386,034) | (370,038) | (302,373) | |
| Interest Rate | | 5.4500% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | |
| Monthly Average Interest Rate | | 0.4542% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | |
| Interest Provision | | (505) | (1,003) | (1,602) | (1,737) | (1,665) | (1,361) | |

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FLORIDA PUBLIC UTILITIES COMPANY
FERNANDINA BEACH DIVISION
COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTIONS
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
FOR THE PERIOD APRIL 1996 - SEPTEMBER 1996

| | | DOLLARS | | | | MWH | | | | CENTS/KWH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % |
| 1 | Fuel Cost of System Net Generation (A3) | | | | | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 2 | Nuclear Fuel Disposal Cost (A13) | | | | | | | | | | | | |
| 3 | Coal Car Investment | | | | | | | | | | | | |
| 4 | Adjustments to Fuel Cost (A2, Page 1) | | | | | | | | | | | | |
| 5 | TOTAL COST OF GENERATED POWER | 0 | 0 | 0 | 0.0% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 6 | Fuel Cost of Purchased Power (Exclusive of Economy) (A8) | 3,381,104 | 3,189,790 | 191,314 | 6.0% | 183,257 | 172,888 | 10,369 | 6.0% | 1.84501 | 1.84500 | 0.00001 | 0.0% |
| 7 | Energy Cost of Sched C & X Econ Purch (Broker)(A9) | | | | | | | | | | | | |
| 8 | Energy Cost of Other Econ Purch (Non-Broker)(A9) | | | | | | | | | | | | |
| 9 | Energy Cost of Sched E Economy Purch (A9) | | | | | | | | | | | | |
| 10 | Demand and Non Fuel Cost of Purchased Power (A9) | 4,742,511 | 4,621,456 | 121,055 | 2.6% | 183,257 | 172,888 | 10,369 | 6.0% | 2.58790 | 2.67309 | (0.08519) | -3.2% |
| 11 | Energy Payments to Qualifying Facilities (A8a) | 39,433 | 44,880 | (5,447) | -12.1% | 2,109 | 2,400 | (291) | -12.1% | 1.86975 | 1.87000 | (0.00025) | -0.0% |
| 12 | TOTAL COST OF PURCHASED POWER | 8,163,048 | 7,856,126 | 306,922 | 3.9% | 185,366 | 175,288 | 10,078 | 5.8% | 4.40375 | 4.48184 | (0.07809) | -1.7% |
| 13 | TOTAL AVAILABLE MWH (LINE 5 + LINE 12) | | | | | 185,366 | 175,288 | 10,078 | 5.8% | | | | |
| 14 | Fuel Cost of Economy Sales (A7) | | | | | | | | | | | | |
| 15 | Gain on Economy Sales (A7a) | | | | | | | | | | | | |
| 16 | Fuel Cost of Unit Power Sales (SL2 Partpts)(A7) | | | | | | | | | | | | |
| 17 | Fuel Cost of Other Power Sales (A7) | | | | | | | | | | | | |
| 18 | TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17) | 0 | 0 | 0 | 0.0% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 19 | NET INADVERTENT INTERCHANGE (A10) | | | | | | | | | | | | |
| 20 | TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 5 + 12 + 18 + 19) | 8,163,048 | 7,856,126 | 306,922 | 3.9% | 185,366 | 175,288 | 10,078 | 5.8% | 4.40375 | 4.48184 | (0.07809) | -1.7% |
| 21 | Net Unbilled Sales (A4) | 92,567 * | 38,947 * | 53,620 | 137.7% | 2,102 | 869 | 1,233 | 141.9% | 0.05384 | 0.02379 | 0.03005 | 126.3% |
| 22 | Company Use (A4) | 9,468 * | 9,188 * | 280 | 3.1% | 215 | 205 | 10 | 4.9% | 0.00551 | 0.00561 | (0.00010) | -1.8% |
| 23 | T & D Losses (A4) | 489,785 * | 471,355 * | 18,430 | 3.9% | 11,122 | 10,517 | 605 | 5.8% | 0.28488 | 0.28794 | (0.00306) | -1.1% |
| 24 | SYSTEM KWH SALES | 8,163,048 | 7,856,126 | 306,922 | 3.9% | 171,927 | 163,697 | 8,230 | 5.0% | 4.74798 | 4.79918 | (0.05120) | -1.1% |
| 25 | Wholesale KWH Sales | | | | | | | | | | | | |
| 26 | Jurisdictional KWH Sales | 8,163,048 | 7,856,126 | 306,922 | 3.9% | 171,927 | 163,697 | 8,230 | 5.0% | 4.74798 | 4.79918 | (0.05120) | -1.1% |
| 26a | Jurisdictional Loss Multiplier | 1.000 | 1.000 | 0.000 | 0.0% | 1.000 | 1.000 | 0.000 | 0.0% | 1.000 | 1.000 | 0.00000 | 0.0% |
| 27 | Jurisdictional KWH Sales Adjusted for Line Losses | 8,163,048 | 7,856,126 | 306,922 | 3.9% | 171,927 | 163,697 | 8,230 | 5.0% | 4.74798 | 4.79918 | (0.05120) | -1.1% |
| 28 | GPIF** | | | | | | | | | | | | |
| 29 | TRUE-UP** | (102,872) | 52,680 | (155,552) | -295.3% | 171,927 | 163,697 | 8,230 | 5.0% | (0.05983) | 0.03218 | (0.09201) | -285.9% |
| 30 | TOTAL JURISDICTIONAL FUEL COST | 8,060,176 | 7,908,806 | 151,370 | 1.9% | 171,927 | 163,697 | 8,230 | 5.0% | 4.68814 | 4.83137 | (0.14323) | -3.0% |
| 31 | Revenue Tax Factor | | | | | | | | | 1.01609 | 1.01609 | 0.00000 | 0.0% |
| 32 | Fuel Factor Adjusted for Taxes | | | | | | | | | 4.76357 | 4.90911 | (0.14554) | -3.0% |
| 33 | FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH) | | | | | | | | | 4.764 | 4.909 | (0.145) | -3.0% |

*Included for Informational Purposes Only
**Calculation Based on Jurisdictional KWH Sales

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# FLORIDA PUBLIC UTILITIES COMPANY

SCHEDULE E2

FERNANDINA BEACH DIVISION

FUEL & PURCHASED POWER COST RECOVERY CLAUSE CALCULATION

FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| LINE NO. | | (a) OCTOBER | (b) NOVEMBER | (c) ESTIMATED DECEMBER | (d) JANUARY | (e) FEBRUARY | (f) MARCH | (g) TOTAL PERIOD | LINE NO. |
|---|---|---|---|---|---|---|---|---|---|
| 1 | FUEL COST OF SYSTEM GENERATION | | | | | | | 0 | 1 |
| 1a | NUCLEAR FUEL DISPOSAL | | | | | | | 0 | 1a |
| 2 | FUEL COST OF POWER SOLD | | | | | | | 0 | 2 |
| 3 | FUEL COST OF PURCHASED POWER | 449,967 | 432,142 | 475,015 | 506,666 | 453,526 | 454,294 | 2,773,610 | 3 |
| 3a | DEMAND & NON FUEL COST OF PUR POW | 682,906 | 689,264 | 706,465 | 720,445 | 675,878 | 633,763 | 4,108,721 | 3a |
| 3b | QUALIFYING FACILITIES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3b |
| 4 | ENERGY COST OF ECONOMY PURCHASES | | | | | | | 0 | 4 |
| 5 | TOTAL FUEL & NET POWER TRANSACTION (SUM OF LINES A-1 THRU A-4) | 1,132,873 | 1,121,406 | 1,181,480 | 1,229,111 | 1,129,404 | 1,088,057 | 6,882,331 | 5 |
| 5a | LESS: TOTAL DEMAND COST RECOVERY | 259,020 | 277,020 | 266,220 | 340,932 | 323,412 | 280,920 | 1,747,524 | 5a |
| 5b | TOTAL OTHER COST TO BE RECOVERED | 873,853 | 844,386 | 915,260 | 888,179 | 805,992 | 807,137 | 5,134,807 | 5b |
| 6 | APPORTIONMENT TO GSLD CLASS | 318,327 | 318,329 | 318,324 | 299,780 | 299,786 | 299,786 | 1,854,332 | 6 |
| 6a | BALANCE TO OTHER CLASSES | 555,526 | 526,057 | 596,936 | 588,399 | 506,206 | 507,351 | 3,280,475 | 6a |
| 6b | SYSTEM KWH SOLD (MWH) | 24,733 | 22,226 | 23,834 | 26,447 | 25,643 | 23,474 | 146,357 | 6b |
| 7 | GSLD MWH SOLD | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 36,000 | 7 |
| 7a | BALANCE MWH SOLD OTHER CLASSES | 18,733 | 16,226 | 17,834 | 20,447 | 19,643 | 17,474 | 110,357 | 7a |
| 7b | COST PER KWH SOLD (CENTS/KWH) APPLICABLE TO OTHER CLASSES | 2.96549 | 3.24206 | 3.34718 | 2.87768 | 2.57703 | 2.90346 | 2.9728 | 7b |
| 8 | JURISDICTIONAL LOSS MULTIPLIER | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 8 |
| 9 | JURISDICTIONAL COST (CENTS/KWH) | 2.96549 | 3.24206 | 3.34718 | 2.87768 | 2.57703 | 2.90346 | 2.97260 | 9 |
| 10 | GPIF (CENTS/KWH) | | | | | | | | 10 |
| 11 | TRUE-UP (CENTS/KWH) | 0.22790 | 0.22790 | 0.22790 | 0.22790 | 0.22790 | 0.22790 | 0.22790 | 11 |
| 12 | TOTAL | 3.19339 | 3.46996 | 3.57508 | 3.10558 | 2.80493 | 3.13136 | 3.20050 | 12 |
| 13 | REVENUE TAX FACTOR 0.01609 | 0.05138 | 0.05583 | 0.05752 | 0.04997 | 0.04513 | 0.05038 | 0.05150 | 13 |
| 14 | RECOVERY FACTOR ADJUSTED FOR TAXE | 3.24478 | 3.52580 | 3.63261 | 3.15555 | 2.85007 | 3.18175 | 3.25200 | 14 |
| 15 | RECOVERY FACTOR ROUNDED TO NEAREST .001 CENT/KWH | 3.245 | 3.528 | 3.633 | 3.156 | 2.85 | 3.182 | 3.252 | 15 |

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SCHEDULE E7

# FLORIDA PUBLIC UTILITIES COMPANY
## FERNANDINA BEACH DIVISION
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | CENTS/KWH | | |
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL KWH PURCHASED | KWH FOR OTHER UTILITIES | KWH FOR INTERRUPTIBLE | KWH FOR FIRM | (A) FUEL COST | (B) TOTAL COST | TOTAL $ FOR FUEL ADJ. (7) x (8) (A) |
| OCTOBER 1996 | JACKSONVILLE ELECTRIC AUTHORITY | MS | 24,389,000 | | | 24,389,000 | 1.844959 | 4.645016 | 449,967 |
| NOVEMBER 1996 | JACKSONVILLE ELECTRIC AUTHORITY | MS | 23,422,000 | | | 23,422,000 | 1.845026 | 4.787832 | 432,142 |
| DECEMBER 1996 | JACKSONVILLE ELECTRIC AUTHORITY | MS | 25,746,000 | | | 25,746,000 | 1.845005 | 4.588985 | 475,015 |
| JANUARY 1997 | JACKSONVILLE ELECTRIC AUTHORITY | MS | 27,570,000 | | | 27,570,000 | 1.844998 | 4.458147 | 508,666 |
| FEBRUARY 1997 | JACKSONVILLE ELECTRIC AUTHORITY | MS | 24,581,000 | | | 24,581,000 | 1.845027 | 4.594622 | 453,526 |
| MARCH 1997 | JACKSONVILLE ELECTRIC AUTHORITY | MS | 24,623,000 | | | 24,623,000 | 1.844999 | 4.418864 | 454,294 |
| TOTAL | | | 150,331,000 | 0 | 0 | 150,331,000 | 1.845002 | 4.578118 | 2,773,610 |

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SCHEDULE E8

# FLORIDA PUBLIC UTILITIES COMPANY
FERNANDINA BEACH DIVISION
PURCHASED POWER
ENERGY PAYMENT TO QUALIFYING FACILITIES

ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL KWH PURCHASED | KWH FOR OTHER UTILITIES | KWH FOR INTERRUPTIBLE | KWH FOR FIRM | CENTS/KWH (A) FUEL COST | CENTS/KWH (B) TOTAL COST | TOTAL $ FOR FUEL ADJ. (7) x (8) (A) |
| OCTOBER 1996 | CONTAINER CORPORATION OF AMERICA | | 0 | | | 0 | 0.000000 | 0.000000 | 0 |
| NOVEMBER 1996 | CONTAINER CORPORATION OF AMERICA | | 0 | | | 0 | 0.000000 | 0.000000 | 0 |
| DECEMBER 1996 | CONTAINER CORPORATION OF AMERICA | | 0 | | | 0 | 0.000000 | 0.000000 | 0 |
| JANUARY 1997 | CONTAINER CORPORATION OF AMERICA | | 0 | | | 0 | 0.000000 | 0.000000 | 0 |
| FEBRUARY 1997 | CONTAINER CORPORATION OF AMERICA | | 0 | | | 0 | 0.000000 | 0.000000 | 0 |
| MARCH 1997 | CONTAINER CORPORATION OF AMERICA | | 0 | | | 0 | 0.000000 | 0.000000 | 0 |
| TOTAL | | | 0 | 0 | 0 | 0 | 0.000000 | 0.000000 | 0 |

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SCHEDULE E10

# FLORIDA PUBLIC UTILITIES COMPANY
## FERNANDINA BEACH DIVISION
## RESIDENTIAL BILL COMPARISON
## FOR MONTHLY USAGE OF 1000 KWH

ESTIMATED FOR THE PERIOD* OF: OCTOBER 1996 - MARCH 1997

| | OCTOBER 1996 | NOVEMBER 1996 | DECEMBER 1996 | JANUARY 1997 | FEBRUARY 1997 | MARCH 1997 | PERIOD TOTAL |
|---|---|---|---|---|---|---|---|
| BASE RATE REVENUES ** $ | 19.29 | 19.29 | 19.29 | 19.29 | 19.29 | 19.29 | 115.74 |
| FUEL RECOVERY FACTOR CENTS/KWH | 5.161 | 5.161 | 5.161 | 5.161 | 5.161 | 5.161 | |
| GROUP LOSS MULTIPLIER | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| FUEL RECOVERY REVENUES $ | 51.61 | 51.61 | 51.61 | 51.61 | 51.61 | 51.61 | 309.66 |
| GROSS RECEIPTS TAX | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 | 4.38 |
| TOTAL REVENUES *** $ | 71.63 | 71.63 | 71.63 | 71.63 | 71.63 | 71.63 | 429.78 |

* MONTHLY AND CUMULATIVE SIX MONTH ESTIMATED DATA

** BASE RATE REVENUES:

| | |
|---|---|
| CUSTOMER CHARGE | 7.00 |
| CENTS/KWH | 12.20 |
| CONSERVATION FACTOR | 0.09 |
| | 19.29 |

*** EXCLUDES FRANCHISE TAXES

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FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD
PERIOD OCTOBER 1996 - MARCH 1997
BASED ON SIX MONTHS ESTIMATED

Schedule F1

**FERNANDINA BEACH**

| | | Estimated OCTOBER 1996 | Estimated NOVEMBER 1996 | Estimated DECEMBER 1996 | Estimated JANUARY 1997 | Estimated FEBRUARY 1997 | Estimated MARCH 1997 | Total Estimated |
|---|---|---|---|---|---|---|---|---|
| Total System Sales - KWH | | 24,733,371 | 22,226,012 | 23,834,267 | 26,446,789 | 25,642,470 | 23,473,717 | 146,356,626 |
| CCA Purchases - KWH | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JEA Purchases - KWH | | 24,388,481 | 23,422,318 | 25,746,050 | 27,569,940 | 24,581,343 | 24,623,005 | 150,331,146 |
| System Billing Demand - KW | | 64,800 | 67,800 | 66,000 | 78,452 | 75,532 | 68,450 | 421,034 |
| Purchased Power Rates: | | | | | | | | |
| CCA Fuel Costs - $/KWH | | 0.018700 | 0.018700 | 0.018700 | 0.018700 | 0.018700 | 0.018700 | |
| Base Fuel Costs - $/KWH | | 0.01845 | 0.01845 | 0.01845 | 0.01845 | 0.01845 | 0.01845 | |
| Fuel Adjustment - $/KWH | | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | |
| Demand and Non-Fuel: | | | | | | | | |
| Demand Charge - $/KW | | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | |
| Customer Charge - $ | | 225.00 | 225.00 | 225.00 | 225.00 | 225.00 | 225.00 | |
| Energy Charge (Excl. Fuel) $/KWH | | 0.01205 | 0.01205 | 0.01205 | 0.00905 | 0.00905 | 0.00905 | |
| Purchased Power Costs: | | | | | | | | |
| CCA Fuel Costs | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JEA Base Fuel Costs | | 449,967 | 432,142 | 475,015 | 508,866 | 453,526 | 454,294 | 2,773,610 |
| JEA Fuel Adjustment | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal Fuel Costs | | 449,967 | 432,142 | 475,015 | 508,866 | 453,526 | 454,294 | 2,773,610 |
| Demand and Non-Fuel Costs: | | | | | | | | |
| Demand Charge | | 388,800 | 406,800 | 396,000 | 470,712 | 453,192 | 410,700 | 2,526,204 |
| Customer Charge | | 225 | 225 | 225 | 225 | 225 | 225 | 1,350 |
| Energy Charge | | 293,881 | 282,239 | 310,240 | 249,508 | 222,461 | 222,838 | 1,581,167 |
| Subtotal Demand & Non-Fuel Costs | | 682,906 | 689,264 | 706,465 | 720,445 | 675,878 | 633,763 | 4,108,721 |
| Total System Purchased Power Costs | | 1,132,873 | 1,121,406 | 1,181,480 | 1,229,111 | 1,129,404 | 1,088,057 | 6,882,331 |
| Less Direct Billing To GSLD Class: | | | | | | | | |
| Demand | | 129,780 | 129,780 | 129,780 | 129,780 | 129,780 | 129,780 | 778,680 |
| Commodity | | 188,547 | 188,549 | 188,544 | 170,000 | 170,006 | 170,006 | 1,075,652 |
| Net Purchased Power Costs | | 814,546 | 803,077 | 863,156 | 929,331 | 829,618 | 788,271 | 5,027,999 |
| Sales Revenues | | | | | | | | |
| Fuel Adjustment Revenues: | Rate | | | | | | | |
| RS | 0.05079 | 506,163 | 420,479 | 502,155 | 639,370 | 606,668 | 516,757 | 3,193,592 |
| GS | 0.05181 | 82,285 | 74,341 | 74,338 | 74,188 | 72,129 | 68,477 | 445,758 |
| GSD | 0.04227 | 296,152 | 269,958 | 269,968 | 266,346 | 259,579 | 247,378 | 1,611,379 |
| OL | 0.03804 | 1,766 | 1,766 | 1,766 | 1,792 | 1,792 | 1,792 | 10,674 |
| SL,CSL | 0.03804 | 3,022 | 3,022 | 3,022 | 2,975 | 2,975 | 2,975 | 17,991 |
| Total Fuel Revenues (Excl. GSLD) | | 891,388 | 769,566 | 851,247 | 984,671 | 945,143 | 837,379 | 5,279,394 |
| GSLD Fuel Revenues | | 318,327 | 318,329 | 318,324 | 299,780 | 299,786 | 299,786 | 1,854,332 |
| Non-Fuel Revenues | | 402,345 | 371,755 | 393,539 | 432,179 | 422,831 | 395,205 | 2,417,854 |
| Total Sales Revenue | | 1,612,060 | 1,459,650 | 1,563,110 | 1,716,630 | 1,667,760 | 1,532,370 | 9,551,580 |
| KWH Sales: | | | | | | | | |
| RS | | 9,965,799 | 8,278,766 | 9,886,882 | 12,588,505 | 11,984,009 | 10,174,379 | 62,878,340 |
| GS | | 1,588,199 | 1,434,866 | 1,434,818 | 1,431,915 | 1,392,167 | 1,321,697 | 8,603,684 |
| GSD | | 7,053,505 | 6,386,510 | 6,386,699 | 6,301,069 | 6,140,974 | 5,852,341 | 38,121,098 |
| GSLD | | 6,000,000 | 6,000,000 | 6,000,000 | 6,000,000 | 6,000,000 | 6,000,000 | 36,000,000 |
| OL | | 46,437 | 46,437 | 46,437 | 47,105 | 47,105 | 47,105 | 280,626 |
| SL,CSL | | 79,431 | 79,431 | 79,431 | 78,195 | 78,195 | 78,195 | 472,878 |
| Total KWH Sales | | 24,733,371 | 22,226,012 | 23,834,267 | 26,446,789 | 25,642,470 | 23,473,717 | 146,356,626 |
| True-up Calculation (Excl. GSLD): | | | | | | | | Period to Date |
| Fuel Revenues | | 891,388 | 769,566 | 851,247 | 984,671 | 945,143 | 837,379 | 5,279,394 |
| True-up Provision | | 41,918 | 41,918 | 41,918 | 41,918 | 41,918 | 41,918 | 251,508 |
| Gross Receipts Tax Refund | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fuel Revenue | | 849,470 | 727,648 | 809,329 | 942,753 | 903,225 | 795,461 | 5,027,886 |
| Net Purchased Power Costs | | 814,546 | 803,077 | 863,156 | 929,331 | 829,618 | 788,271 | 5,027,999 |
| True-up Provision for the Period | | 34,924 | (75,429) | (53,827) | 13,422 | 73,607 | 7,190 | (113) |
| Interest Provision for the Period | | (959) | (866) | (972) | (878) | (496) | (130) | (4,303) |
| True-up and Interest Provision Beginning of Period | | (251,508) | (175,625) | (210,002) | (222,883) | (168,421) | (53,394) | (251,508) |
| True-up Collected or (Refunded) | | 41,918 | 41,918 | 41,918 | 41,918 | 41,918 | 41,918 | 251,508 Excludes Line |
| End of Period, Net True-up | | (175,625) | (210,002) | (222,883) | (168,421) | (53,394) | (4,416) | (4,416) Loss & Taxes |
| Interest Provision: | | | | | | | | |
| Beginning True-up Amount | | (251,508) | (175,625) | (210,002) | (222,883) | (168,421) | (53,394) | |
| Ending True-up Amount Before Interest | | (174,666) | (209,136) | (221,911) | (167,543) | (52,896) | (4,286) | |
| Total Beginning and Ending True-up | | (426,174) | (384,761) | (431,913) | (390,426) | (221,317) | (57,680) | |
| Average True-up Amount | | (213,087) | (192,381) | (215,957) | (195,213) | (110,659) | (28,840) | |
| Interest Rate | | 5.4000% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | |
| Monthly Average Interest Rate | | 0.4500% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | |
| Interest Provision | | (959) | (866) | (972) | (878) | (496) | (130) | |

# FLORIDA PUBLIC UTILITIES COMPANY

FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

MARIANNA DIVISION

| | | (a) DOLLARS | (b) MWH | (c) CENTS/KWH |
|---|---|---|---|---|
| 1 | Fuel Cost of System Net Generation (E3) | | 0 | |
| 2 | Nuclear Fuel Disposal Costs (E2) | | | |
| 3 | Coal Car Investment | | | |
| 4 | Adjustments to Fuel Cost | | | |
| 5 | TOTAL COST OF GENERATED POWER (LINE 1 THRU 4) | 0 | 0 | 0.00000 |
| 6 | Fuel Cost of Purchased Power (Exclusive of Economy) (E7) | 2,471,394 | 132,597 | 1.86384 |
| 7 | Energy Cost of Sched C & X Econ Purch (Broker) (E9) | | | |
| 8 | Energy Cost of Other Econ Purch (Non-Broker) (E9) | | | |
| 9 | Energy Cost of Sched E Economy Purch (E9) | | | |
| 10 | Demand & Non Fuel Cost of Purch Power (E2) | 3,048,326 | 132,597 | 2.29894 |
| 10a | Demand Costs of Purchased Power | 2,131,430 * | | |
| 10b | Non-Fuel Energy & Customer Costs of Purchased Power | 916,896 * | | |
| 11 | Energy Payments to Qualifying Facilities (E8a) | | | |
| 12 | TOTAL COST OF PURCHASED POWER (LINE 6 THRU 11) | 5,519,720 | 132,597 | 4.16278 |
| 13 | TOTAL AVAILABLE KWH (LINE 5 + LINE 12) | 5,519,720 | 132,597 | 4.16278 |
| 14 | Fuel Cost of Economy Sales (E6) | | | |
| 15 | Gain on Economy Sales (E6) | | | |
| 16 | Fuel Cost of Unit Power Sales (SL2 Partpts) (E6) | | | |
| 17 | Fuel Cost of Other Power Sales | | | |
| 18 | TOTAL FUEL COST AND GAINS OF POWER SALES | 0 | 0 | 0.00000 |
| 19 | Net Inadvertent Interchange | | | |
| 20 | TOTAL FUEL & NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19) | 5,519,720 | 132,597 | 4.16278 |
| 21 | Net Unbilled Sales | (47,123) * | (1,132) | (0.03673) |
| 22 | Company Use | 5,661 * | 136 | 0.00441 |
| 23 | T & D Losses | 220,794 * | 5,304 | 0.17211 |
| 24 | SYSTEM MWH SALES | 5,519,720 | 128,289 | 4.30257 |
| 25 | Less Total Demand Cost Recovery | 2,131,430 *** | | |
| 26 | Jurisdictional MWH Sales | 3,388,290 | 128,289 | 2.64114 |
| 26a | Jurisdictional Loss Multiplier | 1.00000 | 1.00000 | |
| 27 | Jurisdictional MWH Sales Adjusted for Line Losses | 3,388,290 | 128,289 | 2.64114 |
| 28 | GPIF ** | | | |
| 29 | TRUE-UP ** | 450,909 | 128,289 | 0.35148 |
| 30 | TOTAL JURISDICTIONAL FUEL COST | 3,839,199 | 128,289 | 2.99262 |
| 31 | Revenue Tax Factor | | | 1.00063 |
| 32 | Fuel Factor Adjusted for Taxes | | | 2.99510 |
| 33 | FUEL FAC ROUNDED TO NEAREST .001 CENTS/KWH | | | 2.995 |

* For Informational Purposes Only
** Calculation Based on Jurisdictional KWH Sales
*** Calculation on Schedule E1 Page 2

EXHIBIT NO._____
DOCKET NO. 960001-EI
FLORIDA PUBLIC UTILITIES COMPANY
(GMB-3)
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## FLORIDA PUBLIC UTILITIES COMPANY
FUEL FACTOR ADJUSTED FOR
LINE LOSS MULTIPLIER
ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

### MARIANNA DIVISION

34 Fuel Factor Rounded to Nearest .001 cents/KWH (E1): 2.995

35 With Line Loss:

| 36 | Rate Schedule | Rate Class | Multiplier | Levelized Charge for Other Charges | | Levelized Charge for Demand Charges | | Levelized Adjustment |
|---|---|---|---|---|---|---|---|---|
| 37 | RS | 421 | 1.0000 | 2.995 | + | 1.971 | = | 4.966 |
| 38 | GS | 441 and 442 | 1.0000 | 2.995 | + | 1.842 | = | 4.837 |
| 39 | GSD | 451,452,453, 454 and 455 | 1.0000 | 2.995 | + | 1.365 | = | 4.360 |
| 40 41 | GSLD | 461,462,463, 464 and 465 | 1.0000 | 2.995 | + | 1.384 | = | 4.379 |
| 42 43 | OL, OL-2 | 431,432,433, 434,435,436, 437 and 438 | 1.0000 | 2.995 | + | 0.080 | = | 3.075 |
| 44 45 | SL-1, SL-2 | 471,481,482, 483,484,485, 486,487 and 488 | 1.0000 | 2.995 | + | 0.073 | = | 3.068 |

46 Calculation of Total Demand Cost Recovery:

| 47 Rate 48 Schedule | Rate | Estimated KWH | Demand Chg Cost Recov Factor | 12 CP ALLOC* | Demand Cost Recovery |
|---|---|---|---|---|---|
| 49 RS | 421 | 57,568,808 | 0.01969 | 53.18% | $1,133,494 |
| 50 GS | 441, 442 | 9,903,152 | 0.01840 | 8.55% | 182,237 |
| 51 GSD | 451, 454 | 39,082,314 | 0.01364 | 25.01% | 533,071 |
| 52 GSLD | 461, 464 | 20,351,840 | 0.01383 | 13.21% | 281,562 |
| 53 OL | 431, 432, 433 434, 435, 436 437, 438 | 797,226 | 0.00080 | 0.03% | 640 |
| 54 SL | 471, 481, 482 483, 484, 485 486, 487, 488 | 565,507 | 0.00073 | 0.02% | 426 |
| | Total Demand Cost Recovery | | | | $2,131,430 |

* Last Marianna rate case, Docket No. 930400-EI, Weighted 12cp and 1/13 Allocator

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# FLORIDA PUBLIC UTILITIES COMPANY

SCHEDULE E1-A

CALCULATION OF TRUE-UP SURCHARGE
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD
**APRIL 1996 - SEPTEMBER 1996**
BASED ON TWO MONTHS ACTUAL AND FOUR MONTHS ESTIMATED OPERATIONS

## Marianna Divsion

| | | |
|---|---|---|
| Under-recovery of purchased power costs for the period April 1996 - September 1996. (See Schedule E1-B, Calculation of Estimated Purchased Power Costs and Calculation of True-Up and Interest Provision for the Six Month Period ended September 1996)(Estimated) | $ | 450,909 |
| Estimated kilowatt hour sales for the months of October 1996 - March 1997 as per estimate filed with the Commission | | 128,289,000 |
| Cents per kilowatt hour necessary to collect under-recovered purchased power costs over the period October 1996 - March 1997 | | 0.35148 |

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# *FLORIDA PUBLIC UTILITIES COMPANY*

CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION
**APRIL 1996 through SEPTEMBER 1996**
BASED ON TWO MONTHS ACTUAL AND FOUR MONTHS ESTIMATED
(INCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule E1-B

## MARIANNA DIVISION

| | | | ACTUAL | ACTUAL | ESTIMATED | ESTIMATED | ESTIMATED | ESTIMATED | |
|---|---|---|---|---|---|---|---|---|---|
| | | | APRIL 1996 | MAY 1996 | JUNE 1996 | JULY 1996 | AUGUST 1996 | SEPTEMBER 1996 | TOTAL |
| Total System Sales - KWH | | | 18,237,654 | 19,821,358 | 21,347,612 | 23,706,986 | 23,970,309 | 23,991,590 | 131,075,509 |
| Total System Purchases - KWH | | | 20,475,400 | 25,744,800 | 23,313,270 | 25,376,456 | 26,180,628 | 23,567,521 | 144,658,075 |
| System Billing Demand - KW | | | 53,575 | 62,217 | 63,123 | 65,133 | 65,606 | 63,362 | 373,016 |
| Purchased Power Rates: | | | | | | | | | |
| Base Fuel Costs - $/KWH | | | 0.02900 | 0.02900 | 0.02900 | 0.02900 | 0.02900 | 0.02900 | |
| Fuel Adjustment - $/KWH | | | (0.009210) | (0.009511) | (0.010230) | (0.007720) | (0.007470) | (0.007700) | |
| Demand and Non-Fuel: | | | | | | | | | |
| Demand Charge - $/KW | | | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | |
| Customer Charge - $ | | | 550.00 | 550.00 | 550.00 | 550.00 | 550.00 | 550.00 | |
| Energy Charge (Excl. Fuel) $/KWH | | | 0.00689 | 0.00689 | 0.00689 | 0.00689 | 0.00689 | 0.00689 | |
| Purchased Power Costs: | | | | | | | | | |
| Base Fuel Costs | | | 593,787 | 746,599 | 676,065 | 735,917 | 759,238 | 683,458 | 4,195,064 |
| Fuel Adjustment | | | (188,576) | (244,869) | (238,495) | (195,906) | (195,569) | (181,470) | (1,244,885) |
| Subtotal Fuel Costs | | | 405,211 | 501,730 | 437,590 | 540,011 | 563,669 | 501,988 | 2,950,199 |
| Demand and Non-Fuel Costs: | | | | | | | | | |
| Demand Charge | | | 348,237 | 404,411 | 410,299 | 423,366 | 426,439 | 411,853 | 2,424,605 |
| Customer Charge | | | 550 | 550 | 550 | 550 | 550 | 550 | 3,300 |
| Energy Charge | | | 141,076 | 177,381 | 160,628 | 174,844 | 180,385 | 162,380 | 996,694 |
| Subtotal Demand & Non-Fuel Costs | | | 489,863 | 582,342 | 571,477 | 598,760 | 607,374 | 574,783 | 3,424,599 |
| Total System Purchased Power Costs | | | 895,074 | 1,084,072 | 1,009,067 | 1,138,771 | 1,171,043 | 1,076,771 | 6,374,798 |
| Sales Revenues | | | | | | | | | |
| Fuel Adjustment Revenues: | | Rate | | | | | | | |
| Residential | RS | 0.05118 | 396,920 | 412,344 | 462,828 | 551,673 | 552,878 | 532,726 | 2,909,269 |
| Commercial | GS | 0.04770 | 69,650 | 75,622 | 81,468 | 86,617 | 86,524 | 90,669 | 490,550 |
| Commercial | GSD | 0.04276 | 242,875 | 271,631 | 287,451 | 309,936 | 307,768 | 320,599 | 1,740,260 |
| Industrial | GSLD | 0.04239 | 131,740 | 151,826 | 154,445 | 154,008 | 166,403 | 167,592 | 926,014 |
| Residential | OL,OL-2 | 0.03022 | 4,180 | 4,520 | 4,005 | 4,005 | 4,005 | 4,005 | 24,720 |
| Other | SL-1,SL-2,SL-3 | 0.02941 | 2,827 | 2,826 | 2,887 | 2,887 | 2,887 | 2,887 | 17,201 |
| Total Fuel Revenues | | | 848,192 | 918,769 | 993,084 | 1,109,126 | 1,120,465 | 1,118,478 | 6,108,114 |
| Non-Fuel Revenues | | | 390,153 | 404,404 | 351,926 | 378,844 | 380,965 | 380,652 | 2,286,944 |
| Total Sales Revenue | | | 1,238,345 | 1,323,173 | 1,345,010 | 1,487,970 | 1,501,430 | 1,499,130 | 8,395,058 |
| KWH Sales/Rate: | | | | | | | | | |
| Residential | RS | | 7,755,276 | 8,056,248 | 9,043,146 | 10,779,065 | 10,802,622 | 10,408,877 | 56,845,234 |
| Commercial | GS | | 1,460,167 | 1,585,373 | 1,707,926 | 1,815,867 | 1,813,916 | 1,900,825 | 10,284,074 |
| Commercial | GSD | | 5,679,957 | 6,352,447 | 6,722,433 | 7,248,271 | 7,197,564 | 7,497,648 | 40,698,320 |
| Industrial | GSLD | | 3,107,820 | 3,581,640 | 3,643,435 | 3,633,111 | 3,925,535 | 3,953,568 | 21,845,109 |
| Residential | OL,OL-2 | | 138,321 | 149,567 | 132,517 | 132,517 | 132,517 | 132,517 | 817,956 |
| Other | SL-1,SL-2,SL-3 | | 96,113 | 96,083 | 96,155 | 96,155 | 96,155 | 96,155 | 584,816 |
| Total KWH Sales | | | 18,237,654 | 19,821,358 | 21,347,612 | 23,706,986 | 23,970,309 | 23,991,590 | 131,075,509 |
| True-up Calculation: | | | | | | | | | Period to Date |
| Fuel Revenues | | | 848,192 | 918,769 | 993,084 | 1,109,126 | 1,120,465 | 1,118,478 | 6,108,114 |
| True-up Provision | | | 29,014 | 29,014 | 29,014 | 29,014 | 29,014 | 29,012 | 174,082 |
| Gross Receipts Tax Refund | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fuel Revenue | | | 819,178 | 889,755 | 964,070 | 1,080,112 | 1,091,451 | 1,089,466 | 5,934,032 |
| Total Purchased Power Costs | | | 895,074 | 1,084,072 | 1,009,067 | 1,138,771 | 1,171,043 | 1,076,771 | 6,374,798 |
| True-up Provision for the Period | | | (75,896) | (194,317) | (44,997) | (58,659) | (79,592) | 12,695 | (440,766) |
| Interest Provision for the Period | | | (897) | (1,370) | (1,784) | (1,895) | (2,084) | (2,113) | (10,143) |
| True-up and Interest Provision Beginning of Period | | | (174,082) | (221,861) | (388,534) | (406,301) | (437,841) | (490,503) | (174,082) |
| True-up Collected or (Refunded) | | | 29,014 | 29,014 | 29,014 | 29,014 | 29,014 | 29,012 | 174,082 |
| End of Period, Net True-up | | | (221,861) | (388,534) | (406,301) | (437,841) | (490,503) | (450,909) | (450,909) |
| Interest Provision: | | | | | | | | | |
| Beginning True-up Amount | | | (174,082) | (221,861) | (388,534) | (406,301) | (437,841) | (490,503) | |
| Ending True-up Amount Before Interest | | | (220,964) | (387,164) | (404,517) | (435,946) | (488,419) | (448,796) | |
| Total Beginning and Ending True-up | | | (395,046) | (609,025) | (793,051) | (842,247) | (926,260) | (939,299) | |
| Average True-up Amount | | | (197,523) | (304,513) | (396,526) | (421,124) | (463,130) | (469,650) | |
| Interest Rate - Avg. | | | 5.4500% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | |
| Monthly Average Interest Rate | | | 0.4542% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | |
| Interest Provision | | | (897) | (1,370) | (1,784) | (1,895) | (2,084) | (2,113) | |

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FLORIDA PUBLIC UTILITIES COMPANY
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SCHEDULE E-1B-1

# FLORIDA PUBLIC UTILITIES COMPANY

MARIANNA DIVISION

COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTIONS
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
FOR THE PERIOD APRIL 1996 - SEPTEMBER 1996

| | | DOLLARS | | | | MWH | | | | CENTS/KWH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % |
| 1 | Fuel Cost of System Net Generation (A3) | | | | | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 2 | Nuclear Fuel Disposal Cost | | | | | | | | | | | | |
| 3 | Coal Car Investment | | | | | | | | | | | | |
| 4 | Adjustments to Fuel Cost (A2, Page 1) | | | | | | | | | | | | |
| 5 | TOTAL COST OF GENERATED POWER | 0 | 0 | 0 | 0.0% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 6 | Fuel Cost of Purchased Power (Exclusive of Economy) (A7) | 2,950,199 | 3,023,961 | (73,762) | -2.4% | 144,658 | 146,766 | (2,108) | -1.4% | 2.03943 | 2.06040 | (0.02097) | -1.0% |
| 7 | Energy Cost of Sched C & X Econ Purch (Broker)(A9) | | | | | | | | | | | | |
| 8 | Energy Cost of Other Econ Purch (Non-Broker)(A9) | | | | | | | | | | | | |
| 9 | Energy Cost of Sched E Economy Purch (A9) | | | | | | | | | | | | |
| 10 | Demand and Non Fuel Cost of Purchased Power (A9) | 3,424,599 | 3,366,975 | 57,624 | 1.7% | 144,658 | 146,766 | (2,108) | -1.4% | 2.36738 | 2.29411 | 0.07327 | 3.2% |
| 11 | Energy Payments to Qualifying Facilities (A8a) | | | | | | | | | | | | |
| 12 | TOTAL COST OF PURCHASED POWER | 6,374,798 | 6,390,936 | (16,138) | -0.3% | 144,658 | 146,766 | (2,108) | -1.4% | 4.40681 | 4.35451 | 0.05230 | 1.2% |
| 13 | TOTAL AVAILABLE MWH (LINE 5 + LINE 12) | | | | | 144,658 | 146,766 | (2,108) | -1.4% | | | | |
| 14 | Fuel Cost of Economy Sales (A6) | | | | | | | | | | | | |
| 15 | Gain on Economy Sales (A6) | | | | | | | | | | | | |
| 16 | Fuel Cost of Unit Power Sales (SL2 Partpts)(A6) | | | | | | | | | | | | |
| 17 | Fuel Cost of Other Power Sales (A6) | | | | | | | | | | | | |
| 18 | TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17) | 0 | 0 | 0 | 0.0% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 19 | NET INADVERTENT INTERCHANGE | | | | | | | | | | | | |
| 20 | TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 5 + 12 + 18 + 19) | 6,374,798 | 6,390,936 | (16,138) | -0.3% | 144,658 | 146,766 | (2,108) | -1.4% | 4.40681 | 4.35451 | 0.05230 | 1.2% |
| 21 | Net Unbilled Sales | 338,707 * | 254,303 * | 84,404 | 33.2% | 7,686 | 5,840 | 1,846 | 31.6% | 0.25841 | 0.18845 | 0.06996 | 37.1% |
| 22 | Company Use | 4,847 * | 4,877 * | (30) | -0.6% | 110 | 112 | (2) | -1.8% | 0.00370 | 0.00361 | 0.00009 | 2.5% |
| 23 | T & D Losses | 254,978 * | 255,653 * | (675) | -0.3% | 5,786 | 5,871 | (85) | -1.5% | 0.19453 | 0.18945 | 0.00508 | 2.7% |
| 24 | SYSTEM KWH SALES | 6,374,798 | 6,390,936 | (16,138) | -0.3% | 131,076 | 134,943 | (3,867) | -2.9% | 4.86345 | 4.73602 | 0.12743 | 2.7% |
| 25 | Wholesale KWH Sales | | | | | | | | | | | | |
| 26 | Jurisdictional KWH Sales | 6,374,798 | 6,390,936 | (16,138) | -0.3% | 131,076 | 134,943 | (3,867) | -2.9% | 4.86345 | 4.73602 | 0.12743 | 2.7% |
| 26a | Jurisdictional Loss Multiplier | 1.000 | 1.000 | 0.000 | 0.0% | 1.000 | 1.000 | 0.000 | 0.0% | 1.000 | 1.000 | 0.00000 | 0.0% |
| 27 | Jurisdictional KWH Sales Adjusted for Line Losses | 6,374,798 | 6,390,936 | (16,138) | -0.3% | 131,076 | 134,943 | (3,867) | -2.9% | 4.86345 | 4.73602 | 0.12743 | 2.7% |
| 28 | GPIF** | | | | | | | | | | | | |
| 29 | TRUE-UP** | (174,082) | 131,476 | (305,558) | -232.4% | 131,076 | 134,943 | (3,867) | -2.9% | (0.13281) | 0.09743 | (0.23024) | -236.3% |
| 30 | TOTAL JURISDICTIONAL FUEL COST | 6,200,716 | 6,522,412 | (321,696) | -4.9% | 131,076 | 134,943 | (3,867) | -2.9% | 4.73063 | 4.83346 | (0.10283) | -2.1% |
| 31 | Revenue Tax Factor | | | | | | | | | 1.00083 | 1.00083 | 0.00000 | 0.0% |
| 32 | Fuel Factor Adjusted for Taxes | | | | | | | | | 4.73456 | 4.83747 | (0.10291) | -2.1% |
| 33 | FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH) | | | | | | | | | 4.735 | 4.837 | (0.102) | -2.1% |

*Included for Informational Purposes Only
**Calculation Based on Jurisdictional KWH Sales

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# FLORIDA PUBLIC UTILITIES COMPANY

MARIANNA DIVISION

FUEL & PURCHASED POWER COST RECOVERY CLAUSE CALCULATION

SCHEDULE E2

FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| LINE NO. | | (a) OCTOBER | (b) NOVEMBER | (c) ESTIMATED DECEMBER | (d) JANUARY | (e) FEBRUARY | (f) MARCH | (g) TOTAL PERIOD | LINE NO. |
|---|---|---|---|---|---|---|---|---|---|
| 1 | FUEL COST OF SYSTEM GENERATION | | | | | | | 0 | 1 |
| 1a | NUCLEAR FUEL DISPOSAL | | | | | | | 0 | 1a |
| 2 | FUEL COST OF POWER SOLD | | | | | | | 0 | 2 |
| 3 | FUEL COST OF PURCHASED POWER | 393,605 | 358,049 | 327,006 | 496,650 | 457,364 | 438,720 | 2,471,394 | 3 |
| 3a | DEMAND & NON FUEL COST OF PUR POWER | 481,256 | 479,507 | 499,704 | 551,220 | 520,922 | 515,717 | 3,048,326 | 3a |
| 3b | QUALIFYING FACILITIES | | | | | | | 0 | 3b |
| 4 | ENERGY COST OF ECONOMY PURCHASES | | | | | | | 0 | 4 |
| 5 | TOTAL FUEL & NET POWER TRANSACTIONS (SUM OF LINES A-1 THRU A-4) | 874,861 | 837,556 | 826,710 | 1,047,870 | 978,286 | 954,437 | 5,519,720 | 5 |
| 6 | LESS: TOTAL DEMAND COST RECOVERY | 349,505 | 345,391 | 366,776 | 364,189 | 358,521 | 347,048 | 2,131,430 | 6 |
| 7 | TOTAL OTHER COST TO BE RECOVERED | 525,356 | 492,165 | 459,934 | 683,681 | 619,765 | 607,389 | 3,388,290 | 7 |
| 7a | SYSTEM KWH SOLD (MWH) | 19,433 | 17,339 | 18,736 | 26,332 | 24,214 | 22,235 | 128,289 | 7a |
| 7b | COST PER KWH SOLD (CENTS/KWH) | 2.70342 | 2.83849 | 2.45481 | 2.59639 | 2.55953 | 2.73168 | 2.64114 | 7b |
| 8 | JURISDICTIONAL LOSS MULTIPLIER | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 8 |
| 9 | JURISDICTIONAL COST (CENTS/KWH) | 2.70342 | 2.83849 | 2.45481 | 2.59639 | 2.55953 | 2.73168 | 2.64114 | 9 |
| 10 | GPIF (CENTS/KWH) | | | | | | | | 10 |
| 11 | TRUE-UP (CENTS/KWH) | 0.35148 | 0.35148 | 0.35148 | 0.35148 | 0.35148 | 0.35148 | 0.35148 | 11 |
| 12 | TOTAL | 3.05490 | 3.18997 | 2.80629 | 2.94787 | 2.91101 | 3.08316 | 2.99262 | 12 |
| 13 | REVENUE TAX FACTOR 0.00083 | 0.00254 | 0.00265 | 0.00233 | 0.00245 | 0.00242 | 0.00256 | 0.00248 | 13 |
| 14 | RECOVERY FACTOR ADJUSTED FOR TAXES | 3.05744 | 3.19262 | 2.80862 | 2.95032 | 2.91343 | 3.08572 | 2.99510 | 14 |
| 15 | RECOVERY FACTOR ROUNDED TO NEAREST .001 CENT/KWH | 3.057 | 3.193 | 2.809 | 2.950 | 2.913 | 3.086 | 2.995 | 15 |

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# FLORIDA PUBLIC UTILITIES COMPANY
MARIANNA DIVISION
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL KWH PURCHASED | KWH FOR OTHER UTILITIES | KWH FOR INTERRUPTIBLE | KWH FOR FIRM | CENTS/KWH (A) FUEL COST | CENTS/KWH (B) TOTAL COST | TOTAL $ FOR FUEL ADJ. (7) x (8) (A) |
| OCTOBER 1996 | GULF POWER COMPANY | RE | 19,042,000 | | | 19,042,000 | 2.067036 | 4.594376 | 393,605 |
| NOVEMBER 1996 | GULF POWER COMPANY | RE | 19,386,000 | | | 19,386,000 | 1.846946 | 4.320417 | 358,049 |
| DECEMBER 1996 | GULF POWER COMPANY | RE | 19,213,000 | | | 19,213,000 | 1.702004 | 4.302868 | 327,006 |
| JANUARY 1997 | GULF POWER COMPANY | RE | 27,065,000 | | | 27,065,000 | 1.835027 | 3.871679 | 496,850 |
| FEBRUARY 1997 | GULF POWER COMPANY | RE | 23,491,000 | | | 23,491,000 | 1.946975 | 4.164514 | 457,364 |
| MARCH 1997 | GULF POWER COMPANY | RE | 24,400,000 | | | 24,400,000 | 1.798033 | 3.911627 | 438,720 |
| TOTAL | | | 132,597,000 | 0 | 0 | 132,597,000 | 1.863839 | 4.162779 | 2,471,394 |

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SCHEDULE E10

# FLORIDA PUBLIC UTILITIES COMPANY
## MARIANNA DIVISION
## RESIDENTIAL BILL COMPARISON
## FOR MONTHLY USAGE OF 1000 KWH

ESTIMATED FOR THE PERIOD* OF: OCTOBER 1996 - MARCH 1997

| | OCTOBER 1996 | NOVEMBER 1996 | DECEMBER 1996 | JANUARY 1997 | FEBRUARY 1997 | MARCH 1997 | PERIOD TOTAL |
|---|---|---|---|---|---|---|---|
| BASE RATE REVENUES ** $ | 20.62 | 20.62 | 20.62 | 20.62 | 20.62 | 20.62 | 123.72 |
| FUEL RECOVERY FACTOR CENTS/KWH | 4.966 | 4.966 | 4.966 | 4.966 | 4.966 | 4.966 | |
| GROUP LOSS MULTIPLIER | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| FUEL RECOVERY REVENUES $ | 49.66 | 49.66 | 49.66 | 49.66 | 49.66 | 49.66 | 297.96 |
| GROSS RECEIPTS TAX | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 10.80 |
| TOTAL REVENUES *** $ | 72.08 | 72.08 | 72.08 | 72.08 | 72.08 | 72.08 | 432.48 |

* MONTHLY AND CUMULATIVE SIX MONTH ESTIMATED DATA

** BASE RATE REVENUES:

| | |
|---|---|
| CUSTOMER CHARGE | 8.30 |
| CENTS/KWH | 12.13 |
| CONSERVATION FACTOR | 0.19 |
| | 20.62 |

*** EXCLUDES FRANCHISE TAXES

EXHIBIT NO. _____
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Schedule M1

FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION
OCTOBER 1996 - MARCH 1997
BASED ON SIX MONTHS ESTIMATED

**MARIANNA DIVISION**

| | | | Estimated | Estimated | Estimated | Estimated | Estimated | Estimated | |
|---|---|---|---|---|---|---|---|---|---|
| | | | OCTOBER 1996 | NOVEMBER 1996 | DECEMBER 1996 | JANUARY 1997 | FEBRUARY 1997 | MARCH 1997 | Total |
| Total System Sales - KWH | | | 19,432,903 | 17,336,741 | 18,735,516 | 26,332,417 | 24,214,052 | 22,235,218 | 128,286,847 |
| Total System Purchases - KWH | | | 19,042,302 | 19,385,460 | 19,213,022 | 27,065,411 | 23,490,699 | 24,400,456 | 132,597,352 |
| System Billing Demand - KW | | | 53,770 | 53,137 | 56,427 | 56,029 | 55,157 | 53,392 | 327,912 |
| Purchased Power Rates: | | | | | | | | | |
| Base Fuel Costs - $/KWH | | | 0.02900 | 0.02900 | 0.02900 | 0.02900 | 0.02900 | 0.02900 | |
| Fuel Adjustment - $/KWH | | | (0.008330) | (0.010530) | (0.011980) | (0.010650) | (0.009530) | (0.011020) | |
| Demand and Non-Fuel: | | | | | | | | | |
| Demand Charge - $/KW | | | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | |
| Customer Charge - $ | | | 550.00 | 550.00 | 550.00 | 550.00 | 550.00 | 550.00 | |
| Energy Charge (Excl. Fuel) $/KWH | | | 0.00689 | 0.00689 | 0.00689 | 0.00689 | 0.00689 | 0.00689 | |
| Purchased Power Costs: | | | | | | | | | |
| Base Fuel Costs | | | 552,227 | 562,178 | 557,178 | 784,897 | 681,230 | 707,613 | 3,845,323 |
| Fuel Adjustment | | | (158,622) | (204,129) | (230,172) | (288,247) | (223,866) | (268,893) | (1,373,929) |
| Subtotal Fuel Costs | | | 393,605 | 358,049 | 327,006 | 496,650 | 457,364 | 438,720 | 2,471,394 |
| Demand and Non-Fuel Costs: | | | | | | | | | |
| Demand Charge | | | 349,505 | 345,391 | 366,776 | 364,189 | 358,521 | 347,048 | 2,131,430 |
| Customer Charge | | | 550 | 550 | 550 | 550 | 550 | 550 | 3,300 |
| Energy Charge | | | 131,201 | 133,566 | 132,378 | 186,481 | 161,851 | 168,119 | 913,596 |
| Subtotal Demand & Non-Fuel Costs | | | 481,256 | 479,507 | 499,704 | 551,220 | 520,922 | 515,717 | 3,048,326 |
| Total System Purchased Power Costs | | | 874,861 | 837,556 | 826,710 | 1,047,870 | 978,286 | 954,437 | 5,519,720 |
| Sales Revenues | | | | | | | | | |
| Fuel Adjustment Revenues: | | Rate | | | | | | | |
| Residential | RS | 0.04962 | 389,160 | 340,002 | 420,014 | 641,861 | 573,506 | 492,222 | 2,856,565 |
| Commercial | GS | 0.04833 | 78,337 | 69,864 | 70,298 | 91,671 | 86,080 | 82,368 | 478,618 |
| Commercial | GSD | 0.04356 | 278,786 | 247,309 | 248,053 | 326,947 | 306,560 | 294,771 | 1,707,426 |
| Industrial | GSLD | 0.04375 | 146,059 | 137,067 | 126,489 | 164,861 | 157,811 | 158,106 | 0 |
| Residential | OL,OL-2 | 0.03072 | 4,071 | 4,071 | 4,071 | 4,093 | 4,093 | 4,093 | 24,492 |
| Other | SL-1,SL-2,SL-3 | 0.03065 | 3,008 | 3,008 | 3,008 | 2,973 | 2,973 | 2,973 | 17,943 |
| Total Fuel Revenues | | | 899,421 | 801,321 | 871,933 | 1,232,206 | 1,131,023 | 1,034,533 | 5,970,437 |
| Non-Fuel Revenues | | | 363,139 | 337,899 | 359,077 | 456,994 | 430,167 | 403,677 | 2,350,953 |
| Total Sales Revenue Excluding Franchise Rev | | | 1,262,560 | 1,139,220 | 1,231,010 | 1,689,200 | 1,561,190 | 1,438,210 | 8,321,390 |
| KWH Sales: | | | | | | | | | |
| Residential | RS | | 7,842,808 | 6,852,109 | 8,464,605 | 12,931,494 | 11,557,957 | 9,919,835 | 57,568,808 |
| Commercial | GS | | 1,620,866 | 1,445,567 | 1,454,542 | 1,896,768 | 1,781,097 | 1,704,292 | 9,903,152 |
| Commercial | GSD | | 6,400,036 | 5,677,428 | 5,694,514 | 7,505,676 | 7,037,655 | 6,767,005 | 39,082,314 |
| Industrial | GSLD | | 3,338,501 | 3,132,965 | 2,891,183 | 3,768,240 | 3,607,104 | 3,613,847 | 20,351,840 |
| Residential | OL,OL-2 | | 132,517 | 132,517 | 132,517 | 133,225 | 133,225 | 133,225 | 797,226 |
| Other | SL-1,SL-2,SL-3 | | 98,155 | 98,155 | 98,155 | 97,014 | 97,014 | 97,014 | 585,507 |
| | | | | | | | | | 0 |
| Total KWH Sales | | | 19,432,903 | 17,336,741 | 18,735,516 | 26,332,417 | 24,214,052 | 22,235,218 | 128,286,847 |
| | | | | | | | | | Period to Date |
| True-up Calculation: | | | | | | | | | |
| Fuel Revenues | | | 899,421 | 801,321 | 871,933 | 1,232,206 | 1,131,023 | 1,034,533 | 5,970,437 |
| True-up Provision | | | 75,152 | 75,152 | 75,152 | 75,152 | 75,152 | 75,149 | 450,909 |
| Gross Receipts Tax Refund | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fuel Revenue | | | 824,269 | 726,169 | 796,781 | 1,157,054 | 1,055,871 | 959,384 | 5,519,528 |
| Total Purchased Power Costs | | | 874,861 | 837,556 | 826,710 | 1,047,870 | 978,286 | 954,437 | 5,519,720 |
| True-up Provision for the Period | | | (50,592) | (111,387) | (29,929) | 109,184 | 77,585 | 4,947 | (192) |
| Interest Provision for the Period | | | (1,974) | (2,009) | (1,998) | (1,490) | (739) | (218) | (8,428) |
| True-up and Interest Provision Beginning of Period | | | (450,909) | (428,323) | (466,567) | (423,342) | (240,496) | (88,498) | (450,909) |
| True-up Collected or (Refunded) | | | 75,152 | 75,152 | 75,152 | 75,152 | 75,152 | 75,149 | 450,909 |
| End of Period, Net True-up | | | (428,323) | (466,567) | (423,342) | (240,496) | (88,498) | (8,620) | (8,620) |
| Interest Provision: | | | | | | | | | |
| Beginning True-up Amount | | | (450,909) | (428,323) | (466,567) | (423,342) | (240,496) | (88,498) | |
| Ending True-up Amount Before Interest | | | (426,349) | (464,558) | (421,344) | (239,006) | (87,759) | (8,402) | |
| Total Beginning and Ending True-up | | | (877,258) | (892,881) | (887,911) | (662,348) | (328,255) | (96,900) | |
| Average True-up Amount | | | (438,629) | (446,441) | (443,956) | (331,174) | (164,128) | (48,450) | |
| Interest Rate | | | 5.4000% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | 5.4000% | |
| Monthly Average Interest Rate | | | 0.4500% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | 0.4500% | |
| Interest Provision | | | (1,974) | (2,009) | (1,998) | (1,490) | (739) | (218) | |

Excludes Line Loss & Taxes

# GULF POWER COMPANY
## COAL SUPPLIERS
## October 1, 1995 - March 31, 1996

| Purchases | Tons Received | |
|---|---|---|
| Contract | | |
| PEABODY COALSALES | 775,168 | |
| DECKER COAL | 390,997 | (1) |
| Total | 1,166,165 | |
| | | |
| Spot Purchases | | |
| FRANKLIN COAL SALES | 279,214 | |
| WEBSTER COUNTY | 9,020 | |
| WHITE COUNTY | 64,618 | |
| Total | 352,852 | |
| | | |
| GRAND TOTAL | 1,519,017 | |

(1) Gulf Power Company's portion of Plant Daniel supply.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI
COMPANY/ EXHIBIT NO 21
WITNESS: GPC/Oaks
DATE: 5/27/96

GULF POWER COMPANY

PROJECTED VS ACTUAL FUEL COST OF GENERATED POWER

| | ¢/KWH Fuel Cost (1) | | |
|---|---|---|---|
| Period Ending | Projected | Actual | Difference % |
| September 1987 | 2.3348 | 2.0639 | (11.60) |
| March 1988 | 1.8588 | 1.8008 | (3.12) |
| September 1988 | 1.8360 | 1.8160 | (1.09) |
| March 1989 | 1.9630 | 1.9056 | (2.92) |
| September 1989 | 2.0260 | 2.0724 | 2.29 |
| March 1990 | 1.9688 | 1.9930 | 1.23 |
| September 1990 | 2.0672 | 2.1840 | 5.65 |
| March 1991 | 2.1028 | 2.2128 | 5.23 |
| September 1991 | 2.1184 | 2.1255 | 0.34 |
| March 1992 | 1.9524 | 2.0660 | 6.84 |
| September 1992 | 1.9448 | 2.0401 | 4.90 |
| March 1993 | 1.9458 | 1.9425 | (0.17) |
| September 1993 | 1.9924 | 2.0408 | 2.43 |
| March 1994 | 1.9050 | 2.0498 | 7.60 |
| September 1994 | 1.8662 | 1.9373 | 3.81 |
| March 1995 | 1.8874 | 2.0388 | 8.02 |
| September 1995 | 2.0456 | 2.0344 | (0.55) |
| March 1996 | 1.9795 | 2.0743 | 4.79 |
| September 1996 | 2.0405 | - | - |
| March 1997 | 1.9282 | - | - |

(1) Line No. 1 from FPSC Schedule A-1.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO 22
COMPANY: GPC
WITNESS: Oaks
DATE: 5/24/96

AFFIDAVIT

STATE OF FLORIDA )
)
COUNTY OF ESCAMBIA )

Docket No. 960001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist of Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 14th day of June, 1996.

Rollanda R. Cothran
Notary Public, State of Florida at Large

Commission Number:

Commission Expires:

ROLLANDA R. COTHRAN
MY COMMISSION EXPIRES
FEBRUARY 26, 1998
#CC 346358
Bonded thru
Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA

Florida Public Service Commission
Docket No. 960001-EI
GULF POWER COMPANY
Witness: M. W. Howell
Exhibit No. _____ (MWH - 1)
Schedule 1

GULF POWER COMPANY
PROJECTED PURCHASED POWER CONTRACT TRANSACTIONS
**OCTOBER, 1996 - SEPTEMBER, 1997**

| Contract | MW Purchase/(Sale) | Capacity ($) Costs/(Receipts) |
|---|---|---|
| Southern Company Intercompany Interchange | | |
| October 96 | 101.9 | 540,005 |
| November | 118.3 | 602,884 |
| December | 179.3 | 900,837 |
| January 97 | 356.4 | 2,043,218 |
| February | 379.8 | 2,157,250 |
| March | 159.5 | 1,070,603 |
| April | (27.8) | (170,748) |
| May | 40.2 | 273,538 |
| June | 153.5 | 830,305 |
| July | 169.0 | 900,628 |
| August | 148.1 | 767,611 |
| September | 154.4 | 815,398 |
| SUBTOTAL | | 10,735,529 |
| Gulf Power / Monsanto | | |
| October 96 | 19.0 | 62,202 |
| November | 19.0 | 62,202 |
| December | 19.0 | 62,202 |
| January 97 | 19.0 | 62,202 |
| February | 19.0 | 62,202 |
| March | 19.0 | 62,202 |
| April | 19.0 | 62,202 |
| May | 19.0 | 62,202 |
| June | 19.0 | 62,202 |
| July | 19.0 | 62,202 |
| August | 19.0 | 62,202 |
| September | 19.0 | 62,202 |
| SUBTOTAL | | 746,424 |
| **TOTAL** | | **11,481,953** |

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO 23
COMPANY/ WITNESS: GPC / Howell
DATE: 3/25/96

AFFIDAVIT

STATE OF FLORIDA )
)
COUNTY OF ESCAMBIA )

Docket No. 960001-EI

Before me the undersigned authority, personally appeared M. W. Howell, who being first duly sworn, deposes, and says that he is the Transmission and System Control Manager of Gulf Power Company, a Maine corporation, that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

M W Howell

M. W. Howell
Transmission and System Control
Manager

Sworn to and subscribed before me this 20 day of JUNE, 1996.

Notary Public, State of Florida at Large

Commission No.

My Commission Expires

PAUL H. ROBERTS
"Notary Public-State of FL"
Comm. Exp. Sept. 12, 1998
Comm. No. CC 400548

Florida Public Service Commission
Docket No. 960001-EI
GULF POWER COMPANY
Witness: S. D. Cranmer
Exhibit No. _____ (SDC-1)
Schedule 1

# GULF POWER COMPANY
# FUEL COST RECOVERY CLAUSE
# CALCULATION OF FINAL TRUE-UP
# OCTOBER 1995 - MARCH 1996

| | | |
|---|---|---|
| 1. | Estimated over/(under) - recovery for the period OCTOBER 1995 - MARCH 1996 (Schedule E1-A approved in Order No. PSC-96-0353-FOF-EI dated March 13, 1996) | (496,180) |
| 2. | Actual over/(under)-recovery for the period OCTOBER 1995 - MARCH 1996 (March, 1996 Schedule A-2, Page 2 of 3, "Period-to-Date", Lines 7 and 8) | (7,787,770) |
| 3. | Amount to be refunded/(recovered) in the OCTOBER, 1996 - MARCH 1997 projection period (Line 2 - Line 1) | ($7,291,590) |

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO 24
COMPANY/ WITNESS: GPC/Cranmer
DATE: 8/29/96

Florida Public Service Commission
Docket No. 960001-EI
GULF POWER COMPANY
Witness: S. D. Cranmer
Exhibit No. ____ (SDC -1)
SCHEDULE CCA-1

# GULF POWER COMPANY
# PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
# CALCULATION OF FINAL TRUE-UP AMOUNT
# APRIL 1995 - SEPTEMBER 1995

| | |
|---|---|
| 1. Estimated over/(under) -recovery for the period APRIL 1995 - SEPTEMBER 1995 (Schedule CCE-1b approved in Order No. PSC-95-1089-FOF-EI dated September 5, 1995) | 190,165 |
| 2. Actual over/(under)-recovery for the period APRIL 1995 - SEPTEMBER 1995 (Schedule CCA-2 Line 11+12 in the Total column) | 600,870 |
| 3. Amount to be refunded/(recovered) in the October, 1996 - September, 1997 projection period (Line 2 - Line 1) | 410,705 |

# GULF POWER COMPANY
## PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
## CALCULATION OF TRUE-UP AND INTEREST PROVISION
## FOR THE PERIOD APRIL 1995 - SEPTEMBER 1995

| | ACTUAL APRIL | ACTUAL MAY | ACTUAL JUNE | ACTUAL JULY | ACTUAL AUGUST | ACTUAL SEPTEMBER | ACTUAL TOTAL |
|---|---|---|---|---|---|---|---|
| 1. IIC Payments / (Receipts) ($) | (359,551) | 202,794 | 592,062 | 635,252 | 368,600 | 403,224 | 1,842,381 |
| 2. Schedule E Capacity Revenues ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. Total Capacity Payments/(Receipts) (Line 1 + 2) ($) | (359,551) | 202,794 | 592,062 | 635,252 | 368,600 | 403,224 | 1,842,381 |
| 4. Jurisdictional % | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 |
| 5. Jurisdictional Capacity Payments / (Receipts) (Line 3 x 4) ($) | (346,602) | 195,491 | 570,739 | 612,374 | 355,325 | 388,702 | 1,776,029 |
| 6. Amount Included in Retail Base Rate Revenues ($) | (137,667) | (137,667) | (137,667) | (137,667) | (137,667) | (137,665) | (826,000) |
| 7. Total Jurisdictional Recovery Amount (Line 5 - 6) ($) | (208,935) | 333,158 | 703,406 | 750,041 | 492,992 | 526,367 | 2,602,029 |
| 8. Jurisdictional Capacity Cost Recovery Revenue Net of Taxes ($) | 329,904 | 440,952 | 468,636 | 532,066 | 532,956 | 764,403 | 3,068,917 |
| 9. True-Up Provision ($) | 20,002 | 20,002 | 20,002 | 20,002 | 20,002 | 20,002 | 120,012 |
| 10. Jurisdictional Capacity Cost Recovery Revenue (Line 8 + 9) ($) | 349,906 | 460,954 | 488,638 | 552,068 | 552,958 | 784,405 | 3,188,929 |
| 11. Over/(Under) Recovery (Line 10 - 7) ($) | 558,841 | 127,796 | (219,768) | (197,973) | 59,966 | 258,038 | 586,900 |
| 12. Interest Provision ($) | 1,798 | 3,435 | 3,127 | 1,948 | 1,481 | 2,181 | 13,970 |
| 13. Beginning Balance True-Up & Interest Provision ($) | 84,625 | 625,262 | 736,491 | 499,848 | 283,821 | 325,266 | 84,625 |
| 14. True-Up Collected/(Refunded) ($) | (20,002) | (20,002) | (20,002) | (20,002) | (20,002) | (20,002) | (120,012) |
| 15. End Of Period Total Net True-Up (Lines 11 + 12 + 13 + 14) ($) | 625,262 | 736,491 | 499,848 | 283,821 | 325,266 | 565,483 | 565,483 |

Florida Public Service Commission
Docket No. 960001-EI
GULF POWER COMPANY
Witness: S. D. Cranmer
Exhibit No. ____ (SDC-1)
SCHEDULE CCA-2

# GULF POWER COMPANY
## PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
## CALCULATION OF INTEREST PROVISION
## FOR THE PERIOD APRIL 1995 - SEPTEMBER 1995

| | ACTUAL APRIL | ACTUAL MAY | ACTUAL JUNE | ACTUAL JULY | ACTUAL AUGUST | ACTUAL SEPTEMBER | TOTAL |
|---|---|---|---|---|---|---|---|
| 1. Beginning True-Up Amount ($) | 84,625 | 625,262 | 736,491 | 499,848 | 283,821 | 325,266 | |
| 2. Ending True-Up Amount Before Interest ($) | 623,464 | 733,056 | 496,721 | 281,873 | 323,785 | 563,302 | |
| 3. Total Beginning & Ending True-Up Amount ($) (Lines 1 + 2) | 708,089 | 1,358,318 | 1,233,212 | 781,721 | 607,606 | 888,568 | |
| 4. Average True-Up Amount ($) | 354,045 | 679,159 | 616,606 | 390,861 | 303,803 | 444,284 | |
| 5. Interest Rate - First Day of Reporting Business Month | 0.061200 | 0.060700 | 0.060700 | 0.061000 | 0.058600 | 0.058400 | |
| 6. Interest Rate - First Day of Subsequent Business Month | 0.060700 | 0.060700 | 0.061000 | 0.058600 | 0.058400 | 0.059400 | |
| 7. Total Interest Rate (Lines 5 + 6) | 0.121900 | 0.121400 | 0.121700 | 0.119600 | 0.117000 | 0.117800 | |
| 8. Average Interest Rate | 0.060950 | 0.060700 | 0.060850 | 0.059800 | 0.058500 | 0.058900 | |
| 9. Monthly Average Interest Rate (1/12 Of Line 8) | 0.005079 | 0.005058 | 0.005071 | 0.004983 | 0.004875 | 0.004908 | |
| 10. Interest Provision For the Month (Lines 4 X 9) ($) | 1,798 | 3,435 | 3,127 | 1,948 | 1,481 | 2,181 | 13,970 |

Florida Public Service Commission
Docket No. 960001-EI
GULF POWER COMPANY
Witness: S. D. Cranmer
Exhibit No. ____ (SDC-1)
SCHEDULE CCA-3

# FUEL AND PURCHASED POWER
# COST RECOVERY CLAUSE CALCULATION
# GULF POWER COMPANY
# ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| Line | | | | (a) $ | (b) KWH | (c) ¢ / KWH |
|---|---|---|---|---|---|---|
| 1 | Fuel Cost of System Net Generation | | E-3 | 97,740,994 | 5,069,150,000 | 1.9282 |
| 2 | Nuclear Fuel Disposal Costs | | E-2 | 0 | 0 | NA |
| 3 | Coal Car Investment | | | 0 | 0 | NA |
| 4 | Adjustments to Fuel Cost | | | 0 | 0 | NA |
| 5 | **Total Cost of Generated Power** | (Line 1 - 4) | | 97,740,994 | 5,069,150,000 | 1.9282 |
| 6 | Fuel Cost of Purchased Power (Exclusive of Economy) | | E-7 | 5,494,000 | 313,870,000 | 1.7504 |
| 7 | Energy Cost of Schedule C & X Econ. Purch. | | E-9 | | | NA |
| 8 | Energy Cost of Other Econ. Purch. (Nonbroker) | | E-9 | 0 | 0 | NA |
| 9 | Energy Cost of Schedule E Economy Purch. | | E-9 | 0 | 0 | NA |
| 10 | Capacity Cost of Schedule E Economy Purchases | | E-2 | 0 | 0 | NA |
| 11 | Energy Payments to Qualifying Facilities | | E-8 | 5,969 | 340,000 | 1.7556 |
| 12 | **Total Cost of Purchased Power** | (Line 6 - 11) | | 5,499,969 | 314,210,000 | 1.7504 |
| 13 | **Total Available KWH** | (Line 5 + 12) | | | 5,383,360,000 | |
| 14 | Fuel Cost of Economy Sales | | E-6 | (579,000) | (26,670,000) | 2.171 |
| 15 | Gain on Economy Sales | | E-6 | (64,000) | (26,670,000) | 0.24 |
| 16 | Fuel Cost of Unit Power Sales | | E-6 | (7,619,000) | (413,440,000) | 1.8428 |
| 17 | Fuel Cost of Other Power Sales | | | (12,860,000) | (641,812,000) | 2.0037 |
| 18 | **Total Fuel Cost & Gains on Power Sales** | (Line 13 -17) | | (21,122,000) | (1,081,922,000) | 1.9523 |
| 19 | Net Inadvertant Interchange | | | 0 | 0 | NA |
| 20 | **Total Fuel & Net Power Transactions** | (Line 5+12+18+19) | | 82,118,963 | 4,301,438,000 | 1.9091 |
| 21 | Net Unbilled Sales * | | | 0 | 0 | NA |
| 22 | Company Use * | | | 192,113 | 10,063,000 | 1.9091 |
| 23 | T & D Losses * | | | 4,288,392 | 224,629,000 | 1.9091 |
| 24 | **System KWH Sales** | | | 82,118,963 | 4,066,746,000 | 2.0193 |
| 25 | Wholesale KWH Sales | | | 3,093,144 | 153,179,000 | 2.0193 |
| 26 | Jurisdictional KWH Sales | | | 79,025,819 | 3,913,567,000 | 2.0193 |
| 26a | Jurisdictional Line Loss Multiplier | | | 1.0014 | | 1.0014 |
| 27 | Jurisdictional KWH Sales Adjusted for Line Losses | | | 79,136,455 | 3,913,567,000 | 2.0221 |
| 28 | **True-Up **** | | | 10,018,778 | 3,913,567,000 | 0.2560 |
| 29 | **Total Jurisdictional Fuel Cost** | | | 89,155,233 | 3,913,567,000 | 2.2781 |
| 30 | Revenue Tax Factor | | | | | 1.01609 |
| 31 | Fuel Factor Adjusted For Revenue Taxes | | | | | 2.3148 |
| 32a | Special Contract Recovery Cost ** | | E-12 | 123,125 | 3,913,567,000 | 0.0031 |
| 32b | GPIF Reward/(Penalty) ** | | | (44,234) | 3,913,567,000 | (0.0011) |
| 33 | Fuel Factor Adjusted for Spec. Cont. Rec. & GPIF | | | | | 2.3168 |
| 34 | **Fuel Factor Rounded to Nearest .001(¢ / KWH)** | | | | | **2.317** |

*For informational purposes only

** Calculation Based on Jurisdictional KWH Sales

01

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO 25
COMPANY/ WITNESS: GPC/ Cranmer
DATE: 8/09/96

SCHEDULE E-1A

# CALCULATION OF TRUE-UP
# GULF POWER COMPANY
## FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| | | |
|---|---|---|
| 1. | Estimated over/(under)-recovery (APRIL 1996 - SEPTEMBER 1996 (Sch. E-1B) | ($2,727,188) |
| 2. | Final True-up (OCTOBER 1995 - MARCH 1996) (Exhibit No. ___(SDC-1), dated MAY 20, 1996) | ($7,291,590) |
| 3. | Total over/(under)-recovery (Lines 1 + 2) To be included in OCTOBER 1996 - MARCH 1997 (Schedule E1, Line 28) | ($10,018,778) |
| 4. | Jurisdictional KWH sales FOR THE PERIOD: OCTOBER 1996 - MARCH 1997 | 3,913,567,000 |
| 5. | True-up Factor (Line 3 / Line 4) x 100 (¢ / KWH) | 0.2560 |

# CALCULATION OF ESTIMATED TRUE-UP
## GULF POWER COMPANY
## FOR THE PERIOD APRIL, 1996 - SEPTEMBER, 1996

| | | | APRIL ACTUAL | MAY ACTUAL | JUNE ESTIMATED | JULY ESTIMATED | AUGUST ESTIMATED | SEPTEMBER ESTIMATED | TOTAL PERIOD |
|---|---|---|---|---|---|---|---|---|---|
| A 1 | Fuel Cost of System Generation | | $13,037,225.31 | $17,426,867.24 | $21,125,023.00 | $23,583,020.00 | $23,186,159.00 | $19,431,118.00 | $117,789,412.55 |
| 2 | Fuel Cost of Power Sold | | (1,596,786.56) | (2,306,467.22) | (3,224,800.00) | (4,041,800.00) | (3,821,800.00) | (3,308,800.00) | ($18,300,453.78) |
| 3 | Fuel Cost of Purchased Power | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3a | Demand & Non-Fuel Cost Of Purchased Power | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3b | Energy Payments to Qualified Facilities | | 25,566.11 | 137,478.41 | 3,338.00 | 25,166.00 | 29,276.00 | 3,338.00 | 224,162.52 |
| 4 | Energy Cost of Economy Purchases | | 1,505,894.30 | 2,888,672.65 | 1,805,000.00 | 1,539,000.00 | 1,705,000.00 | 1,399,000.00 | 10,842,566.95 |
| 5 | Adjustments to Fuel Cost | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Thru A5) | | $12,971,899.16 | $18,146,551.08 | $19,708,561.00 | $21,105,386.00 | $21,098,635.00 | $17,524,656.00 | $110,555,688.24 |
| B 1 | Jurisdictional KWH Sales | | 578,319,386 | 779,212,593 | 853,513,000 | 903,862,000 | 919,730,000 | 785,135,000 | 4,819,771,979 |
| 2 | Non-Jurisdictional KWH Sales | | 23,018,400 | 28,961,800 | 29,871,000 | 33,263,000 | 33,245,000 | 29,086,000 | 177,445,200 |
| 3 | TOTAL SALES (Lines B1 + B2) | | 601,337,786 | 808,174,393 | 883,384,000 | 937,125,000 | 952,975,000 | 814,221,000 | 4,997,217,179 |
| 4 | Jurisdictional % Of Total Sales (Line B1/B3) | | 96.1721% | 96.4164% | 96.6186% | 96.4505% | 96.5115% | 96.4278% | |
| C 1 | Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes) | (1) | $12,294,647.17 | $16,603,268.22 | $18,194,336.62 | $19,267,626.25 | $19,605,884.41 | $16,736,722.80 | $102,702,485.47 |
| 1a | Special Contract Recovery Cost | | (28,776.00) | (28,776.00) | (28,775.00) | (28,776.00) | (28,776.00) | (28,774.00) | (172,653.00) |
| 2 | True-Up Provision | | 210,777.00 | 210,777.00 | 210,776.00 | 210,777.00 | 210,777.00 | 210,776.00 | 1,264,660.00 |
| 2a | Incentive Provision | | 79,238.00 | 79,238.00 | 79,238.00 | 79,238.00 | 79,238.00 | 79,238.00 | 475,428.00 |
| 3 | FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Thru C2a) | | $12,555,886.17 | $16,864,507.22 | $18,455,575.62 | $19,528,865.25 | $19,867,123.41 | $16,997,962.80 | $104,269,920.47 |
| 4 | Fuel & Net Power Transactions (Line A6) | | $12,971,899.16 | $18,146,551.08 | $19,708,561.00 | $21,105,386.00 | $21,098,635.00 | $17,524,656.00 | $110,555,688.24 |
| 5 | Jurisdictional Fuel Cost Adj. for Line Losses (Line A6 x Line B4 x 1.0014) | | 12,492,813.32 | 17,520,746.03 | 19,068,794.71 | 20,384,749.07 | 20,391,116.77 | 16,922,298.33 | $106,780,518.23 |
| 6 | Over/(Under) Recovery (Line C3-C5) | | 63,072.85 | (656,238.81) | (613,219.09) | (855,883.82) | (523,993.36) | 75,664.47 | ($2,510,597.76) |
| 7 | Interest Provision | (2) | (27,709.76) | (29,861.34) | (33,800.49) | (38,206.56) | (42,431.71) | (44,579.89) | ($216,589.75) |
| 8 | **TOTAL ESTIMATED TRUE-UP FOR THE PERIOD APRIL 1996 - SEPTEMBER 1996** | | | | | | | | **($2,727,187.51)** |

Note 1: Estimated Revenues based on the April through September Fuel Factor excluding revenue taxes of 2.1317 ¢/KWH
Note 2: Interest Calculated for June through September at May's rate of 0.45 % per month.
Note 3: See Schedule A-2 for May 1996 for more information.

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# COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTIONS OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR GULF POWER COMPANY FOR THE PERIOD APRIL 1996 - SEPTEMBER 1996

| | DOLLARS | | | | KWH | | | | ¢/KWH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % | ESTIMATED/ ACTUAL | ESTIMATED/ ORIGINAL | DIFFERENCE AMOUNT | % | ACTUAL | EST. | DIFFERENCE AMT. | % |
| 1 Fuel Cost of System Net Generation (A3) | 117,789,412 | 114,725,542 | 3,063,870 | 2.67 | 5,743,707,000 | 5,622,394,000 | 121,313,000 | 2.16 | 2.0508 | 2.0405 | 0.0103 | 0.50 |
| 2 Nuclear Fuel Disposal Costs | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 3 Coal Car Investment | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 4 Adjustments to Fuel Cost (A2, PAGE 1 OF 4) | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 5 TOTAL COST OF GENERATED POWER | 117,789,412 | 114,725,542 | 3,063,870 | 2.67 | 5,743,707,000 | 5,622,394,000 | 121,313,000 | 2.16 | 2.0508 | 2.0405 | 0.0103 | 0.50 |
| 6 Fuel Cost of Purchased Power (Exclusive of Economy) (A8) | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 7 Energy Cost of Schedule C&X Econ. Purchases (Broker) (A9) | 9,849,413 | 11,176,000 | (1,326,587) | (11.87) | 521,921,756 | 629550000 | (107,628,244) | (17.10) | 1.8871 | 1.7752 | 0.1119 | 6.30 |
| 8 Energy Cost of Other Economy Purchases (Nonbroker) (A9) | 993,154 | 0 | 993,154 | 100.00 | 46,949,946 | 0 | 46,949,946 | NA | 2.1153 | NA | NA | NA |
| 9 Energy Cost of Schedule E Economy Purchases (A9) | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 10 Capacity Cost of Schedule E Economy Purchases | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 11 Energy Payments to Qualifying Facilities (A9a) | 224,162 | 61,118 | 163,044 | 266.77 | 8,964,786 | 2,380,000 | 6,584,786 | 276.67 | 2.5005 | 2.568 | (0.0675) | (2.63) |
| 12 TOTAL COST OF PURCHASED POWER | 11,066,729 | 11,237,118 | (170,389) | (1.52) | 577,836,488 | 631,930,000 | (54,093,512) | (8.56) | 1.9152 | 1.7782 | 0.1370 | 7.70 |
| 13 Total Available KWH (Lines 4 + Line 12) | 128,856,141 | 125,962,660 | 2,893,481 | 2.30 | 6,321,543,488 | 6,254,324,000 | 67,219,488 | 1.07 | | | | |
| 14 Fuel Cost of Economy Sales (A6) | (562,346) | (644,000) | 81,654 | 12.68 | (16,923,208) | (22,040,000) | 5,116,792 | 23.22 | (3.3229) | (2.9220) | (0.4009) | (13.72) |
| 15 Gain on Economy Sales (A6) | (35,147) | (52,800) | 17,653 | 33.43 | | | 0 | NA | NA | NA | NA | NA |
| 16 Fuel Cost of Unit Power Sales (A6) | (9,629,050) | (9,407,000) | (222,050) | (2.36) | (536,066,023) | (505,550,000) | (30,516,023) | (6.04) | (1.7962) | (1.8607) | 0.0645 | 3.47 |
| 17 Fuel Cost of Other Power Sales (A6) | (8,073,910) | (9,078,000) | 1,004,090 | 11.06 | (391,546,640) | (409,880,000) | 18,333,360 | 4.47 | (2.0621) | (2.2148) | 0.1527 | 6.89 |
| 18 TOTAL FUEL COST AND GAINS ON POWER SALES (LINES 14+15+16+17) | (18,300,453) | (19,181,800) | 881,347 | 4.59 | (944,535,871) | (937,470,000) | (7,065,871) | (0.75) | (1.9375) | (2.0461) | 0.1086 | 5.31 |
| 19 Net Inadvertent Interchange | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 20 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5+12+18+19) | 110,555,688 | 106,780,860 | 3,774,828 | 3.54 | 5,377,007,617 | 5,316,854,000 | 60,153,617 | 1.13 | 2.0561 | 2.0083 | 0.0478 | 2.38 |
| 21 Net Unbilled Sales | 0 | 0 | 0 | NA | 0 | 0 | 0 | NA | NA | NA | NA | NA |
| 22 Company Use * | 211,225 | 206,092 | 5,133 | 2.49 | 10,273,100 | 10,262,000 | 11,100 | 0.11 | 2.0561 | 2.0083 | 0.0478 | 2.38 |
| 23 T & D Losses * | 7,597,646 | 7,368,392 | 229,254 | 3.11 | 369,517,338 | 366,897,000 | 2,620,338 | 0.71 | 2.0561 | 2.0083 | 0.0478 | 2.38 |
| 24 TERRITORIAL (SYSTEM) SALES | 110,555,688 | 106,780,860 | 3,774,828 | 3.54 | 4,997,217,179 | 4,939,695,000 | 57,522,179 | 1.16 | 2.2123 | 2.1617 | 0.0506 | 2.34 |
| 25 Wholesale Sales | 3,924,453 | 3,791,406 | 133,047 | 3.51 | 177,445,200 | 175,390,000 | 2,055,200 | 1.17 | 2.2116 | 2.1617 | 0.0499 | 2.31 |
| 26 Jurisdictional Sales | 106,631,235 | 102,989,454 | 3,641,781 | 3.54 | 4,819,771,979 | 4,764,305,000 | 55,466,979 | 1.16 | 2.2124 | 2.1617 | 0.0507 | 2.35 |
| 26a Jurisdictional Loss Multiplier | 1.0014 | 1.0014 | | | | | | | | | | |
| 27 Jurisdictional Sales Adj. for Line Losses (Line 26 x 1.0014) | 106,780,518 | 103,133,639 | 3,646,879 | 3.54 | 4,819,771,979 | 4,764,305,000 | 55,466,979 | 1.16 | 2.2155 | 2.1647 | 0.0508 | 2.35 |
| 28 TRUE-UP ** | (1,264,660) | (1,264,660) | 0 | 0.00 | 4,819,771,979 | 4,764,305,000 | 55,466,979 | 1.16 | (0.0262) | (0.0265) | 0.0003 | (1.13) |
| 29 TOTAL JURISDICTIONAL FUEL COST | 105,515,858 | 101,868,979 | 3,646,879 | 3.58 | 4,819,771,979 | 4,764,305,000 | 55,466,979 | 1.16 | 2.1893 | 2.1382 | 0.0511 | 2.39 |
| 30 Revenue Tax Factor | | | | | | | | | 1.01609 | 1.01609 | | |
| 31 Fuel Factor Adjusted for Revenue Taxes | | | | | | | | | 2.22453 | 2.1726 | 0.0519 | 2.39 |
| 32 GPIF Reward / (Penalty) ** | (483,077) | (483,077) | 0 | 0.00 | 4,819,771,979 | 4,764,305,000 | 55,466,979 | 1.16 | (0.0100) | (0.0101) | 0.0001 | (0.99) |
| 33 Fuel Factor Adjusted for GPIF Reward / (Penalty) | | | | | | | | | 2.2145 | 2.1625 | 0.0520 | 2.40 |
| 33a Special Contract Recovery Cost (Incl. Revenue Taxes) ** | 175,431 | 175,431 | 0 | 0.00 | 4,819,771,979 | 4,764,305,000 | 55,466,979 | 1.16 | 0.0036 | 0.0037 | (0.0001) | (2.70) |
| 34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH) | | | | | | | | | 2.218 | 2.166 | 0.052 | 2.40 |

* Included for Informational Purposes Only

** Calculation Based on Jurisdictional KWH Sales

Note Amounts included in the Estimated/Actual Column represent 2 months actual and 4 months estimates Amounts included in the Estimated Original Column represent amounts projected in previous fuel adjustment period

SCHEDULE E-1C

# CALCULATION OF GENERATING PERFORMANCE INCENTIVE FACTOR AND TRUE-UP FACTOR GULF POWER COMPANY FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| | | |
|---|---|---|
| 1. | TOTAL AMOUNT OF ADJUSTMENTS: | |
| | A. Generating Performance Incentive Reward/(Penalty) | (44,234) |
| | B. True-Up (Over)/Under Recovered | $10,018,778 |
| 2. | TOTAL SALES (KWH) | 3,913,567,000 |
| 3. | ADJUSTMENT FACTORS: | |
| | A. Generating Performance Incentive Factor | (0.0011) |
| | B. True-Up Factor | 0.2560 |

SCHEDULE E-1D

## DETERMINATION OF FUEL RECOVERY FACTOR
## TIME OF USE RATE SCHEDULES
## GULF POWER COMPANY
## ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| | NET ENERGY FOR LOAD % |
|---|---|
| On-Peak | 27.01 |
| Off-Peak | 72.99 |
| | 100.00 |

| | AVERAGE | ON-PEAK | OFF-PEAK |
|---|---|---|---|
| Cost per KWH Sold | 2.0193 | 2.092 | 1.9924 |
| Jurisdictional Loss Factor | 1.0014 | 1.0014 | 1.0014 |
| Jurisdictional Fuel Factor | 2.0221 | 2.0949 | 1.9952 |
| GPIF | -0.0011 | -0.0011 | -0.0011 |
| Special Contract | 0.0031 | 0.0031 | 0.0031 |
| True-Up | 0.256 | 0.2560 | 0.2560 |
| TOTAL | 2.2801 | 2.3529 | 2.2532 |
| Revenue Tax Factor | 1.01609 | 1.01609 | 1.01609 |
| Recovery Factor | 2.3168 | 2.3908 | 2.2895 |
| Recovery Factor Rounded to the Nearest .001 ¢/KWH | 2.317 | 2.391 | 2.289 |

| HOURS: | | |
|---|---|---|
| | ON-PEAK | 23.79% |
| | OFF-PEAK | 76.21% |
| | | 100.00% |

# FUEL RECOVERY FACTORS - BY RATE GROUP (ADJUSTED FOR LINE/TRANSFORMATION LOSSES) GULF POWER COMPANY

## FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| Group | Rate Schedules | Average Factor | Fuel Recovery Loss Multipliers | Standard Fuel Recovery Factor |
|---|---|---|---|---|
| A | RS, GS, GSD, OSIII, OSIV, SBS (1) | 2.317 | 1.01228 | 2.345 |
| B | LP, SBS (2) | 2.317 | 0.98106 | 2.273 |
| C | PX, PXT, RTP, SBS (3) | 2.317 | 0.96230 | 2.230 |
| D | OSI, OSII | 2.317 | 1.01228 | 2.340 |

| | | TOU |
|---|---|---|
| A | On-Peak | 2.420 |
| | Off-Peak | 2.318 |
| B | On-Peak | 2.345 |
| | Off-Peak | 2.246 |
| C | On-Peak | 2.301 |
| | Off-Peak | 2.203 |
| D | On-Peak | NA |
| | Off-Peak | NA |

Group D Calculation

| | | | | | |
|---|---|---|---|---|---|
| * D | On-Peak | 2.391 ¢ / KWH | x | 0.2214 = | 0.529 ¢ / KWH |
| | Off-Peak | 2.289 ¢ / KWH | x | 0.7786 = | 1.783 ¢ / KWH |
| | | | | | 2.312 ¢ / KWH |
| | | Line Loss Multiplier | | x | 1.01228 |
| | | | | | 2.340 ¢ / KWH |

(1) Includes SBS customers with a Contract Demand in the range of 100 to 499 KW
(2) Includes SBS customers with a Contract Demand in the range of 500 to 7,499 KW
(3) Includes SBS customers with a Contract Demand over 7,499 KW

SCHEDULE E-2

# FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
## GULF POWER COMPANY
### ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| LIN | LINE DESCRIPTION | (a) OCTOBER | (b) NOVEMBER | (c) DECEMBER | (d) JANUARY | (e) FEBRUARY | (f) MARCH | TOTAL |
|---|---|---|---|---|---|---|---|---|
| | $ | | | | | | | |
| 1 | Fuel Cost of System Generation | 17,438,052 | 14,679,884 | 16,312,622 | 17,948,305 | 15,850,300 | 15,511,831 | 97,740,994 |
| 2 | Fuel Cost of Power Sold | (4,579,800) | (3,123,800) | (3,507,800) | (3,343,800) | (3,899,000) | (2,667,800) | (21,122,000) |
| 3 | Fuel Cost of Purchased Power | 201,000 | 492,000 | 1,669,000 | 1,369,000 | 859,000 | 904,000 | 5,494,000 |
| 3a | Demand & Non-Fuel Cost of Pur Power | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3b | Qualifying Facilities | 3,335 | 1,229 | 0 | 878 | 0 | 527 | 5,969 |
| 4 | Energy Cost of Economy Purchases | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | **Total Fuel & Net Power Trans.** (Sum of Lines 1 -4) | 13,062,587 | 12,049,313 | 14,473,822 | 15,974,383 | 12,810,300 | 13,748,558 | 82,118,963 |
| 6 | System KWH Sold | 670,620,000 | 606,937,000 | 721,262,000 | 773,105,000 | 629,314,000 | 665,508,000 | 4,066,746,000 |
| 6a | Jurisdictional % of Total Sales | 96.189 | 96.039 | 96.263 | 96.428 | 96.191 | 96.237 | 96.233 |
| 7 | Cost per KWH Sold (¢/KWH) | 1.9478 | 1.9853 | 2.0067 | 2.0663 | 2.0356 | 2.0659 | 2.0193 |
| 7a | Jurisdictional Loss Multiplier | 1.0014 | 1.0014 | 1.0014 | 1.0014 | 1.0014 | 1.0014 | 1.0014 |
| 7b | Jurisdictional Cost (¢/KWH) | 1.9505 | 1.9881 | 2.0095 | 2.0692 | 2.0384 | 2.0688 | 2.0221 |
| 8 | GPIF (¢ / KWH) * | (0.0011) | (0.0012) | (0.0010) | (0.0010) | (0.0012) | (0.0011) | (0.0011) |
| 8a | Special Contract (¢/KWH) * | 0.0031 | 0.0035 | 0.0029 | 0.0027 | 0.0033 | 0.0032 | 0.0031 |
| 9 | True-Up (¢/KWH) * | 0.2589 | 0.2865 | 0.2405 | 0.2240 | 0.2758 | 0.2607 | 0.2560 |
| 10 | TOTAL | 2.2114 | 2.2769 | 2.2519 | 2.2949 | 2.3163 | 2.3316 | 2.2801 |
| 11 | Revenue Tax Factor | 1.01609 | 1.01609 | 1.01609 | 1.01609 | 1.01609 | 1.01609 | 1.01609 |
| 12 | Recovery Factor Adjusted for Taxes | 2.2470 | 2.3135 | 2.2881 | 2.3318 | 2.3536 | 2.3691 | 2.3167 |
| 13 | **Recovery Factor Rounded to the Nearest .001 ¢/KWH** | 2.247 | 2.314 | 2.288 | 2.332 | 2.354 | 2.369 | 2.317 |

* CALCULATIONS BASED ON JURISDICTIONAL KWH SALES

SCHEDULE E-3

## GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
## GULF POWER COMPANY
## ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|---|---|---|---|---|---|---|---|---|
| | **FUEL COST - NET GEN. ($)** | OCTOBER | NOVEMBER | DECEMBER | JANUARY | FEBRUARY | MARCH | TOTAL |
| 1 | HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | LIGHTER OIL | 37,453 | 37,469 | 37,480 | 37,469 | 37,466 | 35,607 | 222,944 |
| 3 | COAL | 17,344,703 | 14,592,874 | 16,230,474 | 17,816,731 | 15,728,029 | 15,426,484 | 97,139,295 |
| 4 | GAS | 15,899 | 4,909 | 36 | 5,117 | 386 | 5,108 | 31,455 |
| 4a | GAS (B.L.) | 39,997 | 44,632 | 44,632 | 84,021 | 84,021 | 44,632 | 341,935 |
| 6 | OTHER - C.T. | 0 | 0 | 0 | 4,967 | 398 | 0 | 5,365 |
| 7 | TOTAL ($) | 17,438,052 | 14,679,884 | 16,312,622 | 17,948,305 | 15,850,300 | 15,511,831 | 97,740,994 |
| | **SYSTEM NET GEN. (MWH)** | | | | | | | |
| 8 | HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | LIGHTER OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | COAL | 928,550 | 768,360 | 848,790 | 925,000 | 816,690 | 780,670 | 5,068,060 |
| 11 | GAS | 570 | 160 | 0 | 90 | 10 | 170 | 1,000 |
| 13 | OTHER - C.T. | 0 | 0 | 0 | 80 | 10 | 0 | 90 |
| 14 | TOTAL (MWH) | 929,120 | 768,520 | 848,790 | 925,170 | 816,710 | 780,840 | 5,069,150 |
| | **UNITS OF FUEL BURNED** | | | | | | | |
| 15 | HEAVY OIL (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | LIGHTER OIL (BBL) | 1,577 | 1,577 | 1,577 | 1,577 | 1,577 | 1,495 | 9,380 |
| 17 | COAL (TON) | 423,839 | 360,467 | 401,407 | 438,160 | 382,317 | 357,811 | 2,364,001 |
| 18 | GAS-all (MCF) | 27,697 | 21,999 | 19,835 | 21,026 | 19,910 | 22,087 | 132,554 |
| 20 | OTHER - C.T. | 0 | 0 | 0 | 204 | 16 | 0 | 220 |
| | **BTU'S BURNED (MMBTU)** | | | | | | | |
| 21 | HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | LIGHTER OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | COAL + GAS B.L. + OIL B.L. | 9,603,491 | 7,971,702 | 8,860,119 | 9,758,210 | 8,522,578 | 8,175,909 | 52,892,009 |
| 24 | GAS-Generation | 8,114 | 2,245 | 16 | 1,243 | 94 | 2,336 | 14,048 |
| 26 | OTHER - C.T. | 0 | 0 | 0 | 1,186 | 95 | 0 | 1,281 |
| 27 | TOTAL (MMBTU) | 9,611,605 | 7,973,947 | 8,860,135 | 9,760,639 | 8,522,767 | 8,178,245 | 52,907,338 |
| | **GENERATION MIX (% MWH)** | | | | | | | |
| 28 | HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | LIGHTER OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | COAL | 99.94 | 99.98 | 100.00 | 99.98 | 100.00 | 99.98 | 99.98 |
| 31 | GAS-Generation | 0.06 | 0.02 | 0.00 | 0.01 | 0.00 | 0.02 | 0.02 |
| 33 | OTHER - C.T. | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 34 | TOTAL (% MWH) | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| | **FUEL COST $ / UNIT** | | | | | | | |
| 35 | HEAVY OIL ($/BBL) | NA | NA | NA | NA | NA | NA | NA |
| 36 | LIGHTER OIL ($/BBL) | 23.75 | 23.76 | 23.77 | 23.76 | 23.76 | 23.82 | 23.77 |
| 37 | COAL ($/TON) | 40.92 | 40.48 | 40.43 | 40.66 | 41.14 | 43.11 | 41.09 |
| 38 | GAS + B.L. ($/MCF) | 2.02 | 2.25 | 2.25 | 4.24 | 4.24 | 2.25 | 2.82 |
| 40 | OTHER - C.T. | NA | NA | NA | 24.35 | 24.88 | NA | 24.39 |
| | **FUEL COST $ / MMBTU** | | | | | | | |
| 41 | HEAVY OIL | NA | NA | NA | NA | NA | NA | NA |
| 42 | LIGHTER OIL | NA | NA | NA | NA | NA | NA | NA |
| 43 | COAL + GAS B.L. + OIL B.L. | 1.81 | 1.84 | 1.84 | 1.84 | 1.86 | 1.90 | 1.85 |
| 44 | GAS-Generation | 1.96 | 2.19 | 2.25 | 4.12 | 4.11 | 2.19 | 2.24 |
| 46 | OTHER - C.T. | NA | NA | NA | 4.19 | 4.19 | NA | 4.19 |
| 47 | TOTAL ($/MMBTU) | 1.81 | 1.84 | 1.84 | 1.84 | 1.86 | 1.90 | 1.85 |
| | **BTU BURNED BTU / KWH** | | | | | | | |
| 48 | HEAVY OIL | NA | NA | NA | NA | NA | NA | NA |
| 49 | LIGHTER OIL | NA | NA | NA | NA | NA | NA | NA |
| 50 | COAL + GAS B.L. + OIL B.L. | 10,342 | 10,375 | 10,439 | 10,549 | 10,436 | 10,473 | 10,436 |
| 51 | GAS-Generation | 14,235 | 14,031 | NA | 13,811 | 9,400 | 13,741 | 14,048 |
| 53 | OTHER - C.T. | NA | NA | NA | 14,825 | 9,500 | NA | 14,233 |
| 54 | TOTAL (BTU/KWH) | 10,345 | 10,376 | 10,439 | 10,550 | 10,435 | 10,474 | 10,437 |
| | **FUEL COST CENTS / KWH** | | | | | | | |
| 55 | HEAVY OIL | NA | NA | NA | NA | NA | NA | NA |
| 56 | LIGHTER OIL | NA | NA | NA | NA | NA | NA | NA |
| 57 | COAL + GAS B.L. + OIL B.L. | 1.88 | 1.91 | 1.92 | 1.94 | 1.94 | 1.99 | 1.93 |
| 58 | GAS-Generation | 2.79 | 3.07 | NA | 5.69 | 3.86 | 3.00 | 3.15 |
| 60 | OTHER - C.T. | NA | NA | NA | 6.21 | 3.98 | NA | 5.96 |
| 61 | TOTAL (¢/KWH) | 1.88 | 1.91 | 1.92 | 1.94 | 1.94 | 1.99 | 1.93 |

SCHEDULE E-4

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF : OCTOBER 1996

| Line | (a) Plant/Unit | (b) Net Cap. (MW) | (c) Net Gen. (MWH) | (d) Cap. Factor (%) | (e) Equiv. Avail. Factor (%) | (f) Net Output Factor (%) | (g) Avg. Net Heat Rate (BTU/KWH) | (h) Fuel Type | (i) Fuel Burned (Units) Tons/MCF/Gal | (j) Fuel Heat Value (BTU/Unit) Lbs/CF/Gal | (k) Fuel Burned (MMBTU) | (l) As Burned Fuel Cost ($) | (m) Fuel Cost/ KWH (¢/KWH) | (n) Fuel Cost/ Unit ($/Unit) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Crist 1 | 23.0 | 150 | 0.9 | 99.9 | 0.9 | 14,813 | Gas - G | 2,157 | 1,030 | 2,222 | 4,354 | 2.90 | 2.02 |
| 2 | 1 | | | | | | | Oil - G | | | | | | |
| 3 | Crist 2 | 25.0 | 160 | 0.9 | 99.9 | 0.9 | 14,694 | Gas - G | 2,283 | 1,030 | 2,351 | 4,607 | 2.88 | 2.02 |
| 4 | 2 | | | | | | | Oil - G | | | | | | |
| 5 | Crist 3 | 33.0 | 260 | 1.1 | 99.9 | 1.1 | 13,619 | Gas - G | 3,438 | 1,030 | 3,541 | 6,938 | 2.67 | 2.02 |
| 6 | 3 | | | | | | | Oil - G | | | | | | |
| 7 | Crist 4 | 84.0 | 6,060 | 9.7 | 99.3 | 9.8 | 10,273 | Coal | 2,586 | 12,037 | 62,255 | 135,135 | 2.23 | 52.26 |
| 8 | 4 | | | | | | | Gas - G | | | | | | |
| 9 | Crist 5 | 81.0 | 3,850 | 6.4 | 99.6 | 6.4 | 10,680 | Coal | 1,708 | 12,037 | 41,118 | 89,250 | 2.32 | 52.25 |
| 10 | 5 | | | | | | | Gas - G | | | | | | |
| 11 | Crist 6 | 317.0 | 140,160 | 59.4 | 96.0 | 61.9 | 10,514 | Coal | 61,211 | 12,037 | 1,473,654 | 3,198,265 | 2.28 | 52.25 |
| 12 | 6 | | | | | | | Gas - G | | | | | | |
| 13 | Crist 7 | 504.0 | 217,400 | 58.0 | 87.7 | 66.1 | 10,474 | Coal | 94,585 | 12,037 | 2,277,108 | 4,942,053 | 2.27 | 52.25 |
| 14 | 7 | | | | | | | Gas - G | | | | | | |
| 15 | Scherer 3 (2) | 209.0 | 122,460 | 78.8 | 95.8 | 82.2 | 10,033 | Coal | 62,904 | 9,766 | 1,228,683 | 2,155,728 | 1.76 | 34.27 |
| 16 | Scholz 1 | 47.0 | 810 | 2.3 | 100.0 | 2.3 | 11,420 | Coal | 386 | 11,978 | 9,250 | 16,419 | 2.03 | 42.54 |
| 17 | Scholz 2 | 47.0 | 690 | 2.0 | 100.0 | 2.0 | 11,772 | Coal | 339 | 11,978 | 8,123 | 14,386 | 2.08 | 42.44 |
| 18 | Smith 1 | 161.0 | 113,500 | 94.8 | 97.6 | 97.1 | 10,171 | Coal | 49,278 | 11,713 | 1,154,375 | 1,604,505 | 1.41 | 32.56 |
| 19 | Smith 2 | 191.0 | 128,200 | 90.2 | 97.7 | 92.3 | 10,311 | Coal | 56,428 | 11,713 | 1,321,867 | 1,837,282 | 1.43 | 32.56 |
| 20 | Smith A (CT) | 31.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Oil - G | 0 | 0 | 0 | 0 | NA | NA |
| 21 | Daniel 1 (1) | 246.5 | 89,530 | 48.8 | 62.7 | 77.9 | 10,348 | Coal | 43,794 | 10,578 | 926,466 | 1,554,681 | 1.74 | 35.50 |
| 22 | Daniel 2 (1) | 247.5 | 105,890 | 57.5 | 71.9 | 80.0 | 10,113 | Coal | 50,620 | 10,578 | 1,070,870 | 1,796,999 | 1.70 | 35.50 |
| 23 | Gas,BL | | | | | | | Gas | 19,819 | 1,030 | 20,414 | 39,997 | NA | 2.02 |
| 24 | Ltr. Oil | | | | | | | Oil | 1,577 | 140,519 | 9,308 | 37,453 | NA | 23.75 |
| 25 | | 2,247.0 | 929,120 | 55.6 | 88.7 | 62.7 | 10,345 | | | | 9,611,605 | 17,438,052 | 1.88 | |

Notes:
(1) Represents Gulf's 50% Ownership
(2) Represents Gulf's 25% Ownership

SCHEDULE E-4

# SYSTEM NET GENERATION AND FUEL COST
## GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF : NOVEMBER, 1996

| Line | (a) Plant/Unit | (b) Net Cap. (MW) | (c) Net Gen. (MWH) | (d) Cap. Factor (%) | (e) Equiv. Avail. Factor (%) | (f) Net Output Factor (%) | (g) Avg. Net Heat Rate (BTU/KWH) | (h) Fuel Type | (i) Fuel Burned (Units) Tons/MCF/Bbl | (j) Fuel Heat Value (BTU/Unit) Lbs/CF/Gal | (k) Fuel Burned (MMBTU) | (l) As Burned Fuel Cost ($) | (m) Fuel Cost/ KWH (¢/KWH) | (n) Fuel Cost/ Unit ($/Unit) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Crist 1 | 23.0 | 40 | 0.2 | 100.0 | 0.2 | 13,550 | Gas - G | 526 | 1,030 | 542 | 1,185 | 2.96 | 2.25 |
| 2 | 1 | | | | | | | Oil - G | | | | | | |
| 3 | Crist 2 | 25.0 | 40 | 0.2 | 100.0 | 0.2 | 14,025 | Gas - G | 545 | 1,030 | 561 | 1,227 | 3.07 | 2.25 |
| 4 | 2 | | | | | | | Oil - G | | | | | | |
| 5 | Crist 3 | 33.0 | 80 | 0.3 | 100.0 | 0.3 | 14,275 | Gas - G | 1,109 | 1,030 | 1,142 | 2,497 | 3.12 | 2.25 |
| 6 | 3 | | | | | | | Oil - G | | | | | | |
| 7 | Crist 4 | 84.0 | 3,230 | 5.3 | 69.4 | 7.7 | 10,577 | Coal | 1,420 | 12,030 | 34,165 | 74,929 | 2.32 | 52.77 |
| 8 | 4 | | | | | | | Gas - G | | | | | | |
| 9 | Crist 5 | 81.0 | 2,280 | 3.9 | 96.4 | 4.1 | 10,869 | Coal | 1,030 | 12,030 | 24,782 | 54,339 | 2.38 | 52.76 |
| 10 | 5 | | | | | | | Gas - G | | | | | | |
| 11 | Crist 6 | 317.0 | 116,700 | 51.1 | 92.8 | 55.1 | 10,690 | Coal | 51,853 | 12,030 | 1,247,553 | 2,735,230 | 2.34 | 52.75 |
| 12 | 6 | | | | | | | Gas - G | | | | | | |
| 13 | Crist 7 | 504.0 | 135,760 | 37.4 | 61.4 | 60.9 | 10,568 | Coal | 59,630 | 12,030 | 1,434,667 | 3,145,468 | 2.32 | 52.75 |
| 14 | 7 | | | | | | | Gas - G | | | | | | |
| 15 | Scherer 3 (2) | 209.0 | 118,760 | 78.9 | 95.8 | 82.4 | 10,028 | Coal | 61,361 | 9,705 | 1,190,984 | 2,098,542 | 1.77 | 34.20 |
| 16 | Scholz 1 | 47.0 | 500 | 1.5 | 70.0 | 2.1 | 11,736 | Coal | 245 | 11,980 | 5,868 | 10,430 | 2.09 | 42.57 |
| 17 | Scholz 2 | 47.0 | 400 | 1.2 | 96.7 | 1.2 | 12,035 | Coal | 201 | 11,980 | 4,814 | 8,556 | 2.14 | 42.57 |
| 18 | Smith 1 | 161.0 | 77,820 | 67.1 | 68.3 | 98.3 | 10,270 | Coal | 33,940 | 11,773 | 799,177 | 1,259,501 | 1.62 | 37.11 |
| 19 | Smith 2 | 191.0 | 88,610 | 64.4 | 68.5 | 94.1 | 10,302 | Coal | 38,769 | 11,773 | 912,895 | 1,438,730 | 1.62 | 37.11 |
| 20 | Smith A (CT) | 31.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Oil - G | 0 | 0 | 0 | 0 | NA | NA |
| 21 | Daniel 1 (1) | 246.5 | 86,070 | 48.5 | 61.7 | 78.6 | 10,337 | Coal | 43,577 | 10,209 | 889,715 | 1,465,479 | 1.70 | 33.63 |
| 22 | Daniel 2 (1) | 247.5 | 138,230 | 77.6 | 96.9 | 80.1 | 10,109 | Coal | 68,441 | 10,209 | 1,397,360 | 2,301,670 | 1.67 | 33.63 |
| 23 | Gas,BL | | | | | | | Gas | 19,819 | 1,030 | 20,414 | 44,632 | NA | 2.25 |
| 24 | Ltr. Oil | | | | | | | Oil | 1,577 | 140,524 | 9,308 | 37,469 | NA | 23.76 |
| 25 | | 2,247.0 | 768,520 | 47.5 | 78.5 | 60.5 | 10,376 | | | | 7,973,947 | 14,679,884 | 1.91 | |

Notes:

(1) Represents Gulf's 50% Ownership — 112,018 — 2,287,075 — 0

(2) Represents Gulf's 25% Ownership — 3,268,596

SCHEDULE E-4

# SYSTEM NET GENERATION AND FUEL COST
## GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF : DECEMBER 1996

| Line | (a) Plant/Unit | (b) Net Cap. (MW) | (c) Net Gen. (MWH) | (d) Cap. Factor (%) | (e) Equiv. Avail. Factor (%) | (f) Net Output Factor (%) | (g) Avg. Net Heat Rate (BTU/KWH) | (h) Fuel Type | (i) Fuel Burned (Units) Tons/MCF/Bbl | (j) Fuel Heat Value (BTU/Unit) Lbs/CF/Gal | (k) Fuel Burned MMBTU | (l) As Burned Fuel Cost ($) | (m) Fuel Cost/ KWH (¢/KWH) | (n) Fuel Cost/ Unit ($/Unit) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Crist 1 | 23.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Gas - G | 0 | 1,030 | 0 | 0 | NA | NA |
| 2 | 1 | | | | | | | Oil - G | | | | | | |
| 3 | Crist 2 | 25.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Gas - G | 0 | 1,030 | 0 | 0 | NA | NA |
| 4 | 2 | | | | | | | Oil - G | | | | | | |
| 5 | Crist 3 | 33.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Gas - G | 16 | 1,030 | 16 | 36 | NA | 2.25 |
| 6 | 3 | | | | | | | Oil - G | | | | | | |
| 7 | Crist 4 | 84.0 | 1,840 | 2.9 | 99.7 | 3.0 | 10,286 | Coal | 787 | 12,024 | 18,926 | 41,814 | 2.27 | 53.13 |
| 8 | 4 | | | | | | | Gas - G | | | | | | |
| 9 | Crist 5 | 81.0 | 370 | 0.6 | 74.2 | 0.8 | 10,595 | Coal | 163 | 12,024 | 3,920 | 8,654 | 2.34 | 53.09 |
| 10 | 5 | | | | | | | Gas - G | | | | | | |
| 11 | Crist 6 | 317.0 | 86,990 | 36.9 | 71.2 | 51.8 | 10,795 | Coal | 39,048 | 12,024 | 939,059 | 2,073,046 | 2.38 | 53.09 |
| 12 | 6 | | | | | | | Gas - G | | | | | | |
| 13 | Crist 7 | 504.0 | 183,210 | 48.9 | 87.6 | 55.8 | 10,684 | Coal | 81,395 | 12,024 | 1,957,457 | 4,321,240 | 2.36 | 53.09 |
| 14 | 7 | | | | | | | Gas - G | | | | | | |
| 15 | Scherer 3 (2) | 209.0 | 113,650 | 73.1 | 95.8 | 76.3 | 10,075 | Coal | 58,977 | 9,708 | 1,145,055 | 2,031,743 | 1.79 | 34.45 |
| 16 | Scholz 1 | 47.0 | 50 | 0.1 | 100.0 | 0.1 | 11,580 | Coal | 24 | 11,980 | 579 | 1,033 | 2.07 | 43.04 |
| 17 | Scholz 2 | 47.0 | 30 | 0.1 | 74.2 | 0.1 | 13,667 | Coal | 17 | 11,980 | 410 | 713 | 2.38 | 41.94 |
| 18 | Smith 1 | 161.0 | 108,190 | 90.3 | 97.6 | 92.5 | 10,202 | Coal | 46,819 | 11,787 | 1,103,731 | 1,795,048 | 1.66 | 38.34 |
| 19 | Smith 2 | 191.0 | 119,990 | 84.4 | 97.7 | 86.4 | 10,341 | Coal | 52,633 | 11,787 | 1,240,798 | 2,017,942 | 1.68 | 38.34 |
| 20 | Smith A (CT) | 31.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Oil - G | 0 | 0 | 0 | 0 | NA | NA |
| 21 | Daniel 1 (1) | 246.5 | 104,800 | 57.1 | 80.5 | 71.0 | 10,431 | Coal | 54,892 | 9,957 | 1,093,134 | 1,779,050 | 1.70 | 32.41 |
| 22 | Daniel 2 (1) | 247.5 | 129,670 | 70.4 | 96.9 | 72.7 | 10,236 | Coal | 66,652 | 9,957 | 1,327,328 | 2,160,191 | 1.67 | 32.41 |
| 23 | Gas,BL | | | | | | | Gas | 19,819 | 1,030 | 20,414 | 44,632 | NA | 2.25 |
| 24 | Ltr. Oil | | | | | | | Oil | 1,577 | 140,532 | 9,308 | 37,480 | NA | 23.77 |
| 25 | | 2,247.0 | 848,790 | 50.8 | 88.4 | 57.4 | 10,439 | | | | 8,860,135 | 16,312,622 | 1.92 | |

Notes:

(1) Represents Gulf's 50% Ownership

(2) Represents Gulf's 25% Ownership

SCHEDULE E-4

# SYSTEM NET GENERATION AND FUEL COST
## GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF : JANUARY 1997

| Line | (a) Plant/Unit | (b) Net Cap. (MW) | (c) Net Gen. (MWH) | (d) Cap. Factor (%) | (e) Equiv. Avail. Factor (%) | (f) Net Output Factor (%) | (g) Avg. Net Heat Rate (BTU/KWH) | (h) Fuel Type | (i) Fuel Burned (Units) Tons/MCF/Bbl | (j) Fuel Heat Value (BTU/Unit) Lbs/CF/Gal | (k) Fuel Burned (MMBTU) | (l) As Burned Fuel Cost ($) | (m) Fuel Cost/ KWH (¢/KWH) | (n) Fuel Cost/ Unit ($/Unit) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Crist 1 | 23.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Gas - G | 25 | 1,030 | 26 | 107 | NA | 4.28 |
| 2 | 1 | | | | | | | Oil - G | | | | | | |
| 3 | Crist 2 | 25.0 | 0 | 0.0 | 100.0 | 0.0 | NA | Gas - G | 27 | 1,030 | 28 | 115 | NA | 4.26 |
| 4 | 2 | | | | | | | Oil - G | | | | | | |
| 5 | Crist 3 | 33.0 | 90 | 0.4 | 100.0 | 0.4 | 13,211 | Gas - G | 1,155 | 1,030 | 1,189 | 4,895 | 5.44 | 4.24 |
| 6 | 3 | | | | | | | Oil - G | | | | | | |
| 7 | Crist 4 | 84.0 | 22,170 | 35.5 | 95.4 | 37.2 | 10,900 | Coal | 10,052 | 12,020 | 241,650 | 537,631 | 2.43 | 53.48 |
| 8 | 4 | | | | | | | Gas - G | | | | | | |
| 9 | Crist 5 | 81.0 | 21,510 | 35.7 | 96.8 | 36.9 | 11,311 | Coal | 10,121 | 12,020 | 243,309 | 541,384 | 2.52 | 53.49 |
| 10 | 5 | | | | | | | Gas - G | | | | | | |
| 11 | Crist 6 | 317.0 | 102,460 | 43.4 | 89.8 | 48.4 | 10,915 | Coal | 46,521 | 12,020 | 1,118,394 | 2,488,422 | 2.43 | 53.49 |
| 12 | 6 | | | | | | | Gas - G | | | | | | |
| 13 | Crist 7 | 504.0 | 167,870 | 44.8 | 87.6 | 51.1 | 10,814 | Coal | 75,514 | 12,020 | 1,815,397 | 4,039,269 | 2.41 | 53.49 |
| 14 | 7 | | | | | | | Gas - G | | | | | | |
| 15 | Scherer 3 (2) | 209.0 | 118,070 | 75.9 | 95.8 | 79.3 | 10,044 | Coal | 61,170 | 9,694 | 1,185,924 | 2,104,847 | 1.78 | 34.41 |
| 16 | Scholz 1 | 47.0 | 9,210 | 26.3 | 99.1 | 26.6 | 11,918 | Coal | 4,578 | 11,988 | 109,763 | 196,434 | 2.13 | 42.91 |
| 17 | Scholz 2 | 47.0 | 9,180 | 26.3 | 99.1 | 26.5 | 12,098 | Coal | 4,632 | 11,988 | 111,059 | 198,767 | 2.17 | 42.91 |
| 18 | Smith 1 | 161.0 | 112,140 | 93.6 | 97.6 | 95.9 | 10,365 | Coal | 49,445 | 11,754 | 1,162,343 | 1,795,848 | 1.60 | 36.32 |
| 19 | Smith 2 | 191.0 | 126,620 | 89.1 | 97.7 | 91.2 | 10,403 | Coal | 56,036 | 11,754 | 1,317,281 | 2,035,222 | 1.61 | 36.32 |
| 20 | Smith A (CT) | 31.0 | 80 | 0.3 | 100.0 | 0.3 | 14,825 | Oil - G | 204 | 138,498 | 1,186 | 4,967 | 6.21 | 24.35 |
| 21 | Daniel 1 (1) | 246.5 | 122,060 | 66.6 | 92.5 | 72.0 | 10,419 | Coal | 63,023 | 10,090 | 1,271,766 | 2,035,621 | 1.67 | 32.30 |
| 22 | Daniel 2 (1) | 247.5 | 113,710 | 61.8 | 78.2 | 79.0 | 10,128 | Coal | 57,068 | 10,090 | 1,151,602 | 1,843,286 | 1.62 | 32.30 |
| 23 | Gas,BL | | | | | | | Gas | 19,819 | 1,030 | 20,414 | 84,021 | NA | 4.24 |
| 24 | Ltr. Oil | | | | | | | Oil | 1,577 | 140,534 | 9,308 | 37,469 | NA | 23.76 |
| 25 | | 2,247.0 | 925,170 | 55.3 | 91.5 | 60.5 | 10,550 | | | | 9,760,639 | 17,948,305 | 1.94 | |

Notes:
(1) Represents Gulf's 50% Ownership
(2) Represents Gulf's 25% Ownership

SCHEDULE E-4

# SYSTEM NET GENERATION AND FUEL COST
## GULF POWER COMPANY
### ESTIMATED FOR THE MONTH OF : FEBRUARY 1997

| Line | (a) Plant/Unit | (b) Net Cap. (MW) | (c) Net Gen. (MWH) | (d) Cap. Factor (%) | (e) Equiv. Avail. Factor (%) | (f) Net Output Factor (%) | (g) Avg. Net Heat Rate (BTU/KWH) | (h) Fuel Type | (i) Fuel Burned (Units) Tons/MCF/Bbl | (j) Fuel Heat Value (BTU/Unit) Lbs/CF/Gal | (k) Fuel Burned (MMBTU) | (l) As Burned Fuel Cost ($) | (m) Fuel Cost/ KWH (¢/KWH) | (n) Fuel Cost/ Unit ($/Unit) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Crist 1 | 23.0 | 0 | 0.0 | 67.9 | 0.0 | NA | Gas - G | 0 | 1,030 | 0 | 0 | NA | NA |
| 2 | 1 | | | | | | | Oil - G | | | | | | |
| 3 | Crist 2 | 25.0 | 0 | 0.0 | 67.9 | 0.0 | NA | Gas - G | 0 | 1,030 | 0 | 0 | NA | NA |
| 4 | 2 | | | | | | | Oil - G | | | | | | |
| 5 | Crist 3 | 33.0 | 10 | 0.0 | 100.0 | 0.0 | 9,400 | Gas - G | 91 | 1,030 | 94 | 386 | 3.86 | 4.24 |
| 6 | 3 | | | | | | | Oil - G | | | | | | |
| 7 | Crist 4 | 84.0 | 30,730 | 54.4 | 93.2 | 58.4 | 10,852 | Coal | 13,874 | 12,018 | 333,475 | 746,125 | 2.43 | 53.78 |
| 8 | 4 | | | | | | | Gas - G | | | | | | |
| 9 | Crist 5 | 81.0 | 1,880 | 3.5 | 99.9 | 3.5 | 10,599 | Coal | 829 | 12,018 | 19,926 | 44,588 | 2.37 | 53.79 |
| 10 | 5 | | | | | | | Gas - G | | | | | | |
| 11 | Crist 6 | 317.0 | 106,770 | 50.1 | 96.0 | 52.2 | 10,780 | Coal | 47,889 | 12,018 | 1,151,020 | 2,575,462 | 2.41 | 53.78 |
| 12 | 6 | | | | | | | Gas - G | | | | | | |
| 13 | Crist 7 | 504.0 | 148,420 | 43.8 | 78.3 | 56.0 | 10,678 | Coal | 65,936 | 12,018 | 1,584,781 | 3,546,061 | 2.39 | 53.78 |
| 14 | 7 | | | | | | | Gas - G | | | | | | |
| 15 | Scherer 3 (2) | 209.0 | 110,890 | 79.0 | 95.8 | 82.4 | 10,029 | Coal | 57,293 | 9,706 | 1,112,170 | 1,979,458 | 1.79 | 34.55 |
| 16 | Scholz 1 | 47.0 | 510 | 1.6 | 100.0 | 1.6 | 11,555 | Coal | 246 | 11,988 | 5,893 | 10,549 | 2.07 | 42.88 |
| 17 | Scholz 2 | 47.0 | 340 | 1.1 | 75.0 | 1.4 | 11,768 | Coal | 167 | 11,988 | 4,001 | 7,177 | 2.11 | 42.98 |
| 18 | Smith 1 | 161.0 | 97,920 | 90.5 | 94.2 | 96.1 | 10,317 | Coal | 42,937 | 11,764 | 1,010,212 | 1,593,836 | 1.63 | 37.12 |
| 19 | Smith 2 | 191.0 | 107,020 | 83.4 | 90.8 | 91.8 | 10,313 | Coal | 46,912 | 11,764 | 1,103,736 | 1,741,359 | 1.63 | 37.12 |
| 20 | Smith A (CT) | 31.0 | 10 | 0.0 | 100.0 | 0.0 | 9,500 | Oil - G | 16 | 138,498 | 95 | 398 | 3.98 | 24.88 |
| 21 | Daniel 1 (1) | 246.5 | 87,720 | 53.0 | 69.3 | 76.4 | 10,367 | Coal | 44,567 | 10,202 | 909,365 | 1,461,349 | 1.67 | 32.79 |
| 22 | Daniel 2 (1) | 247.5 | 124,490 | 74.8 | 93.5 | 80.1 | 10,107 | Coal | 61,667 | 10,202 | 1,258,277 | 2,022,065 | 1.62 | 32.79 |
| 23 | Gas,BL | | | | | | | Gas | 19,819 | 1,030 | 20,414 | 84,021 | NA | 4.24 |
| 24 | Ltr. Oil | | | | | | | Oil | 1,577 | 140,538 | 9,308 | 37,466 | NA | 23.76 |
| 25 | | 2,247.0 | 816,710 | 54.1 | 87.4 | 61.9 | 10,435 | | | | 8,522,767 | 15,850,300 | 1.94 | |

Notes:

(1) Represents Gulf's 50% Ownership

(2) Represents Gulf's 25% Ownership

# SYSTEM NET GENERATION AND FUEL COST
## GULF POWER COMPANY
### ESTIMATED FOR THE PERIOD : OCTOBER 1996 - MARCH 1997

| Line | (a) Plant/Unit | (b) Net Cap. (MW) | (c) Net Gen. (MWH) | (d) Cap. Factor (%) | (e) Equiv. Avail. Factor (%) | (f) Net Output Factor (%) | (g) Avg. Net Heat Rate (BTU/KWH) | (h) Fuel Type | (i) Fuel Burned (Units) Tons/MCF/Bbl | (j) Fuel Heat Value (BTU/Unit) Lbs/CF/Gal | (k) Fuel Burned (MMBTU) | (l) As Burned Fuel Cost ($) | (m) Fuel Cost/ KWH (¢/KWH) | (n) Fuel Cost/ Unit ($/Unit) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Crist 1 | 23.0 | 220 | 0.2 | 95.0 | 0.2 | 14,532 | Gas - G | 3,103 | 1,030 | 3,197 | 6,536 | 2.97 | 2.11 |
| 2 | 1 | | | | | | | Oil - G | | | | | | |
| 3 | Crist 2 | 25.0 | 230 | 0.2 | 95.0 | 0.2 | 14,643 | Gas - G | 3,271 | 1,030 | 3,368 | 6,885 | 2.99 | 2.10 |
| 4 | 2 | | | | | | | Oil - G | | | | | | |
| 5 | Crist 3 | 33.0 | 550 | 0.4 | 98.3 | 0.4 | 13,605 | Gas - G | 7,266 | 1,030 | 7,483 | 18,034 | 3.28 | 2.48 |
| 6 | 3 | | | | | | | Oil - G | | | | | | |
| 7 | Crist 4 | 84.0 | 77,170 | 21.0 | 83.2 | 25.3 | 10,766 | Coal | 34,559 | 12,020 | 830,806 | 1,849,282 | 2.40 | 53.51 |
| 8 | 4 | | | | | | | Gas - G | | | | | | |
| 9 | Crist 5 | 81.0 | 53,790 | 15.2 | 93.8 | 16.2 | 11,149 | Coal | 24,947 | 12,019 | 599,692 | 1,334,205 | 2.48 | 53.48 |
| 10 | 5 | | | | | | | Gas - G | | | | | | |
| 11 | Crist 6 | 317.0 | 680,370 | 49.1 | 90.2 | 54.5 | 10,709 | Coal | 302,975 | 12,025 | 7,286,286 | 16,102,528 | 2.37 | 53.15 |
| 12 | 6 | | | | | | | Gas - G | | | | | | |
| 13 | Crist 7 | 504.0 | 1,050,710 | 47.7 | 81.9 | 58.3 | 10,626 | Coal | 464,254 | 12,024 | 11,164,763 | 24,677,263 | 2.35 | 53.15 |
| 14 | 7 | | | | | | | Gas - G | | | | | | |
| 15 | Scherer 3 (2) | 209.0 | 702,590 | 77.0 | 95.8 | 80.3 | 10,043 | Coal | 363,280 | 9,712 | 7,056,376 | 12,493,410 | 1.78 | 34.39 |
| 16 | Scholz 1 | 47.0 | 12,020 | 5.9 | 94.9 | 6.2 | 11,821 | Coal | 5,927 | 11,987 | 142,093 | 254,099 | 2.11 | 42.87 |
| 17 | Scholz 2 | 47.0 | 11,450 | 5.6 | 90.0 | 6.2 | 12,037 | Coal | 5,749 | 11,987 | 137,828 | 246,511 | 2.15 | 42.88 |
| 18 | Smith 1 | 161.0 | 620,560 | 88.2 | 92.2 | 95.7 | 10,269 | Coal | 271,132 | 11,752 | 6,372,615 | 9,744,445 | 1.57 | 35.94 |
| 19 | Smith 2 | 191.0 | 694,860 | 83.3 | 91.8 | 90.7 | 10,354 | Coal | 306,101 | 11,752 | 7,194,416 | 10,996,321 | 1.58 | 35.92 |
| 20 | Smith A (CT) | 31.0 | 90 | 0.1 | 100.0 | 0.1 | 14,233 | Oil - G | 220 | 138,636 | 1,281 | 5,365 | 5.96 | 24.39 |
| 21 | Daniel 1 (1) | 246.5 | 490,180 | 45.5 | 61.0 | 74.6 | 10,385 | Coal | 249,853 | 10,187 | 5,090,446 | 8,296,180 | 1.69 | 33.20 |
| 22 | Daniel 2 (1) | 247.5 | 674,360 | 62.4 | 79.9 | 78.1 | 10,141 | Coal | 335,224 | 10,200 | 6,838,841 | 11,145,051 | 1.65 | 33.25 |
| 23 | Gas.BL | | | | | | | Gas | 118,914 | 1,030 | 122,484 | 341,935 | NA | 2.8 |
| 24 | Ltr. Oil | | | | | | | Oil | 9,380 | 140,529 | 55,363 | 222,944 | NA | 23.7 |
| 25 | | 2,247.0 | 5,069,150 | 51.6 | 85.1 | 60.7 | 10,437 | | | | 52,907,338 | 97,740,994 | 1.93 | |

Notes:
(1) Represents Gulf's 50% Ownership
(2) Represents Gulf's 25% Ownership

## SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
## GULF POWER COMPANY
## ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|---|---|---|---|---|---|---|---|
| HEAVY OIL | OCTOBER | NOVEMBER | DECEMBER | JANUARY | FEBRUARY | MARCH | TOTAL |
| 1 *PURCHASES:* | | | | | | | |
| 2 UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 UNIT COST ($/BBL) | NA | NA | NA | NA | NA | NA | NA |
| 4 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 *BURNED:* | | | | | | | |
| 6 UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 UNIT COST ($/BBL) | NA | NA | NA | NA | NA | NA | NA |
| 8 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 *ENDING INVENTORY:* | | | | | | | |
| 10 UNITS (BBL) | 31,039 | 31,039 | 31,039 | 31,039 | 31,039 | 31,039 | |
| 11 UNIT COST ($/BBL) | 13.60 | 13.60 | 13.60 | 13.60 | 13.60 | 13.60 | |
| 12 AMOUNT ($) | 422,250 | 422,250 | 422,250 | 422,250 | 422,250 | 422,250 | |
| 14 DAYS SUPPLY: | 7 | 7 | 7 | 7 | 7 | 7 | |
| LIGHT OIL | | | | | | | |
| 15 *PURCHASES:* | | | | | | | |
| 16 UNITS (BBL) | 1,586 | 1,586 | 1,586 | 1,586 | 1,566 | 1,504 | 9,414 |
| 17 UNIT COST ($/BBL) | 23.92 | 23.92 | 23.92 | 23.87 | 23.86 | 23.89 | 23.90 |
| 18 AMOUNT ($) | 37,936 | 37,933 | 37,934 | 37,858 | 37,361 | 35,934 | 224,956 |
| 20 *BURNED:* | | | | | | | |
| 21 UNITS (BBL) | 1,577 | 1,577 | 1,577 | 1,577 | 1,577 | 1,495 | 9,380 |
| 22 UNIT COST ($/BBL) | 23.75 | 23.76 | 23.77 | 23.76 | 23.76 | 23.82 | 23.77 |
| 23 AMOUNT ($) | 37,453 | 37,469 | 37,480 | 37,469 | 37,466 | 35,607 | 222,944 |
| 24 *ENDING INVENTORY:* | | | | | | | |
| 25 UNITS (BBL) | 6,644 | 6,653 | 6,662 | 6,671 | 6,660 | 6,669 | |
| 26 UNIT COST ($/BBL) | 23.39 | 23.43 | 23.46 | 23.49 | 23.51 | 23.53 | |
| 27 AMOUNT ($) | 155,392 | 155,856 | 156,310 | 156,699 | 156,594 | 156,921 | |
| 29 DAYS SUPPLY: | NA | NA | NA | NA | NA | NA | |
| COAL | | | | | | | |
| 30 *PURCHASES:* | | | | | | | |
| 31 UNITS (TONS) | 449,107 | 367,937 | 388,765 | 398,349 | 358,820 | 409,323 | 2,372,301 |
| 32 UNIT COST ($/TON) | 39.56 | 40.88 | 40.49 | 42.16 | 42.98 | 41.84 | 41.26 |
| 33 AMOUNT ($) | 17,767,098 | 15,042,429 | 15,742,296 | 16,793,822 | 15,420,957 | 17,124,528 | 97,891,130 |
| 34 *BURNED:* | | | | | | | |
| 35 UNITS (TONS) | 423,839 | 360,467 | 401,407 | 438,160 | 382,317 | 357,811 | 2,364,001 |
| 36 UNIT COST ($/TON) | 40.92 | 40.48 | 40.43 | 40.66 | 41.14 | 43.11 | 41.09 |
| 37 AMOUNT ($) | 17,344,703 | 14,592,874 | 16,230,474 | 17,816,731 | 15,728,029 | 15,426,484 | 97,139,295 |
| 38 *ENDING INVENTORY:* | | | | | | | |
| 39 UNITS (TONS) | 953,407 | 960,877 | 948,235 | 908,424 | 884,927 | 936,439 | |
| 40 UNIT COST ($/TON) | 41.20 | 41.35 | 41.39 | 42.08 | 42.85 | 42.30 | |
| 41 AMOUNT ($) | 39,283,556 | 39,733,111 | 39,244,933 | 38,222,024 | 37,914,952 | 39,612,996 | |
| 43 DAYS SUPPLY | 44 | 44 | 43 | 42 | 41 | 43 | |
| GAS | | | | | | | |
| 48 *BURNED:* | | | | | | | |
| 49 UNITS (MCF) | 27,697 | 21,999 | 19,835 | 21,026 | 19,910 | 22,087 | 132,554 |
| 50 UNIT COST ($/MCF) | 2.02 | 2.25 | 2.25 | 4.24 | 4.24 | 2.25 | 2.82 |
| 51 AMOUNT ($) | 55,896 | 49,541 | 44,668 | 89,138 | 84,407 | 49,740 | 373,390 |
| OTHER - C.T. OIL | | | | | | | |
| 62 *PURCHASES:* | | | | | | | |
| 63 UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 UNIT COST ($/BBL) | NA | NA | NA | NA | NA | NA | NA |
| 65 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 *BURNED:* | | | | | | | |
| 67 UNITS (BBL) | 0 | 0 | 0 | 204 | 16 | 0 | 220 |
| 68 UNIT COST ($/BBL) | NA | NA | NA | 24.35 | 24.88 | NA | 24.39 |
| 69 AMOUNT ($) | 0 | 0 | 0 | 4,967 | 398 | 0 | 5,365 |
| 70 *ENDING INVENTORY:* | | | | | | | |
| 71 UNITS (BBL) | 1,554 | 1,554 | 1,554 | 1,351 | 1,334 | 1,334 | |
| 72 UNIT COST ($/BBL) | 24.37 | 24.37 | 24.37 | 24.35 | 24.36 | 24.36 | |
| 73 AMOUNT ($) | 37,865 | 37,865 | 37,865 | 32,898 | 32,500 | 32,500 | |
| 75 DAYS SUPPLY: | 19 | 19 | 19 | 17 | 17 | 17 | |

# POWER SOLD
## GULF POWER COMPANY
## ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| (1) | (3) | (4) | (5) | (6) | (7) | | (8) | (9) |
|---|---|---|---|---|---|---|---|---|
| | | | KWH | | (A) | (B) | (6) x (7)(A) | (6) x (7)(B) |
| | | TOTAL | WHEELED | KWH | ¢ / KWH | | TOTAL $ | |
| MONTH | | KWH | FROM OTHER | FROM OWN | FUEL | TOTAL | FOR FUEL | TOTAL COST |
| LINE | TYPE & SCHEDULE | SOLD | SYSTEMS | GENERATION | COST | COST | ADJUSTMENT | $ |
| | OCTOBER | | | | | | | |
| 1 | Southern Co. Interchange | 154,300,000 | 0 | 154,300,000 | 2.03 | 2.39 | 3,125,000 | 3,693,000 |
| 2 | Unit Power Sales | 73,980,000 | 0 | 73,980,000 | 1.84 | 1.93 | 1,363,000 | 1,426,000 |
| 3 | Economy Sales | 3,720,000 | 0 | 3,720,000 | 2.23 | 2.63 | 83,000 | 98,000 |
| 4 | 80% Gain on Economy Sales | | | | | | 8,800 | 11,000 |
| 5 | SEPA | 0 | 0 | 0 | NA | NA | 0 | 0 |
| 6 | TOTAL ESTIMATED SALES | 232,000,000 | 0 | 232,000,000 | 1.97 | 2.25 | 4,579,800 | 5,228,000 |
| | NOVEMBER | | | | | | | |
| 7 | Southern Co. Interchange | 95,361,000 | 0 | 95,361,000 | 2.05 | 2.42 | 1,957,000 | 2,311,000 |
| 8 | Unit Power Sales | 58,820,000 | 0 | 58,820,000 | 1.83 | 1.89 | 1,078,000 | 1,114,000 |
| 9 | Economy Sales | 3,590,000 | 0 | 3,590,000 | 2.23 | 2.65 | 80,000 | 95,000 |
| 10 | 80% Gain on Economy Sales | | | | | | 8,800 | 11,000 |
| 11 | SEPA | 0 | 0 | 0 | NA | NA | 0 | 0 |
| 12 | TOTAL ESTIMATED SALES | 157,771,000 | 0 | 157,771,000 | 1.98 | 2.24 | 3,123,800 | 3,531,000 |
| | DECEMBER | | | | | | | |
| 13 | Southern Co. Interchange | 98,718,000 | 0 | 98,718,000 | 1.98 | 2.32 | 1,958,000 | 2,289,000 |
| 14 | Unit Power Sales | 77,630,000 | 0 | 77,630,000 | 1.84 | 1.90 | 1,428,000 | 1,477,000 |
| 15 | Economy Sales | 5,330,000 | 0 | 5,330,000 | 2.05 | 2.40 | 109,000 | 128,000 |
| 16 | 80% Gain on Economy Sales | | | | | | 12,800 | 16,000 |
| 17 | SEPA | 0 | 0 | 0 | NA | NA | 0 | 0 |
| 18 | TOTAL ESTIMATED SALES | 181,678,000 | 0 | 181,678,000 | 1.93 | 2.15 | 3,507,800 | 3,910,000 |
| | JANUARY | | | | | | | |
| 19 | Southern Co. Interchange | 102,522,000 | 0 | 102,522,000 | 1.86 | 2.12 | 1,902,000 | 2,173,000 |
| 20 | Unit Power Sales | 70,580,000 | 0 | 70,580,000 | 1.85 | 1.93 | 1,309,000 | 1,359,000 |
| 21 | Economy Sales | 5,400,000 | 0 | 5,400,000 | 2.22 | 2.56 | 120,000 | 138,000 |
| 22 | 80% Gain on Economy Sales | | | | | | 12,800 | 16,000 |
| 23 | SEPA | 0 | 0 | 0 | NA | NA | 0 | 0 |
| 24 | TOTAL ESTIMATED SALES | 178,502,000 | 0 | 178,502,000 | 1.87 | 2.06 | 3,343,800 | 3,686,000 |
| | FEBRUARY | | | | | | | |
| 25 | Southern Co. Interchange | 119,891,000 | 0 | 119,891,000 | 1.98 | 2.30 | 2,368,000 | 2,755,000 |
| 26 | Unit Power Sales | 76,710,000 | 0 | 76,710,000 | 1.84 | 1.92 | 1,415,000 | 1,470,000 |
| 27 | Economy Sales | 4,870,000 | 0 | 4,870,000 | 2.14 | 2.48 | 104,000 | 121,000 |
| 28 | 80% Gain on Economy Sales | | | | | | 12,000 | 15,000 |
| 29 | SEPA | 0 | 0 | 0 | NA | NA | 0 | 0 |
| 30 | TOTAL ESTIMATED SALES | 201,471,000 | 0 | 201,471,000 | 1.94 | 2.16 | 3,899,000 | 4,361,000 |
| | MARCH | | | | | | | |
| 31 | Southern Co. Interchange | 71,020,000 | 0 | 71,020,000 | 2.18 | 2.61 | 1,550,000 | 1,854,000 |
| 32 | Unit Power Sales | 55,720,000 | 0 | 55,720,000 | 1.84 | 1.91 | 1,026,000 | 1,063,000 |
| 33 | Economy Sales | 3,760,000 | 0 | 3,760,000 | 2.21 | 2.66 | 83,000 | 100,000 |
| 34 | 80% Gain on Economy Sales | | | | | | 8,800 | 11,000 |
| 35 | SEPA | 0 | 0 | 0 | NA | NA | 0 | 0 |
| 36 | TOTAL ESTIMATED SALES | 130,500,000 | 0 | 130,500,000 | 2.04 | 2.32 | 2,667,800 | 3,028,000 |
| | TOTAL | | | | | | | |
| 37 | Southern Co. Interchange | 641,812,000 | 0 | 641,812,000 | 2.00 | 2.35 | 12,860,000 | 15,075,000 |
| 38 | Unit Power Sales | 413,440,000 | 0 | 413,440,000 | 1.84 | 1.91 | 7,619,000 | 7,909,000 |
| 39 | Economy Sales | 26,670,000 | 0 | 26,670,000 | 2.17 | 2.55 | 579,000 | 680,000 |
| 40 | 80% Gain on Economy Sales | | | 0 | | | 64,000 | 80,000 |
| 41 | SEPA | 0 | 0 | 0 | NA | NA | 0 | 0 |
| 42 | TOTAL ESTIMATED SALES | 1,081,922,000 | 0 | 1,081,922,000 | 1.95 | 2.19 | 21,122,000 | 23,744,000 |

# PURCHASED POWER
# GULF POWER COMPANY
# (EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) ¢ / KWH | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| MONTH | PURCHASED FROM | TYPE & SCHED | TOTAL KWH PURCH. | KWH FOR OTHER UTILITIES | KWH FOR INTERRUPTIBLE | KWH FOR FIRM | (A) FUEL COST | (B) TOTAL COST | TOTAL $ FOR FUEL ADJ. (7)x(8)(a) |
| October | NONE | | | | | | | | |
| November | NONE | | | | | | | | |
| December | NONE | | | | | | | | |
| January | NONE | | | | | | | | |
| February | NONE | | | | | | | | |
| March | NONE | | | | | | | | |
| Total | NONE | | | | | | | | |

SCHEDULE E-8

# ENERGY PAYMENT TO QUALIFYING FACILITIES
## GULF POWER COMPANY
## ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ¢/KWH | | |
| MONTH | PURCHASED FROM: | TYPE AND SCHEDULE | TOTAL MWH PURCHASED | MWH FOR OTHER UTILITIES | MWH FOR INTERRUPTIBLE | MWH FOR FIRM | (A) FUEL COST | (B) TOTAL COST | TOTAL $ FOR FUEL ADJ. |
| OCTOBER | Monsanto | COG-1 | 190 | | | 190 | 1.755 | 1.755 | 3,335 |
| NOVEMBER | Monsanto | COG-1 | 70 | | | 70 | 1.755 | 1.755 | 1,229 |
| DECEMBER | Monsanto | COG-1 | 0 | | | 0 | 1.755 | 1.755 | 0 |
| JANUARY | Monsanto | COG-1 | 50 | | | 50 | 1.755 | 1.755 | 878 |
| FEBRUARY | Monsanto | COG-1 | 0 | | | 0 | 1.755 | 1.755 | 0 |
| MARCH | Monsanto | COG-1 | 30 | | | 30 | 1.755 | 1.755 | 527 |
| TOTAL | | | 340 | | | 340 | 1.755 | 1.755 | 5,969 |

# ECONOMY ENERGY PURCHASES
## GULF POWER COMPANY
## ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| (1) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|
| MONTH LINE | TYPE & SCHEDULE | TOTAL KWH PURCHASED | TRANSACTION COST ¢ / KWH | TOTAL $ FOR FUEL ADJ. |
| OCTOBER | | | | |
| 1 | Southern Co. Interchange | 9,030,000 | 1.74 | 157,000 |
| 2 | Unit Power Sales | 1,930,000 | 2.02 | 39,000 |
| 3 | Economy Energy | 250,000 | 2.00 | 5,000 |
| 4 | SEPA | 60,000 | NA | 0 |
| 5 | TOTAL ESTIMATED PURCHASES | 11,270,000 | 1.78 | 201,000 |
| NOVEMBER | | | | |
| 6 | Southern Co. Interchange | 26,310,000 | 1.75 | 460,000 |
| 7 | Unit Power Sales | 1,410,000 | 2.06 | 29,000 |
| 8 | Economy Energy | 130,000 | 2.31 | 3,000 |
| 9 | SEPA | 70,000 | NA | |
| 10 | TOTAL ESTIMATED PURCHASES | 27,920,000 | 1.76 | 492,000 |
| DECEMBER | | | | |
| 1 | Southern Co. Interchange | 94,130,000 | 1.68 | 1,583,000 |
| 2 | Unit Power Sales | 4,370,000 | 1.81 | 79,000 |
| 3 | Economy Energy | 380,000 | 1.84 | 7,000 |
| 4 | SEPA | 70,000 | NA | |
| 5 | TOTAL ESTIMATED PURCHASES | 98,950,000 | 1.69 | 1,669,000 |
| JANUARY | | | | |
| 6 | Southern Co. Interchange | 69,640,000 | 1.75 | 1,219,000 |
| 7 | Unit Power Sales | 6,290,000 | 2.10 | 132,000 |
| 8 | Economy Energy | 790,000 | 2.28 | 18,000 |
| 9 | SEPA | 90,000 | NA | 0 |
| 10 | TOTAL ESTIMATED PURCHASES | 76,810,000 | 1.78 | 1,369,000 |
| FEBRUARY | | | | |
| 29 | Southern Co. Interchange | 43,360,000 | 1.81 | 784,000 |
| 30 | Unit Power Sales | 3,550,000 | 1.97 | 70,000 |
| 31 | Economy Energy | 260,000 | 1.92 | 5,000 |
| 32 | SEPA | 80,000 | NA | 0 |
| 33 | TOTAL ESTIMATED PURCHASES | 47,250,000 | 1.82 | 859,000 |
| MARCH | | | | |
| 34 | Southern Co. Interchange | 49,340,000 | 1.74 | 860,000 |
| 35 | Unit Power Sales | 1,920,000 | 1.98 | 38,000 |
| 36 | Economy Energy | 310,000 | 1.94 | 6,000 |
| 37 | SEPA | 100,000 | NA | 0 |
| 38 | TOTAL ESTIMATED PURCHASES | 51,670,000 | 1.75 | 904,000 |
| TOTAL FOR PERIOD | | | | |
| 39 | Southern Co. Interchange | 291,810,000 | 1.74 | 5,063,000 |
| 40 | Unit Power Sales | 19,470,000 | 1.99 | 387,000 |
| 41 | Economy Energy | 2,120,000 | 2.08 | 44,000 |
| 42 | SEPA | 470,000 | NA | 0 |
| 43 | TOTAL ESTIMATED PURCHASES | 313,870,000 | 1.75 | 5,494,000 |

## RESIDENTIAL BILL COMPARISON
## FOR MONTHLY USAGE OF 1000 KWH
## GULF POWER COMPANY
### ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997

| | | OCTOBER | NOVEMBER | DECEMBER | JANUARY | FEBRUARY | MARCH | TOTAL |
|---|---|---|---|---|---|---|---|---|
| Base Rate Revenues | $ | 47.33 | 47.33 | 47.33 | 47.33 | 47.33 | 47.33 | 283.98 |
| Fuel Factor | ¢/KWH | 2.247 | 2.314 | 2.288 | 2.332 | 2.354 | 2.369 | 2.317 |
| Group Loss Multiplier | | 1.01228 | 1.01228 | 1.01228 | 1.01228 | 1.01228 | 1.01228 | |
| Fuel Adjustment Revenues | $ | 22.75 | 23.42 | 23.16 | 23.61 | 23.83 | 23.98 | 140.75 |
| TOTAL REVENUES | $ | 70.08 | 70.75 | 70.49 | 70.94 | 71.16 | 71.31 | 427.05 |

*Monthly and cumulative six month estimated data

## ESTIMATED AS-AVAILABLE AVOIDED ENERGY COST
## GULF POWER COMPANY

| | | TOTAL ¢ / KWH |
|---|---|---|
| 1996 | OCTOBER | 1.984 |
| | NOVEMBER | 1.755 |
| | DECEMBER | 1.755 |
| 1997 | JANUARY | 1.755 |
| | FEBRUARY | 1.755 |
| | MARCH | 1.755 |
| | APRIL | 2.086 |
| | MAY | 2.086 |
| | JUNE | 2.086 |
| | JULY | 2.086 |
| | AUGUST | 2.086 |
| | SEPTEMBER | 2.086 |
| | OCTOBER | 2.086 |
| | NOVEMBER | 1.786 |
| | DECEMBER | 1.786 |
| 1998 | JANUARY | 1.786 |
| | FEBRUARY | 1.786 |
| | MARCH | 1.786 |
| | APRIL | 2.105 |
| | MAY | 2.105 |
| | JUNE | 2.105 |
| | JULY | 2.105 |
| | AUGUST | 2.105 |
| | SEPTEMBER | 2.105 |

# CONTRACT RECOVERY CALCULATION
## GULF POWER COMPANY
## AIR PRODUCTS CONTRACT

(CONTRACT PROVIDES FOR ANNUAL RECOVERY OF
THE LESSER OF FUEL SAVINGS OR DEMAND CREDITS)
FUEL SAVINGS SUMMARY (APRIL 1995 - MARCH 1996)

| MONTH | YEAR | FUEL SAVINGS | AMOUNT TO RECOVER |
|---|---|---|---|
| APRIL | 1995 | 50,829 | |
| MAY | 1995 | 38,870 | |
| JUNE | 1995 | 49,714 | |
| JULY | 1995 | 34,014 | |
| AUGUST | 1995 | 9,952 | |
| SEPTEMBER | 1995 | 8,561 | |
| OCTOBER | 1995 | 25,880 | |
| NOVEMBER | 1995 | 29,604 | |
| DECEMBER | 1995 | 27,929 | |
| JANUARY | 1996 | (397) | |
| FEBRUARY | 1996 | (37,367) | |
| MARCH | 1996 | 4,760 | |
| | TOTAL: | $242,349 | |

DEMAND CREDITS PAID TO AIR PRODUCTS $346,500
APRIL 1995 - MARCH 1996

(1) HALF OF THE FUEL SAVINGS TO BE RECOVERED
DURING THE PERIOD OCTOBER 1996 - MARCH 1997: $121,175

(2) THE OTHER HALF OF THE FUEL SAVINGS, $121,174, WILL BE
RECOVERED DURING THE PERIOD APRIL 1997 - SEPTEMBER 1997.

| | | |
|---|---|---|
| TOTAL RECOVERY FROM SPECIAL CONTRACTS: | | $121,175 |
| REVENUE TAX FACTOR | X | 1.01609 |
| TOTAL RECOVERY ADJUSTED FOR REVENUE TAXES: | | $123,125 |

## GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
## GULF POWER COMPANY
## FOR THE PERIOD: OCTOBER 1996 - MARCH 1997

| LINE | LINE DESCRIPTION | YEAR 1994 | 1995 | 1996 | 1997 | Difference (%) From Prior Period 1994 to 1995 | 1995 to 1996 | 1996 to 1997 |
|---|---|---|---|---|---|---|---|---|
| | ***FUEL COST OF SYSTEM NET GENERATION ($)*** | | | | | | | |
| 1 | HEAVY OIL | 0 | 0 | 0 | 0 | NA | NA | NA |
| 2 | LIGHTER OIL | 250,912 | 277,341 | 255,559 | 222,944 | 10.53 | (7.85) | (12.76) |
| 3 | COAL | 88,717,793 | 110,895,057 | 87,455,309 | 97,139,295 | 25.00 | (21.14) | 11.07 |
| 4 | GAS | 55,359 | 5,917 | 65,386 | 31,455 | (89.31) | 1,005.05 | (51.89) |
| 4a | GAS (B.L.) | 241,125 | 320,554 | 305,559 | 341,935 | 32.94 | (4.68) | 11.90 |
| 6 | OTHER - C.T. | 21,370 | 1,211 | 251 | 5,365 | (94.33) | (79.27) | 2,037.45 |
| 7 | TOTAL ($) | 89,286,559 | 111,500,080 | 88,082,064 | 97,740,994 | 24.88 | (21.00) | 10.97 |
| | ***SYSTEM NET GENERATION (MWH)*** | | | | | | | |
| 8 | HEAVY OIL | 0 | 0 | 0 | 0 | NA | NA | NA |
| 9 | LIGHTER OIL | 0 | 0 | 0 | 0 | NA | NA | NA |
| 10 | COAL | 4,684,740 | 5,907,290 | 4,448,070 | 5,068,060 | 26.10 | (24.70) | 13.94 |
| 11 | GAS | 1,950 | 140 | 1,640 | 1,000 | (92.82) | 1,071.43 | (39.02) |
| 13 | OTHER - C.T. | 310 | 20 | 0 | 90 | (93.55) | (100.00) | NA |
| 14 | TOTAL (MWH) | 4,687,000 | 5,907,450 | 4,449,710 | 5,069,150 | 26.04 | (24.68) | 13.92 |
| | ***UNITS OF FUEL BURNED*** | | | | | | | |
| 15 | HEAVY OIL (BBL) | 0 | 0 | 0 | 0 | NA | NA | NA |
| 16 | LIGHTER OIL (BBL) | 10,149 | 11,580 | 10,785 | 9,380 | 14.10 | (6.87) | (13.03) |
| 17 | COAL (TON) | 2,018,923 | 2,761,995 | 2,066,838 | 2,364,001 | 36.81 | (25.17) | 14.38 |
| 18 | GAS (MCF) | 140,066 | 120,595 | 133,157 | 132,554 | (13.90) | 10.42 | (0.45) |
| 20 | OTHER - C.T. | 777 | 50 | 11 | 220 | (93.56) | (78.00) | 1,900.00 |
| | ***BTU'S BURNED (MMBTU)*** | | | | | | | |
| 21 | HEAVY OIL | 0 | 0 | 0 | 0 | NA | NA | NA |
| 22 | LIGHTER OIL | 0 | 0 | 0 | 0 | NA | NA | NA |
| 23 | COAL + GAS B.L. + OIL B.L. | 47,683,707 | 60,493,137 | 46,071,785 | 52,892,009 | 26.86 | (23.84) | 14.80 |
| 24 | GAS - Generation | 28,216 | 2,147 | 23,472 | 14,048 | (92.39) | 993.25 | (40.15) |
| 26 | OTHER - C.T. | 4,519 | 294 | 62 | 1,281 | (93.49) | (78.91) | 1,966.13 |
| 27 | TOTAL (MMBTU) | 47,716,442 | 60,495,578 | 46,095,319 | 52,907,338 | 26.78 | (23.80) | 14.78 |
| | ***GENERATION MIX (% MWH)*** | | | | | | | |
| 28 | HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | NA | NA | NA |
| 29 | LIGHTER OIL | 0.00 | 0.00 | 0.00 | 0.00 | NA | NA | NA |
| 30 | COAL + GAS B.L. + OIL B.L. | 99.95 | 100.00 | 99.96 | 99.98 | 0.05 | (0.04) | 0.02 |
| 31 | GAS - Generation | 0.04 | 0.00 | 0.04 | 0.02 | (100.00) | NA | (50.00) |
| 33 | OTHER - C.T. | 0.01 | 0.00 | 0.00 | 0.00 | (100.00) | NA | NA |
| 34 | TOTAL (% MWH) | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 0.00 | 0.00 |
| | ***FUEL COST PER UNIT*** | | | | | | | |
| 35 | HEAVY OIL ($/BBL) | NA | NA | NA | NA | NA | NA | NA |
| 36 | LIGHTER OIL B.L. ($/BBL) | 24.72 | 23.95 | 23.70 | 23.77 | (3.11) | (1.04) | 0.30 |
| 37 | COAL ($/TON) | 43.94 | 40.15 | 42.31 | 41.09 | (8.63) | 5.38 | (2.88) |
| 38 | GAS +B.L. ($/MCF) | 2.12 | 2.71 | 2.79 | 2.82 | 27.83 | 2.95 | 1.08 |
| 40 | OTHER - C.T. | 27.50 | 24.22 | 22.82 | 24.39 | (11.93) | (5.78) | 6.88 |
| | ***FUEL COST ($) / MMBTU*** | | | | | | | |
| 41 | HEAVY OIL | NA | NA | NA | NA | NA | NA | NA |
| 42 | LIGHTER OIL | NA | NA | NA | NA | NA | NA | NA |
| 43 | COAL + GAS B.L. + OIL B.L. | 1.87 | 1.84 | 1.91 | 1.85 | (1.60) | 3.80 | (3.14) |
| 44 | GAS - Generation | 1.96 | 2.76 | 2.79 | 2.24 | 40.82 | 1.09 | (19.71) |
| 46 | OTHER - C.T. | 4.73 | 4.12 | 4.05 | 4.19 | (12.90) | (1.70) | 3.46 |
| 47 | TOTAL ($/MMBTU) | 1.87 | 1.84 | 1.91 | 1.85 | (1.60) | 3.80 | (3.14) |
| | ***BTU BURNED / KWH*** | | | | | | | |
| 48 | HEAVY OIL | NA | NA | NA | NA | NA | NA | NA |
| 49 | LIGHTER OIL | NA | NA | NA | NA | NA | NA | NA |
| 50 | COAL + GAS B.L. + OIL B.L. | 10,179 | 10,240 | 10,358 | 10,436 | 0.60 | 1.15 | 0.75 |
| 51 | GAS - Generation | 14,470 | 15,336 | 14,312 | 14,048 | 5.98 | (6.68) | (1.84) |
| 53 | OTHER - C.T. | 14,577 | 14,700 | NA | 14,233 | 0.84 | NA | NA |
| 54 | TOTAL (BTU/KWH) | 10,181 | 10,241 | 10,359 | 10,437 | 0.59 | 1.15 | 0.75 |
| | ***FUEL COST (¢ / KWH)*** | | | | | | | |
| 55 | HEAVY OIL | NA | NA | NA | NA | NA | NA | NA |
| 56 | LIGHTER OIL | NA | NA | NA | NA | NA | NA | NA |
| 57 | COAL + GAS B.L. + OIL B.L. | 1.90 | 1.89 | 1.98 | 1.93 | (0.53) | 4.76 | (2.53) |
| 58 | GAS - Generation | 2.84 | 4.23 | 3.99 | 3.15 | 48.94 | (5.67) | (21.05) |
| 60 | OTHER - C.T. | 6.89 | 6.06 | NA | 5.96 | (12.05) | NA | NA |
| 61 | TOTAL (¢ / KWH) | 1.90 | 1.89 | 1.98 | 1.93 | (0.53) | 4.76 | (2.53) |

Schedule CCE-1

# Projected Purchased Power Capacity Payments/(Receipts)
## Gulf Power Company
## For October 1996 - September 1997

| | October | November | December | January | February | March | April | May | June | July | August | September | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 Projected IIC Payments/(Receipts) ($) | 540,005 | 602,884 | 900,837 | 2,043,218 | 2,157,250 | 1,070,603 | (170,748) | 273,538 | 830,305 | 900,628 | 767,611 | 819,398 | 10,735,529 |
| 2 Projected Capacity Payments to Monsanto ($) | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 62,202 | 746,424 |
| 3 Total Projected Capacity Payments/(Receipts) (Line 1 - Line 2) ($) | 602,207 | 665,086 | 963,039 | 2,105,420 | 2,219,452 | 1,132,805 | (108,546) | 335,740 | 892,507 | 962,830 | 829,813 | 881,600 | 11,481,953 |
| 4 Jurisdictional % | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 | 0.9631890 |
| 5 Projected Jurisdictional Capacity Payments/(Receipts) (Line 3 x Line 4) ($) | 580,039 | 640,604 | 927,589 | 2,027,917 | 2,137,752 | 1,091,105 | (104,550) | 323,381 | 859,653 | 927,387 | 799,267 | 849,147 | 11,059,291 |
| 6 Amount Included in Retail Base Rate Revenues ($) | (137,666) | (137,667) | (137,667) | (137,666) | (137,667) | (137,667) | (137,666) | (137,667) | (137,667) | (137,666) | (137,667) | (137,667) | (1,652,000) |
| 7 Jurisdictional Amount to be Recovered (Line 5 - Line 6) ($) | 717,705 | 778,271 | 1,065,256 | 2,165,583 | 2,275,419 | 1,228,772 | 33,116 | 461,048 | 997,320 | 1,065,053 | 936,934 | 986,814 | 12,711,291 |
| 8 True-Up ($) | | | | | | | | | | | | | (784,861) |
| 9 Total Jurisdictional Amount to be Recovered (Line 7 + Line 8) ($) | | | | | | | | | | | | | 11,926,430 |
| 10 Revenue Tax Multiplier | | | | | | | | | | | | | 1.01609 |
| 11 Total Recoverable Capacity Payments/(Receipts) (Line 9 x Line 10) ($) | | | | | | | | | | | | | 12,118,326 |

Calculation of Jurisdictional % *

| | 12 CP KW | % |
|---|---|---|
| FPSC | 1,596,935.08 | 96.31890% |
| FERC | 61,031.42 | 3.68110% |
| Total | 1,657,966.50 | 100.00000% |

* Based on 1995 Actual Data

## Schedule CCE-1a

## Purchased Power Capacity Cost Recovery Clause
## Calculation of True-up
## Gulf Power Company
## October 1996 - September 1997

| | | |
|---|---|---|
| 1 | Estimated over/(under)-recovery, October 1995 - September 1996 (Schedule CCE-1b, line 16) | $374,156 |
| 2 | Final True-up, April 1995 - September 1995 (Exhibit No. ___(SDC-1), filed May 17, 1996) | $410,705 |
| 3 | Total Over/(Under)-Recovery | $784,861 |
| 4 | Jurisdictional KWH sales, October 1996 - September 1997 | 8,788,587,000 |
| 5 | True-up Factor (Line 3 / Line 4) x 100 (Cents/KWH) | (0.0089) |

Schedule CCE-1b

**Purchased Power Capacity Cost Recovery Clause**
**Calculation of Estimated True-Up Amount**
**Gulf Power Company**
**For the Period October 1995 - September 1996**

| | Actual October | Actual November | Actual December | Actual January | Actual February | Actual March | Actual April | Actual May | Estimated June | Estimated July | Estimated August | Estimated September | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 IIC Payments/(Receipts) ($) | 352,489 | 998,863 | 1,209,535 | 1,185,652 | 1,692,302 | 2,007,664 | (235,204) | 80,434 | 853,981 | 960,872 | 496,183 | 684,876 | 10,287,646 |
| 2 Projected Capacity Payments to Monsanto ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62,202 | 62,202 | 62,202 | 62,202 | 248,808 |
| 3 Total Capacity Payments/(Receipts) (Line 1 + Line 2) ($) | 352,489 | 998,863 | 1,209,535 | 1,185,652 | 1,692,302 | 2,007,664 | (235,204) | 80,434 | 916,183 | 1,023,074 | 558,385 | 747,078 | 10,536,454 |
| 4 Jurisdictional % | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | 0.9639859 | |
| 5 Jurisdictional Capacity Payments/(Receipts) (Line 3 x Line 4) ($) | 339,794 | 962,890 | 1,165,974 | 1,142,952 | 1,631,355 | 1,935,360 | (226,734) | 77,537 | 883,187 | 986,229 | 538,275 | 720,173 | 10,156,992 |
| 6 Amount Included in Retail Base Rate Revenues ($) | (137,667) | (137,667) | (137,666) | (137,667) | (137,667) | (137,666) | (137,667) | (137,667) | (137,666) | (137,667) | (137,667) | (137,666) | (1,652,000) |
| 7 Total Jurisdictional Recovery Amount (Line 5 - Line 6) ($) | 477,461 | 1,100,557 | 1,303,640 | 1,280,619 | 1,769,022 | 2,073,026 | (89,067) | 215,204 | 1,020,853 | 1,123,896 | 675,942 | 857,839 | 11,808,992 |
| 8 Retail KWH Sales | | | | | | | | | 853,513,000 | 903,862,000 | 919,730,000 | 785,135,000 | |
| 9 Purchased Power Capacity Cost Recovery Factor (¢/KWH) | | | | | | | | | 0.140 | 0.140 | 0.140 | 0.140 | |
| 10 Capacity Cost Recovery Revenues (Line 8 x Line 9/100) ($) | 841,442 | 800,579 | 987,087 | 1,019,781 | 934,042 | 934,731 | 789,305 | 1,073,704 | 1,194,918 | 1,265,407 | 1,287,622 | 1,099,189 | 12,227,807 |
| 11 Revenue Taxes (Line 10 x .01583) ($) | 13,320 | 12,673 | 15,626 | 16,143 | 14,786 | 14,797 | 12,495 | 16,997 | 18,916 | 20,031 | 20,383 | 17,400 | 193,567 |
| 12 True-Up Provision ($) | 12,898 | 12,898 | 12,898 | 12,898 | 12,898 | 12,898 | 12,898 | 12,898 | 12,899 | 12,899 | 12,898 | 12,898 | 154,778 |
| 13 Capacity Cost Recovery Revenues net of Revenue Taxes (Line 10 - Line 11 + Line 12) ($) | 841,020 | 800,804 | 984,359 | 1,016,536 | 932,154 | 932,832 | 789,708 | 1,069,605 | 1,188,901 | 1,258,275 | 1,280,137 | 1,094,687 | 12,189,018 |
| 14 Over/(Under) Recovery (Line 13 - Line 7) ($) | 363,559 | (299,753) | (319,281) | (264,083) | (836,868) | (1,140,194) | 878,775 | 854,401 | 168,048 | 134,379 | 604,195 | 236,848 | 380,026 |
| 15 Interest Provision ($) | 3,627 | 3,694 | 2,152 | 665 | (1,880) | (6,425) | (7,148) | (3,272) | (1,045) | (427) | 1,175 | 3,014 | (5,870) |
| 16 Total Estimated True-Up for the Period October 1995 - September 1996 (Line 14 + Line 15) ($) | | | | | | | | | | | | | 374,156 |

NOTE: Interest is Calculated for June through September at May's rate of .45% per month.

## Calculation of Purchased Power Capacity Cost Recovery Factors
## Gulf Power Company
## October 1996 - September 1997

| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| Rate Class | Average 12 CP Load Factor at Meter | Oct 96 - Sept 97 Projected KWH Sales at Meter | Projected Avg 12 CP KW at Meter Col B / (8,760 hours x Col A) | Demand Loss Expansion Factor | Energy Loss Expansion Factor | Oct 96 - Sept 97 Projected KWH Sales at Generation Col B x Col E | Projected Avg 12 CP KW at Generation Col C x Col D | Percentage of KWH Sales at Generation ol F / Total Col | Percentage of 12 CP KW Dema at Generation ol G / Total Col |
| RS, RST | 55.052614% | 4,087,931,000 | 847.659.64 | 1.1019333 | 1.0766175 | 4,401,138,053 | 934,064.38 | 47.00984% | 57.05285% |
| GS, GST | 57.194949% | 238,512,000 | 47,604.55 | 1.1019255 | 1.0766135 | 256,785,239 | 52,456.67 | 2.74280% | 3.20406% |
| GSD, GSDT | 77.730883% | 1,888,830,000 | 277,392.79 | 1.1016647 | 1.0764011 | 2,033,138,690 | 305,593.84 | 21.71655% | 18.66573% |
| LP, LPT | 83.217644% | 1,610,804,000 | 220,964.84 | 1.0601470 | 1.0444167 | 1,682,350,598 | 234,255.21 | 17.96968% | 14.30836% |
| PX, PXT, RTP | 99.981695% | 814,199,000 | 92,962.11 | 1.0313379 | 1.0235079 | 833,339,109 | 95,875.35 | 8.90114% | 5.85608% |
| OS-I, OS-II | 296.003708% | 66,476,000 | 2,563.68 | 1.1020255 | 1.0766162 | 71,569,139 | 2,825.24 | 0.76445% | 0.17257% |
| OS-III | 101.017736% | 19,159,000 | 2,165.07 | 1.1024447 | 1.0766529 | 20,627,593 | 2,386.87 | 0.22033% | 0.14579% |
| OS-IV | 44.803099% | 2,850,000 | 726.16 | 1.1024447 | 1.0766529 | 3,068,461 | 800.55 | 0.03278% | 0.04890% |
| SBS | 77.434327% | 58,599,000 | 8,638.78 | 1.0341119 | 1.0263949 | 60,145,715 | 8,933.47 | 0.64243% | 0.54566% |
| TOTAL | 66.579943% | 8,787,360,000 | 1,500,677.62 | | | 9,362,162,597 | 1,637,191.58 | 100.00000% | 100.00000% |

Notes:
Col A - Average 12 CP load factor based on actual 1995 load research data.
Col C - 8,760 is the number of hours in 12 months.

## Calculation of Purchased Power Capacity Cost Recovery Factors
## Gulf Power Company
## October 1996 - September 1997

| Rate Class | A<br>Oct 96 - Sept 97 Percentage of KWH Sales at Generation<br>Page 1, Col H | B<br>Percentage of 12 CP KW Dema at Generation<br>Page 1, Col I | C<br>Energy-Related Costs<br>($) | D<br>Demand-Related Costs<br>($) | E<br>Total Capacity Costs<br>($)<br>Col C + Col D | F<br>Oct 96 - Sept 97 Projected KWH Sales at Meter<br>Page 1, Col B | G<br>Capacity Cost Recovery Factors<br>(¢ / KWH)<br>Col E / Col F x 10 |
|---|---|---|---|---|---|---|---|
| RS, RST | 47.00984% | 57.05285% | 438,214 | 6,382,016 | 6,820,230 | 4,087,931,000 | 0.167 |
| GS, GST | 2.74280% | 3.20406% | 25,568 | 358,411 | 383,979 | 238,512,000 | 0.161 |
| GSD, GSDT | 21.71655% | 18.66573% | 202,437 | 2,087,976 | 2,290,413 | 1,888,830,000 | 0.121 |
| LP, LPT | 17.96968% | 14.30836% | 167,510 | 1,600,554 | 1,768,064 | 1,610,804,000 | 0.110 |
| PX, PXT, RTP | 8.90114% | 5.85608% | 82,975 | 655,070 | 738,045 | 814,199,000 | 0.091 |
| OS-I, OS-II | 0.76445% | 0.17257% | 7,126 | 19,304 | 26,430 | 66,476,000 | 0.040 |
| OS-III | 0.22033% | 0.14579% | 2,054 | 16,308 | 18,362 | 19,159,000 | 0.096 |
| OS-IV | 0.03278% | 0.04890% | 306 | 5,470 | 5,776 | 2,850,000 | 0.203 |
| SBS | 0.64243% | 0.54566% | 5,989 | 61,038 | 67,027 | 58,599,000 | 0.114 |
| TOTAL | 100.00000% | 100.00000% | $932,179 | $11,186,147 | $12,118,326 | 8,787,360,000 | 0.138 |

Notes:
Col C - (Recoverable Amount from Schedule CCE-1, line 11) / 13 x Col A
Col D - (Recoverable Amount from Schedule CCE-1, line 11) x 12 / 13 x Col B

# Public Service Commission

Docket #: _____

Contents: _____

DOCKET NO. 960001-EI

EXHIBITS FOR TRANSCRIPT DATED: 8/27/96

Beginning Exhibit # 26

Ending Exhibit # ~~35~~ 41

Florida Public Service Commission
Docket No. 960001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)

EXHIBIT TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 960001-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO 26
COMPANY/ GPC
WITNESS: G. D. Fontaine
DATE: 8/29/96

I. CORRECTIONS TO REPORTED DATA FOR THE OCTOBER 1995 - MARCH 1996 PERIOD

Additions and Corrections to Outages Previously Reported
for the October 1995 - March 1996 Period

| Date | Unit | Change | Outage Type | Hours | MWH | Description |
|---|---|---|---|---|---|---|

No additions or corrections for this period.

## II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for October 1995 - March 1996

| Unit | Note | Forecast Planned Outage Schedule | Forecast Hours* | Actual Planned Outage Schedule | Actual Hours* |
|---|---|---|---|---|---|
| Crist 6 | 1 | 09/23/95 - 10/08/95 | 193.0 | 09/20/95 - 10/16/95 | 372.1 |
| Crist 7 | 2 | 10/21/95 - 11/12/95 | 552.0 | 10/19/95 - 11/13/95 | 614.9 |
| Crist 7 | 3 | None | 0.0 | 02/03/96 - 02/05/96 | 70.5 |
| Crist 7 | 4 | 02/03/96 - 04/28/96 | 1392.0 | 02/06/96 - Present | 1314.0 |
| Smith 1 | 5 | 09/23/95 - 10/01/95 | 25.0 | 11/24/95 - 12/02/95 | 174.3 |
| Smith 2 | 6 | 11/25/95 - 12/03/95 | 216.0 | 09/22/95 - 10/01/95 | 11.4 |
| Smith 2 | 7 | 03/09/96 - 03/24/96 | 384.0 | 03/10/96 - 03/23/96 | 305.2 |
| Daniel 1 | 8 | 09/22/95 - 12/17/95 | 1873.0 | 09/21/95 - 12/14/95 | 1795.3 |
| Daniel 2 | 9 | 10/02/95 - 10/11/95 | 240.0 | 09/29/95 - 10/12/95 | 280.8 |
| Daniel 2 | 10 | 03/16/96 - 04/28/96 | 384.0 | 01/06/96 - 03/26/96 | 1943.0 |

* Planned outage hours in the October 1995 - March 1996 period only.

Notes:

1. This outage extended because of work that was deferred from the canceled Spring 1995 outage.
2. This outage was extended because certain work planned for the Spring 1996 outage could be performed in this outage, thus reducing work planned for the Spring outage.
3. This outage began as scheduled but was halted due to severe cold weather.
4. This outage was lengthened due to worse than anticipated turbine repairs.
5. This outage was swapped with Smith Unit 2 because of material availability.
6. This outage was swapped with Smith Unit 1.
7. This outage was shortened because planned acid cleaning was canceled.
8. This outage proceeded as scheduled.
9. This outage began early due to a forced outage and was extended due to worse than anticipated equipment conditions.
10. This scope of this outage was increased to a full turbine outage due to vibration in the generator stator windings.

Calculation of Actual Equivalent Availability
for October 1995 - March 1996
Based on Target Planned Outage Hours
Crist 6

Results of Operations

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| FOH | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 19.4 | 23.1 |
| EFOH | 1.1 | 1.7 | 0.0 | 0.0 | 0.7 | 4.7 | 8.2 |
| MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| POH | 372.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 372.1 |
| RSH | 0.0 | 271.9 | 561.4 | 150.0 | 0.0 | 0.0 | 983.3 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(23.1 + 8.2 + 0.0 + 0.0)}{(4393.0 - 372.1 - 983.3)}$$

EUOR = 0.0103

$$2.\ EA = [\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ ] \times 100$$

Target POH* = 193.0

Target RSH* = 0.0

$$EA = [\ 1 - \frac{(193.0 + 0.0103\ (4393.0 - 193.0 - 0.0)\ )}{4393.0}\ ] \times 100 = 94.6\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1995 - March 1996
Based on Target Planned Outage Hours
Crist 7

Results of Operations

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| FOH | 25.7 | 0.0 | 0.0 | 0.0 | 37.4 | 0.0 | 63.1 |
| EFOH | 57.8 | 9.9 | 8.2 | 3.1 | 0.0 | 0.0 | 79.0 |
| MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| POH | 313.0 | 301.9 | 0.0 | 0.0 | 640.5 | 744.0 | 1999.4 |
| RSH | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(63.1 + 79.0 + 0.0 + 0.0)}{(4393.0 - 1999.4 - 15.5)}$$

EUOR = 0.0598

$$2.\ EA = [\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ ] \times 100$$

Target POH* = 1944.0

Target RSH* = 0.0

$$EA = [\ 1 - \frac{(1944.0 + 0.0598\ (4393.0 - 1944.0 - 0.0)\ )}{4393.0}\ ] \times 100 = 52.4\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1995 - March 1996
Based on Target Planned Outage Hours
Smith 1

Results of Operations

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| FOH | 62.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.2 |
| EFOH | 0.0 | 0.9 | 0.0 | 0.2 | 0.4 | 1.7 | 3.2 |
| MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMOH | 0.0 | 0.0 | 11.3 | 0.0 | 0.0 | 0.0 | 11.3 |
| PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| POH | 0.0 | 147.0 | 27.3 | 0.0 | 0.0 | 0.0 | 174.3 |
| RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(62.2 + 3.2 + 0.0 + 11.3)}{(4393.0 - 174.3 - 0.0)}$$

EUOR = 0.0182

$$2.\ EA = [\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ ] \times 100$$

Target POH* = 25.0

Target RSH* = 0.0

$$EA = [\ 1 - \frac{(25.0 + 0.0182\ (4393.0 - 25.0 - 0.0)\ )}{4393.0}\ ] \times 100 = 97.6\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1995 - March 1996
Based on Target Planned Outage Hours
Smith 2

Results of Operations

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| FOH | 105.6 | 22.5 | 0.0 | 0.0 | 37.2 | 0.0 | 165.3 |
| EFOH | 13.8 | 32.9 | 0.0 | 0.0 | 0.0 | 6.8 | 53.5 |
| MOH | 0.0 | 146.7 | 0.0 | 0.0 | 0.0 | 0.0 | 146.7 |
| EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| POH | 11.4 | 0.0 | 0.0 | 0.0 | 0.0 | 305.2 | 316.6 |
| RSH | 0.0 | 0.0 | 50.2 | 0.0 | 0.0 | 0.0 | 50.2 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(165.3 + 53.5 + 146.7 + 0.0)}{(4393.0 - 316.6 - 50.2)}$$

EUOR = 0.0908

$$2.\ EA = [\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ ] \times 100$$

Target POH* = 600.0

Target RSH* = 0.0

$$EA = [\ 1 - \frac{(600.0 + 0.0908\ (4393.0 - 600.0 - 0.0)\ )}{4393.0}\ ] \times 100 = 78.5\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1995 - March 1996
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| FOH | 0.0 | 0.0 | 26.9 | 2.2 | 0.0 | 15.7 | 44.8 |
| EFOH | 0.0 | 0.0 | 4.9 | 18.0 | 14.6 | 6.3 | 43.8 |
| MOH | 0.0 | 0.0 | 33.1 | 166.2 | 0.0 | 0.0 | 199.3 |
| EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 1.7 |
| PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| POH | 745.0 | 720.0 | 330.3 | 0.0 | 0.0 | 0.0 | 1795.3 |
| RSH | 0.0 | 0.0 | 0.0 | 0.0 | 25.6 | 0.0 | 25.6 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(44.8 + 43.8 + 199.3 + 1.7)}{(4393.0 - 1795.3 - 25.6)}$$

EUOR = 0.1126

$$2.\ EA = [\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ ] \times 100$$

Target POH* = 1873.0

Target RSH* = 0.0

$$EA = [\ 1 - \frac{(1873.0 + 0.1126\ (4393.0 - 1873.0 - 0.0)\ )}{4393.0}\ ] \times 100 = 50.9\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1995 - March 1996
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| FOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EFOH | 2.9 | 6.0 | 3.4 | 23.4 | 0.0 | 0.0 | 35.7 |
| MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 105.5 | 105.5 |
| EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| POH | 280.8 | 0.0 | 0.0 | 623.7 | 696.0 | 623.3 | 2223.8 |
| RSH | 0.0 | 0.0 | 59.2 | 0.0 | 0.0 | 0.0 | 59.2 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(0.0 + 35.7 + 105.5 + 0.0)}{(4393.0 - 2223.8 - 59.2)}$$

EUOR = 0.0669

$$2.\ EA = [\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ ] \times 100$$

Target POH* = 624.0

Target RSH* = 0.0

$$EA = [\ 1 - \frac{(624.0 + 0.0669\ (4393.0 - 624.0 - 0.0)\ )}{4393.0}\ ] \times 100 = 80.1\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Equivalent Availability Points
for October 1995 - March 1996

| (1) Unit | (2) Equivalent Availability Target* | (3) Actual Equivalent Availability Adjusted to Target Planned Outage Basis** | (4) Minimum or Maximum Attainable Equivalent Availability* | (5) Availability Points*** |
|---|---|---|---|---|
| Crist 6 | 88.9 | 94.6 | 90.9 | 10.00 |
| Crist 7 | 44.3 | 52.4 | 47.7 | 10.00 |
| Smith 1 | 95.9 | 97.6 | 97.0 | 10.00 |
| Smith 2 | 84.7 | 78.5 | 83.9 | -10.00 |
| Daniel 1 | 47.4 | 50.9 | 50.4 | 10.00 |
| Daniel 2 | 80.3 | 80.1 | 77.9 | -0.83 |

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Refer to pages 3 through 8 of this schedule for calculations.

*** If (3) > (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times 10$$

If (3) < (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times -10$$

Summary of Equivalent Availability Symbols

EA - Equivalent Availability
POH - Planned Outage Hours
EUOR - Equivalent Unplanned Outage Rate
PH - Period Hours
FOH - Forced Outage Hours
EFOH - Equivalent Forced Outage Hours
MOH - Maintenance Outage Hours
EMOH - Equivalent Maintenance Outage Hours
RSH - Reserve Shutdown Hours

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
for October 1995 - March 1996

Crist 6

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 53569.6 | 66043.7 | 26424.3 | 75688.9 | 118922.8 | 102971.4 | 443620.7 |
| BTU/Lb* | 12297.5 | 12090.5 | 12345.6 | 12097.1 | 12055.9 | 12229.2 | 12154.7 |
| Coal, MMBTU | 658772.2 | 798501.4 | 326223.8 | 915616.2 | 1433721.4 | 1259257.8 | 5392092.8 |
| Oil, MMBTU | 411.9 | 558.3 | 337.3 | 493.1 | 472.6 | 800.1 | 3073.3 |
| Gas, MMBTU | 6020.0 | 0.0 | 0.0 | 3126.0 | 0.0 | 1628.0 | 10774.0 |
| Startup, MMBTU ** | -4040.0 | 0.0 | -4040.0 | -4040.0 | 0.0 | 0.0 | -12120.0 |
| Total Fuel Consumption, MMBTU | 661164.1 | 799059.7 | 322521.1 | 915195.3 | 1434194.0 | 1261685.9 | 5393820.1 |
| Net MWH Generation*** | 61916 | 70526 | 29989 | 85111 | 136741 | 117471 | 501754 |
| Average Net Operating Heat Rate | 10678 | 11330 | 10755 | 10753 | 10488 | 10740 | 10750 |

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1995 - March 1996

Crist 7

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 93467.1 | 86979.0 | 170265.6 | 159784.2 | 3248.8 | 0.0 | 513744.7 |
| BTU/Lb* | 12099.3 | 12327.4 | 12200.9 | 12134.2 | 12195.0 | 0.0 | 12183.1 |
| Coal, MMBTU | 1130886.5 | 1072224.9 | 2077393.6 | 1938853.4 | 39619.0 | 0.0 | 6258977.4 |
| Oil, MMBTU | 999.1 | 1038.0 | 1565.0 | 1318.7 | 0.0 | 0.0 | 4920.8 |
| Gas, MMBTU | 2487.0 | 6508.0 | 0.0 | 0.0 | 2213.0 | 0.0 | 11208.0 |
| Startup, MMBTU ** | -2256.0 | -2256.0 | 0.0 | 0.0 | -2256.0 | 0.0 | -6768.0 |
| Total Fuel Consumption, MMBTU | 1132116.6 | 1077514.9 | 2078958.6 | 1940172.1 | 39576.0 | 0.0 | 6268338.2 |
| Net MWH Generation*** | 102678 | 99069 | 196080 | 180450 | 3234 | 0 | 581511 |
| Average Net Operating Heat Rate | 11026 | 10876 | 10603 | 10752 | 12237 | --- | 10779 |

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1995 - March 1996

Smith 1

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 89687.8 | 78655.2 | 89808.9 | 94000.7 | 89612.7 | 93378.9 | 535144.2 |
| BTU/Lb* | 11692.7 | 11502.6 | 11629.9 | 12260.9 | 11650.1 | 12055.9 | 11810.3 |
| Coal, MMBTU | 1048692.5 | 904739.3 | 1044468.5 | 1152533.2 | 1043996.9 | 1125766.7 | 6320197.1 |
| Oil, MMBTU | 2927.0 | 542.5 | 1602.7 | 468.6 | 554.4 | 904.7 | 6999.9 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | -1928.0 | 0.0 | -964.0 | 0.0 | 0.0 | 0.0 | -2892.0 |
| Total Fuel Consumption, MMBTU | 1049691.5 | 905281.8 | 1045107.2 | 1153001.8 | 1044551.3 | 1126671.4 | 6324305.0 |
| Net MWH Generation*** | 102295 | 87738 | 101139 | 111329 | 99598 | 109573 | 611672 |
| Average Net Operating Heat Rate | 10261 | 10318 | 10333 | 10357 | 10488 | 10282 | 10339 |

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1995 - March 1996

Smith 2

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 92517.2 | 78717.1 | 101201.8 | 108808.4 | 93217.7 | 62158.7 | 536620.9 |
| BTU/Lb* | 11724.2 | 11555.1 | 11646.3 | 12279.8 | 11654.0 | 11981.5 | 11815.0 |
| Coal, MMBTU | 1084690.2 | 909584.0 | 1178626.5 | 1336145.4 | 1086359.1 | 744754.5 | 6340159.7 |
| Oil, MMBTU | 3799.3 | 2040.2 | 1418.8 | 555.1 | 1660.4 | 1712.3 | 11186.1 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | -1190.0 | -1190.0 | -1190.0 | 0.0 | -1190.0 | -1190.0 | -5950.0 |
| Total Fuel Consumption, MMBTU | 1087299.5 | 910434.2 | 1178855.3 | 1336700.5 | 1086829.5 | 745276.8 | 6345395.8 |
| Net MWH Generation*** | 105509 | 88777 | 114008 | 127141 | 105009 | 71257 | 611701 |
| Average Net Operating Heat Rate | 10305 | 10255 | 10340 | 10514 | 10350 | 10459 | 10373 |

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1995 - March 1996

Daniel 1

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 0.0 | 0.0 | 117847.2 | 216199.3 | 263281.8 | 334048.3 | 931376.6 |
| BTU/Lb* | 0.0 | 0.0 | 9239.4 | 9423.9 | 9360.4 | 9233.7 | 9314.4 |
| Coal, MMBTU | 0.0 | 0.0 | 1088837.4 | 2037440.6 | 2464423.0 | 3084501.8 | 8675202.8 |
| Oil, MMBTU | 0.0 | 0.0 | 18512.8 | 8104.0 | 3709.5 | 3457.3 | 33783.6 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | 0.0 | 0.0 | -7166.1 | -2388.7 | -2388.7 | 0.0 | -11943.5 |
| Total Fuel Consumption, MMBTU | 0.0 | 0.0 | 1100184.1 | 2043155.9 | 2465743.8 | 3087959.1 | 8697042.9 |
| Net MWH Generation*** | 0 | 0 | 102608 | 192663 | 237027 | 299686 | 831984 |
| Average Net Operating Heat Rate | --- | --- | 10722 | 10605 | 10403 | 10304 | 10453 |

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1995 - March 1996

Daniel 2

| | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 181917.6 | 217870.0 | 281652.4 | 34372.2 | 0.0 | 687.6 | 716499.8 |
| BTU/Lb* | 9582.6 | 9298.5 | 9331.7 | 9688.9 | 0.0 | 8811.0 | 9401.9 |
| Coal, MMBTU | 1743243.6 | 2025863.7 | 2628295.7 | 333028.8 | 0.0 | 6058.4 | 6736490.2 |
| Oil, MMBTU | 3961.8 | 1787.3 | 2434.0 | 408.6 | 0.0 | 24069.1 | 32660.8 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | -2388.7 | 0.0 | -2388.7 | 0.0 | 0.0 | -4777.4 | -9554.8 |
| Total Fuel Consumption, MMBTU | 1744816.7 | 2027651.0 | 2628341.0 | 333437.4 | 0.0 | 25350.1 | 6759596.2 |
| Net MWH Generation*** | 167579 | 188768 | 253215 | 29780 | 0 | 431 | 639773 |
| Average Net Operating Heat Rate | 10412 | 10741 | 10380 | 11197 | --- | 58817 | 10566 |

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate
for October 1995 - March 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed June 16, 1995

Crist 6

| | Oct | Nov | Dec | Jan | Feb | Mar | Oct - Mar |
|---|---|---|---|---|---|---|---|
| 1. Target Heat Rate* | 10529 | 10964 | 10866 | 11057 | 11004 | 10914 | |
| 2. Target Heat Rate at Actual Conditions** | 10614 | 10856 | 10869 | 11070 | 10590 | 10851 | |
| 3. Adjustment to Actual Heat Rate (1-2) | -85 | 108 | -3 | -13 | 414 | 63 | |
| 4. Actual Heat Rate (Page 2 of Sched. 3) | 10678 | 11330 | 10755 | 10753 | 10488 | 10740 | |
| 5. Adjusted Actual Heat Rate (4+3) | 10593 | 11438 | 10752 | 10740 | 10902 | 10803 | |
| 6. Net MWH Generation | 61916 | 70526 | 29989 | 85111 | 136741 | 117471 | |
| 7. Adjusted Actual Heat Rate for October 1995 - March 1996 =( Σ(5*6) / Σ6) | | | | | | | 10880 |

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1995 - March 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed June 16, 1995

Crist 7

| | Oct | Nov | Dec | Jan | Feb | Mar | Oct - Mar |
|---|---|---|---|---|---|---|---|
| 1. Target Heat Rate* | 10575 | 11071 | 10814 | 11184 | 10985 | 0 | |
| 2. Target Heat Rate at Actual Conditions** | 10720 | 11037 | 10666 | 10958 | 11753 | 0 | |
| 3. Adjustment to Actual Heat Rate (1-2) | -145 | 34 | 148 | 226 | -768 | 0 | |
| 4. Actual Heat Rate (Page 3 of Sched. 3) | 11026 | 10876 | 10603 | 10752 | 12237 | 0 | |
| 5. Adjusted Actual Heat Rate (4+3) | 10881 | 10910 | 10751 | 10978 | 11469 | 0 | |
| 6. Net MWH Generation | 102678 | 99069 | 196080 | 180450 | 3234 | 0 | |
| 7. Adjusted Actual Heat Rate for October 1995 - March 1996 $=(\Sigma(5*6)/\Sigma 6)$ | | | | | | | 10875 |

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1995 - March 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed June 16, 1995

Smith 1

| | Oct | Nov | Dec | Jan | Feb | Mar | Oct - Mar |
|---|---|---|---|---|---|---|---|
| 1. Target Heat Rate* | 10106 | 10106 | 10110 | 10222 | 10109 | 10211 | |
| 2. Target Heat Rate at Actual Conditions** | 10154 | 10139 | 10196 | 10277 | 10186 | 10279 | |
| 3. Adjustment to Actual Heat Rate (1-2) | -48 | -33 | -86 | -55 | -77 | -68 | |
| 4. Actual Heat Rate (Page 4 of Sched. 3) | 10261 | 10318 | 10333 | 10357 | 10488 | 10282 | |
| 5. Adjusted Actual Heat Rate (4+3) | 10213 | 10285 | 10247 | 10302 | 10411 | 10214 | |
| 6. Net MWH Generation | 102295 | 87738 | 101139 | 111329 | 99598 | 109573 | |
| 7. Adjusted Actual Heat Rate for October 1995 - March 1996 $=(\Sigma(5*6)/\Sigma 6)$ | | | | | | | 10278 |

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1995 - March 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed June 16, 1995

Smith 2

| | Oct | Nov | Dec | Jan | Feb | Mar | Oct - Mar |
|---|---|---|---|---|---|---|---|
| 1. Target Heat Rate* | 10165 | 10164 | 10169 | 10167 | 10167 | 10166 | |
| 2. Target Heat Rate at Actual Conditions** | 10240 | 10267 | 10254 | 10230 | 10274 | 10262 | |
| 3. Adjustment to Actual Heat Rate (1-2) | -75 | -103 | -85 | -63 | -107 | -96 | |
| 4. Actual Heat Rate (Page 5 of Sched. 3) | 10305 | 10255 | 10340 | 10514 | 10350 | 10459 | |
| 5. Adjusted Actual Heat Rate (4+3) | 10230 | 10152 | 10255 | 10451 | 10243 | 10363 | |
| 6. Net MWH Generation | 105509 | 88777 | 114008 | 127141 | 105009 | 71257 | |
| 7. Adjusted Actual Heat Rate for October 1995 - March 1996 $=(\Sigma(5*6)/\Sigma 6)$ | | | | | | | 10287 |

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1995 - March 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed June 16, 1995

Daniel 1

| | Oct | Nov | Dec | Jan | Feb | Mar | Oct - Mar |
|---|---|---|---|---|---|---|---|
| 1. Target Heat Rate* | 0 | 0 | 10323 | 10163 | 10295 | 10418 | |
| 2. Target Heat Rate at Actual Conditions** | 0 | 0 | 10231 | 10243 | 10294 | 10274 | |
| 3. Adjustment to Actual Heat Rate (1-2) | 0 | 0 | 92 | -80 | 1 | 144 | |
| 4. Actual Heat Rate (Page 6 of Sched. 3) | 0 | 0 | 10722 | 10605 | 10403 | 10304 | |
| 5. Adjusted Actual Heat Rate (4+3) | 0 | 0 | 10814 | 10525 | 10404 | 10448 | |
| 6. Net MWH Generation | 0 | 0 | 102608 | 192663 | 237027 | 299686 | |
| 7. Adjusted Actual Heat Rate for October 1995 - March 1996 $=(\Sigma(5*6)/\Sigma 6)$ | | | | | | | 10498 |

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1995 - March 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed June 16, 1995

Daniel 2

| | Oct | Nov | Dec | Jan | Feb | Mar | Oct - Mar |
|---|---|---|---|---|---|---|---|
| 1. Target Heat Rate* | 9849 | 10015 | 10054 | 10023 | 10024 | 10023 | |
| 2. Target Heat Rate at Actual Conditions** | 9991 | 10507 | 10137 | 10596 | 10024 | 10174 | |
| 3. Adjustment to Actual Heat Rate (1-2) | -142 | -492 | -83 | -573 | 0 | -151 | |
| 4. Actual Heat Rate (Page 7 of Sched. 3) | 10412 | 10741 | 10380 | 11197 | 0 | 58817 | |
| 5. Adjusted Actual Heat Rate (4+3) | 10270 | 10249 | 10297 | 10624 | 0 | 58666 | |
| 6. Net MWH Generation | 167579 | 188768 | 253215 | 29780 | 0 | 431 | |
| 7. Adjusted Actual Heat Rate for October 1995 - March 1996 $=(\Sigma(5*6)/\Sigma 6)$ | | | | | | | 10324 |

* From page 23, schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Actual Values of
Target Heat Rate Equation Parameters
for October 1995 - March 1996

| | Oct | Nov | Dec | Jan | Feb | Mar |
|---|---|---|---|---|---|---|
| Crist 6 | | | | | | |
| $AKW * 10^{+3}$ | 166.0 | 157.4 | 164.2 | 144.2 | 196.5 | 162.1 |
| $LSRF * 10^{+6}$ | 33160.9 | 29925.6 | 29917.5 | 23333.2 | 42070.9 | 30352.8 |
| Crist 7 | | | | | | |
| $AKW * 10^{+3}$ | 262.7 | 237.0 | 263.5 | 242.5 | 178.7 | 0.0 |
| $LSRF * 10^{+6}$ | 78689.4 | 60486.0 | 76395.5 | 63533.8 | 32495.1 | 0.0 |
| Smith 1 | | | | | | |
| $AKW * 10^{+3}$ | 149.8 | 153.1 | 141.1 | 149.6 | 143.1 | 147.3 |
| $LSRF * 10^{+6}$ | 22824.6 | 23818.6 | 20920.0 | 22932.9 | 21262.0 | 22264.3 |
| Smith 2 | | | | | | |
| $AKW * 10^{+3}$ | 168.0 | 161.2 | 164.3 | 170.9 | 159.4 | 162.4 |
| $LSRF * 10^{+6}$ | 29328.1 | 27281.8 | 28464.4 | 30315.2 | 27155.2 | 27833.9 |
| Daniel 1 | | | | | | |
| $AKW * 10^{+3}$ | 0.0 | 0.0 | 290.1 | 334.7 | 353.6 | 411.5 |
| $LSRF * 10^{+6}$ | 0.0 | 0.0 | 110676.9 | 125099.1 | 139070.7 | 174990.8 |
| Daniel 2 | | | | | | |
| $AKW * 10^{+3}$ | 361.0 | 262.2 | 369.8 | 247.5 | 0.0 | 28.4 |
| $LSRF * 10^{+6}$ | 138380.5 | 79977.6 | 144384.5 | 70508.9 | 0.0 | 1156.5 |

Target Heat Rate Equations

Crist 6 ANOHR = 10^6 / AKW * [ 109.83 + 29.31 * MAY + 54.42 * JUN + 61.20 * JUL + 44.41 * AUG - 25.72 * OCT ]

+ 11,166 - 0.00530 * LSRF / AKW

Crist 7 ANOHR = 10^6 / AKW * [ 878.46 + 31.78 * JAN + 53.36 * JUL + 68.56 * AUG + 37.42 * NOV ]

+ 6,004 + 0.00458 * LSRF / AKW

Smith 1 ANOHR = 10^6 / AKW * [ 102.91 + 18.24 * JAN + 16.72 * MAR ]

+ 9,467

Smith 2 ANOHR = 10^6 / AKW * [ 105.20 + 22.96 * APR + 31.94 * JUN ]

+ 9,614

Daniel 1 ANOHR = 10^6 / AKW * [ -232.66 - 49.50 * JAN + 43.76 * MAR - 44.91 * APR ]

+ 13,646 - 0.00685 * LSRF / AKW

Daniel 2 ANOHR = 10^6 / AKW * [ -52.87 - 50.85 * MAY + 48.96 * SEP - 64.36 * OCT ]

+ 12,240 - 0.00502 * LSRF / AKW

| | | |
|---|---|---|
| Where: | ANOHR | Average Net Operating Heat Rate, BTU/KWH |
| | AKW | Average Kilowatt Load, KW |
| | LSRF | Load Square Range Factor, KW^2 |
| | JAN | January, 0 if not January, 1 if January |
| | FEB | February, 0 if not February, 1 if February |
| | MAR | March, 0 if not March, 1 if March |
| | APR | April, 0 if not April, 1 if April |
| | MAY | May, 0 if not May, 1 if May |
| | JUN | June, 0 if not June, 1 if June |
| | JUL | July, 0 if not July, 1 if July |
| | AUG | August, 0 if not August, 1 if August |
| | SEP | September, 0 if not September, 1 if September |
| | OCT | October, 0 if not October, 1 if October |
| | NOV | November, 0 if not November, 1 if November |

Calculation of Heat Rate Points
for October 1995 - March 1996

| (1) | (2) | (3) | (4) | (5) |
|---|---|---|---|---|
| Unit | Actual Average Average Net Operating Heat Rate Target* | Net Operating Heat Rate Adjusted to Target Basis** | Minimum Attainable Heat Rate* | Heat Rate Points*** |
| Crist 6 | 10892 | 10880 | 10565 | 0.00 |
| Crist 7 | 10898 | 10875 | 10571 | 0.00 |
| Smith 1 | 10144 | 10278 | 9840 | -2.58 |
| Smith 2 | 10166 | 10287 | 9861 | -2.00 |
| Daniel 1 | 10295 | 10498 | 9986 | -5.47 |
| Daniel 2 | 10003 | 10324 | 9703 | -10.00 |

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

** Refer to pages 8 through 13 of this schedule for calculation.

*** If [ (2) - 75 ] <= (3) <= [ (2) + 75 ] then points = 0

$$\text{If } [ (2) - (3) - 75 ] > 0 \text{ then points} = \frac{(2) - (3) - 75}{(2) - (4) - 75} * 10$$

$$\text{If } [ (2) - (3) + 75 ] < 0 \text{ then points} = \frac{(2) - (3) + 75}{(2) - (4) - 75} * 10$$

IV. CALCULATION OF COMPANY GPIF POINTS AND REWARD/PENALTY

Calculation of Heat Rate Points

GPIF Points and Reward or Penalty

for October 1995 - March 1996

| Unit | Availability Points | Availability* Weighting Factor | Heat Rate Points | Heat Rate* Weighting Factor |
|---|---|---|---|---|
| Crist 6 | 10.00 | 0.002 | 0.00 | 0.155 |
| Crist 7 | 10.00 | 0.003 | 0.00 | 0.125 |
| Smith 1 | 10.00 | 0.006 | -2.58 | 0.129 |
| Smith 2 | -10.00 | 0.006 | -2.00 | 0.133 |
| Daniel 1 | 10.00 | 0.005 | -5.47 | 0.000 |
| Daniel 2 | -0.83 | 0.011 | -10.00 | 0.000 |

Company GPIF Points = + 10.00 * 0.002 + 0.00 * 0.155

+ 10.00 * 0.003 + 0.00 * 0.125

+ 10.00 * 0.006 - 2.58 * 0.129

- 10.00 * 0.006 - 2.00 * 0.133

+ 10.00 * 0.005 - 5.47 * 0.000

- 0.83 * 0.011 - 10.00 * 0.000

-0.51

Company reward/penalty = -0.51 points * $86734 per point

= ($44,234)

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 16, 1995 GPIF testimony in Docket 950001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE OCTOBER 1995 - MARCH 1996 PERIOD

CONTENTS

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: October 1995 - March 1996

| Generating Performance Incentive Factor Points | Fuel Saving/Loss ($000) | Generating Performance Incentive Factor ($000) |
|---|---|---|
| | Maximum Attainable Fuel Savings | Maximum Incentive Dollars Allowed by Commission During Period (Reward) |
| + 10 | 2605 | 867 |
| + 9 | 2345 | 781 |
| + 8 | 2084 | 694 |
| + 7 | 1824 | 607 |
| + 6 | 1563 | 520 |
| + 5 | 1303 | 434 |
| + 4 | 1042 | 347 |
| + 3 | 782 | 260 |
| + 2 | 521 | 173 |
| + 1 | 261 | 87 |
| 0 | 0 | 0 |
| - 1 | -268 | -87 |
| - 2 | -536 | -173 |
| - 3 | -804 | -260 |
| - 4 | -1072 | -347 |
| - 5 | -1341 | -434 |
| - 6 | -1609 | -520 |
| - 7 | -1877 | -607 |
| - 8 | -2145 | -694 |
| - 9 | -2413 | -781 |
| - 10 | -2681 | -867 |
| | Minimum Attainable Fuel Loss | Maximum Incentive Dollars Allowed by Commission During Period (Penalty) |

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Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: October 1995 - March 1996

| | | |
|---|---|---|
| Line 1 | Beginning of Period Balance of Common Equity | $442,693,026 |
| | End of Month Balance of Common Equity: | |
| Line 2 | Month of Oct '95 | $430,892,040 |
| Line 3 | Month of Nov '95 | $434,422,097 |
| Line 4 | Month of Dec '95 | $436,241,151 |
| Line 5 | Month of Jan '96 | $439,212,976 |
| Line 6 | Month of Feb '96 | $431,512,240 |
| Line 7 | Month of Mar '96 | $435,199,552 |
| Line 8 | Average Common Equity for the Period (sum of line 1 through line 7 divided by 7) | $435,739,012 |
| Line 9 | 25 Basis Points | 0.0025 |
| Line 10 | Revenue Expansion Factor | 60.4524% |
| Line 11 | Maximum Allowed Incentive Dollars (line 8 multiplied by line 9 divided by line 10 multiplied by 0.5) | $900,996 |
| Line 12 | Jurisdictional Sales (KWH) | 3,940,288,470 |
| Line 13 | Total Territorial Sales (KWH) | 4,093,191,470 |
| Line 14 | Jurisdictional Separation Factor (line 12 divided by line 13) | 96.2645% |
| Line 15 | Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14) | $867,339 |

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Calculation of System Actual GPIF Points

Gulf Power Company

Period of: October 1995 - March 1996

| Plant & Unit | Performance Indicator (EAF or ANOHR) | Weighting Factor | Unit Points | Weighted Unit Points |
|---|---|---|---|---|
| Crist 6 | EAF1 | 0.2% | 10.00 | 0.020 |
| Crist 6 | ANOHR1 | 15.5% | 0.00 | 0.000 |
| Crist 7 | EAF2 | 0.3% | 10.00 | 0.030 |
| Crist 7 | ANOHR2 | 12.5% | 0.00 | 0.000 |
| Smith 1 | EAF3 | 0.6% | 10.00 | 0.060 |
| Smith 1 | ANOHR3 | 12.9% | -2.58 | -0.333 |
| Smith 2 | EAF4 | 0.6% | -10.00 | -0.060 |
| Smith 2 | ANOHR4 | 13.3% | -2.00 | -0.266 |
| Daniel 1 | EAF5 | 0.5% | 10.00 | 0.050 |
| Daniel 1 | ANOHR5 | 0.0% | -5.47 | -0.000 |
| Daniel 2 | EAF6 | 1.1% | -0.83 | -0.009 |
| Daniel 2 | ANOHR6 | 0.0% | -10.00 | -0.000 |
| Gulf Power GPIF Total | | 57.5% | | -0.51 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1995 - March 1996

Crist 6

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 6 | 90.90 | + 10 | 405 | 10,565 |
| + 9 | 5 | 90.70 | + 9 | 365 | 10,590 |
| + 8 | 5 | 90.50 | + 8 | 324 | 10,615 |
| + 7 | 4 | 90.30 | + 7 | 284 | 10,641 |
| + 6 | 4 | 90.10 | + 6 | 243 | 10,666 |
| + 5 | 3 | 89.90 | + 5 | 203 | 10,691 |
| + 4 | 2 | 89.70 | + 4 | 162 | 10,716 |
| + 3 | 2 | 89.50 | + 3 | 122 | 10,741 |
| + 2 | 1 | 89.30 | + 2 | 81 | 10,767 |
| + 1 | 1 | 89.10 | + 1 | 41 | 10,792 |
| | | | | 0 | 10,817 |
| 0 | 0 | 88.90 | 0 | 0 | 10,892 |
| | | | | 0 | 10,967 |
| - 1 | (1) | 88.60 | - 1 | (41) | 10,992 |
| - 2 | (2) | 88.30 | - 2 | (81) | 11,017 |
| - 3 | (2) | 88.00 | - 3 | (122) | 11,043 |
| - 4 | (3) | 87.70 | - 4 | (162) | 11,068 |
| - 5 | (4) | 87.40 | - 5 | (203) | 11,093 |
| - 6 | (5) | 87.10 | - 6 | (243) | 11,118 |
| - 7 | (6) | 86.80 | - 7 | (284) | 11,143 |
| - 8 | (6) | 86.50 | - 8 | (324) | 11,169 |
| - 9 | (7) | 86.20 | - 9 | (365) | 11,194 |
| - 10 | (8) | 85.90 | - 10 | (405) | 11,219 |
| Weighting Factor: | | 0.002 | Weighting Factor: | | 0.155 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1995 - March 1996

Crist 7

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 7 | 47.70 | + 10 | 325 | 10,571 |
| + 9 | 6 | 47.36 | + 9 | 293 | 10,596 |
| + 8 | 6 | 47.02 | + 8 | 260 | 10,621 |
| + 7 | 5 | 46.68 | + 7 | 228 | 10,647 |
| + 6 | 4 | 46.34 | + 6 | 195 | 10,672 |
| + 5 | 4 | 46.00 | + 5 | 163 | 10,697 |
| + 4 | 3 | 45.66 | + 4 | 130 | 10,722 |
| + 3 | 2 | 45.32 | + 3 | 98 | 10,747 |
| + 2 | 1 | 44.98 | + 2 | 65 | 10,773 |
| + 1 | 1 | 44.64 | + 1 | 33 | 10,798 |
| | | | | 0 | 10,823 |
| 0 | 0 | 44.30 | 0 | 0 | 10,898 |
| | | | | 0 | 10,973 |
| - 1 | (1) | 43.79 | - 1 | (33) | 10,998 |
| - 2 | (2) | 43.28 | - 2 | (65) | 11,023 |
| - 3 | (3) | 42.77 | - 3 | (98) | 11,049 |
| - 4 | (4) | 42.26 | - 4 | (130) | 11,074 |
| - 5 | (5) | 41.75 | - 5 | (163) | 11,099 |
| - 6 | (6) | 41.24 | - 6 | (195) | 11,124 |
| - 7 | (7) | 40.73 | - 7 | (228) | 11,149 |
| - 8 | (8) | 40.22 | - 8 | (260) | 11,175 |
| - 9 | (9) | 39.71 | - 9 | (293) | 11,200 |
| - 10 | (10) | 39.20 | - 10 | (325) | 11,225 |
| Weighting Factor: | | 0.003 | Weighting Factor: | | 0.125 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1995 - March 1996

Smith 1

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 15 | 97.00 | + 10 | 335 | 9,840 |
| + 9 | 14 | 96.89 | + 9 | 302 | 9,863 |
| + 8 | 12 | 96.78 | + 8 | 268 | 9,886 |
| + 7 | 11 | 96.67 | + 7 | 235 | 9,909 |
| + 6 | 9 | 96.56 | + 6 | 201 | 9,932 |
| + 5 | 8 | 96.45 | + 5 | 168 | 9,955 |
| + 4 | 6 | 96.34 | + 4 | 134 | 9,977 |
| + 3 | 5 | 96.23 | + 3 | 101 | 10,000 |
| + 2 | 3 | 96.12 | + 2 | 67 | 10,023 |
| + 1 | 2 | 96.01 | + 1 | 34 | 10,046 |
| | | | | 0 | 10,069 |
| 0 | 0 | 95.90 | 0 | 0 | 10,144 |
| | | | | 0 | 10,219 |
| - 1 | (3) | 95.74 | - 1 | (34) | 10,242 |
| - 2 | (6) | 95.58 | - 2 | (67) | 10,265 |
| - 3 | (10) | 95.42 | - 3 | (101) | 10,288 |
| - 4 | (13) | 95.26 | - 4 | (134) | 10,311 |
| - 5 | (16) | 95.10 | - 5 | (168) | 10,334 |
| - 6 | (19) | 94.94 | - 6 | (201) | 10,356 |
| - 7 | (22) | 94.78 | - 7 | (235) | 10,379 |
| - 8 | (26) | 94.62 | - 8 | (268) | 10,402 |
| - 9 | (29) | 94.46 | - 9 | (302) | 10,425 |
| - 10 | (32) | 94.30 | - 10 | (335) | 10,448 |
| Weighting Factor: | | 0.006 | Weighting Factor: | | 0.129 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1995 - March 1996

Smith 2

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 15 | 85.20 | + 10 | 347 | 9,861 |
| + 9 | 14 | 85.15 | + 9 | 312 | 9,884 |
| + 8 | 12 | 85.10 | + 8 | 278 | 9,907 |
| + 7 | 11 | 85.05 | + 7 | 243 | 9,930 |
| + 6 | 9 | 85.00 | + 6 | 208 | 9,953 |
| + 5 | 8 | 84.95 | + 5 | 174 | 9,976 |
| + 4 | 6 | 84.90 | + 4 | 139 | 9,999 |
| + 3 | 5 | 84.85 | + 3 | 104 | 10,022 |
| + 2 | 3 | 84.80 | + 2 | 69 | 10,045 |
| + 1 | 2 | 84.75 | + 1 | 35 | 10,068 |
| | | | | 0 | 10,091 |
| 0 | 0 | 84.70 | 0 | 0 | 10,166 |
| | | | | 0 | 10,241 |
| - 1 | (2) | 84.62 | - 1 | (35) | 10,264 |
| - 2 | (4) | 84.54 | - 2 | (69) | 10,287 |
| - 3 | (7) | 84.46 | - 3 | (104) | 10,310 |
| - 4 | (9) | 84.38 | - 4 | (139) | 10,333 |
| - 5 | (11) | 84.30 | - 5 | (174) | 10,356 |
| - 6 | (13) | 84.22 | - 6 | (208) | 10,379 |
| - 7 | (15) | 84.14 | - 7 | (243) | 10,402 |
| - 8 | (18) | 84.06 | - 8 | (278) | 10,425 |
| - 9 | (20) | 83.98 | - 9 | (312) | 10,448 |
| - 10 | (22) | 83.90 | - 10 | (347) | 10,471 |
| Weighting Factor: | | 0.006 | Weighting Factor: | | 0.133 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1995 - March 1996

Daniel 1

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 13 | 50.40 | + 10 | 394 | 9,986 |
| + 9 | 12 | 50.10 | + 9 | 355 | 10,009 |
| + 8 | 10 | 49.80 | + 8 | 315 | 10,033 |
| + 7 | 9 | 49.50 | + 7 | 276 | 10,056 |
| + 6 | 8 | 49.20 | + 6 | 236 | 10,080 |
| + 5 | 7 | 48.90 | + 5 | 197 | 10,103 |
| + 4 | 5 | 48.60 | + 4 | 158 | 10,126 |
| + 3 | 4 | 48.30 | + 3 | 118 | 10,150 |
| + 2 | 3 | 48.00 | + 2 | 79 | 10,173 |
| + 1 | 1 | 47.70 | + 1 | 39 | 10,197 |
| | | | | 0 | 10,220 |
| 0 | 0 | 47.40 | 0 | 0 | 10,295 |
| | | | | 0 | 10,370 |
| - 1 | (2) | 46.95 | - 1 | (39) | 10,393 |
| - 2 | (5) | 46.50 | - 2 | (79) | 10,417 |
| - 3 | (7) | 46.05 | - 3 | (118) | 10,440 |
| - 4 | (9) | 45.60 | - 4 | (158) | 10,464 |
| - 5 | (12) | 45.15 | - 5 | (197) | 10,487 |
| - 6 | (14) | 44.70 | - 6 | (236) | 10,510 |
| - 7 | (16) | 44.25 | - 7 | (276) | 10,534 |
| - 8 | (18) | 43.80 | - 8 | (315) | 10,557 |
| - 9 | (21) | 43.35 | - 9 | (355) | 10,581 |
| - 10 | (23) | 42.90 | - 10 | (394) | 10,604 |
| Weighting Factor: | | 0.005 | Weighting Factor: | | 0.000 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1995 - March 1996

Daniel 2

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 28 | 82.00 | + 10 | 715 | 9,703 |
| + 9 | 25 | 81.83 | + 9 | 644 | 9,726 |
| + 8 | 22 | 81.66 | + 8 | 572 | 9,748 |
| + 7 | 20 | 81.49 | + 7 | 501 | 9,771 |
| + 6 | 17 | 81.32 | + 6 | 429 | 9,793 |
| + 5 | 14 | 81.15 | + 5 | 358 | 9,816 |
| + 4 | 11 | 80.98 | + 4 | 286 | 9,838 |
| + 3 | 8 | 80.81 | + 3 | 215 | 9,861 |
| + 2 | 6 | 80.64 | + 2 | 143 | 9,883 |
| + 1 | 3 | 80.47 | + 1 | 72 | 9,906 |
| | | | | 0 | 9,928 |
| 0 | 0 | 80.30 | 0 | 0 | 10,003 |
| | | | | 0 | 10,078 |
| - 1 | (7) | 80.06 | - 1 | (72) | 10,101 |
| - 2 | (13) | 79.82 | - 2 | (143) | 10,123 |
| - 3 | (20) | 79.58 | - 3 | (215) | 10,146 |
| - 4 | (26) | 79.34 | - 4 | (286) | 10,168 |
| - 5 | (33) | 79.10 | - 5 | (358) | 10,191 |
| - 6 | (39) | 78.86 | - 6 | (429) | 10,213 |
| - 7 | (46) | 78.62 | - 7 | (501) | 10,236 |
| - 8 | (52) | 78.38 | - 8 | (572) | 10,258 |
| - 9 | (59) | 78.14 | - 9 | (644) | 10,281 |
| - 10 | (65) | 77.90 | - 10 | (715) | 10,303 |
| Weighting Factor: | | 0.011 | Weighting Factor: | | 0.000 |

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GPIF Unit Performance Summary

Gulf Power Company

Period of: October 1995 - March 1996

| Plant & Unit | Weighting Factor % | EAF Target % | EAF Range Max % | EAF Range Min % | Max Fuel Savings ($000) | Max Fuel Loss ($000) | EAF Adjusted Actual % | Actual Fuel Savings/ Loss ($000) |
|---|---|---|---|---|---|---|---|---|
| Crist 6 | 0.2 | 88.9 | 90.9 | 85.9 | 6 | -8 | 94.6 | $6 |
| Crist 7 | 0.3 | 44.3 | 47.7 | 39.2 | 7 | -10 | 52.4 | $7 |
| Smith 1 | 0.6 | 95.9 | 97.0 | 94.3 | 15 | -32 | 97.6 | $15 |
| Smith 2 | 0.6 | 84.7 | 85.2 | 83.9 | 15 | -22 | 78.5 | ($22) |
| Daniel 1 | 0.5 | 47.4 | 50.4 | 42.9 | 13 | -23 | 50.9 | $13 |
| Daniel 2 | 1.1 | 80.3 | 82.0 | 77.9 | 28 | -65 | 80.1 | ($5) |
| Total: | 3.3 | | | | | | | |

| Plant & Unit | Weighting Factor % | ANOHR Target BTU/KWH | Target NOF | ANOHR Range Max BTU/KWH | ANOHR Range Min BTU/KWH | Max Fuel Savings ($000) | Max Fuel Loss ($000) | ANOHR Adjusted Actual BTU/KWH | Actual Fuel Savings/ Loss ($000) |
|---|---|---|---|---|---|---|---|---|---|
| Crist 6 | 15.5 | 10,892 | 49.1 | 11,219 | 10,565 | $405 | ($405) | 10,880 | $0 |
| Crist 7 | 12.5 | 10,898 | 50.1 | 11,225 | 10,571 | $325 | ($325) | 10,875 | $0 |
| Smith 1 | 12.9 | 10,144 | 99.8 | 10,448 | 9,840 | $335 | ($335) | 10,278 | ($86) |
| Smith 2 | 13.3 | 10,166 | 99.7 | 10,471 | 9,861 | $347 | ($347) | 10,287 | ($69) |
| Daniel 1 | 0.0 | 10,295 | 82.3 | 10,604 | 9,986 | $394 | ($394) | 10,498 | ($216) |
| Daniel 2 | 0.0 | 10,003 | 87.8 | 10,303 | 9,703 | $715 | ($715) | 10,324 | ($715) |
| Total: | 54.2 | | | | | | | | |

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Actual Unit Performance Data

Gulf Power Company

Period of: October 1995 - March 1996

| Plant & Unit | Actual EAF % | Adjustments* to EAF % | Adjusted Actual % |
|---|---|---|---|
| Crist 6 | 90.8 | 3.8 | 94.6 |
| Crist 7 | 51.3 | 1.1 | 52.4 |
| Smith 1 | 94.3 | 3.3 | 97.6 |
| Smith 2 | 84.5 | -6.0 | 78.5 |
| Daniel 1 | 52.5 | -1.6 | 50.9 |
| Daniel 2 | 46.2 | 33.9 | 80.1 |

| Plant & Unit | Actual ANOHR BTU/KWH | Adjustments** to ANOHR BTU/KWH | ANOHR Adjusted Actual BTU/KWH |
|---|---|---|---|
| Crist 6 | 10,750 | 130 | 10,880 |
| Crist 7 | 10,779 | 96 | 10,875 |
| Smith 1 | 10,339 | -61 | 10,278 |
| Smith 2 | 10,373 | -86 | 10,287 |
| Daniel 1 | 10,453 | 45 | 10,498 |
| Daniel 2 | 10,566 | -242 | 10,324 |

* Refer to pages 3 through 8, Schedule 2.

** Refer to pages 8 through 13, Schedule 3.

Issued by: T. J. Bowden

Filed: May 20,1996
Suspended:
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Docket No.: 960007-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1995 - March 1996

| | CRIST 6 | Oct '95 | Nov '95 | Dec '95 | Jan '96 | Feb '96 | Mar '96 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 49.9 | 99.8 | 100.0 | 99.5 | 99.9 | 96.8 | 90.8 |
| 2. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| 3. | SH | 372.9 | 448.1 | 182.6 | 590.3 | 696.0 | 724.6 | 3014.5 |
| 4. | RSH | 0.0 | 271.9 | 561.4 | 150.0 | 0.0 | 0.0 | 983.3 |
| 5. | UH | 372.1 | 0.0 | 0.0 | 3.7 | 0.0 | 19.4 | 395.2 |
| 6. | POH | 372.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 372.1 |
| 7. | FOH | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 19.4 | 23.1 |
| 8. | MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9. | PFOH | 5.4 | 2.8 | 0.0 | 0.0 | 3.8 | 9.3 | 21.3 |
| 10. | LR pf (MW) | 65.0 | 191.0 | 0.0 | 0.0 | 57.0 | 160.7 | 121.9 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 |
| 14. | Oper MBtu | 661164 | 799060 | 322521 | 915195 | 1434194 | 1261686 | 5393820 |
| 15. | Net Gen (MWH) | 61916 | 70526 | 29989 | 85111 | 136741 | 117471 | 501754 |
| 16. | ANOHR (Btu/KWH) | 10678 | 11330 | 10755 | 10753 | 10488 | 10740 | 10750 |
| 17. | NOF % | 52.4 | 49.6 | 51.8 | 45.5 | 62.0 | 51.1 | 52.5 |
| 18. | NPC (MW) | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 |

| | | |
|---|---|---|
| 19. | ANOHR Equation | 10^6 / AKW * [ 109.83 + 29.31 * MAY + 54.42 * JUN + 61.20 * JUL + 44.41 * AUG - 25.72 * OCT ] + 11,166 - 0.00530 * LSRF / AKW |

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1995 - March 1996

| | CRIST 7 | Oct '95 | Nov '95 | Dec '95 | Jan '96 | Feb '96 | Mar '96 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 46.8 | 56.7 | 98.9 | 99.6 | 2.6 | 0.0 | 51.3 |
| 2. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| 3. | SH | 390.8 | 418.1 | 744.0 | 744.0 | 18.1 | 0.0 | 2315.0 |
| 4. | RSH | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 |
| 5. | UH | 338.7 | 301.9 | 0.0 | 0.0 | 677.9 | 744.0 | 2062.5 |
| 6. | POH | 313.0 | 301.9 | 0.0 | 0.0 | 640.5 | 744.0 | 1999.4 |
| 7. | FOH | 25.7 | 0.0 | 0.0 | 0.0 | 37.4 | 0.0 | 63.1 |
| 8. | MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9. | PFOH | 158.2 | 26.9 | 25.0 | 7.6 | 0.0 | 0.0 | 217.7 |
| 10. | LR pf (MW) | 184.1 | 185.1 | 166.2 | 204.7 | 0.0 | 0.0 | 182.9 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 |
| 14. | Oper MBtu | 1132117 | 1077515 | 2078959 | 1940172 | 39576 | 0 | 6268339 |
| 15. | Net Gen (MWH) | 102678 | 99069 | 196080 | 180450 | 3234 | 0 | 581511 |
| 16. | ANOHR (Btu/KWH) | 11026 | 10876 | 10603 | 10752 | 12237 | 0 | 10779 |
| 17. | NOF % | 52.1 | 47.0 | 52.3 | 48.1 | 35.5 | 0.0 | 49.8 |
| 18. | NPC (MW) | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ 878.46 + 31.78 * JAN + 53.36 * JUL + 68.56 * AUG + 37.42 * NOV ] + 6,004 + 0.00458 * LSRF / AKW | | | | | | |

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Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1995 - March 1996

| | SMITH 1 | Oct '95 | Nov '95 | Dec '95 | Jan '96 | Feb '96 | Mar '96 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 91.7 | 79.5 | 94.8 | 100.0 | 99.9 | 99.8 | 94.3 |
| 2. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| 3. | SH | 682.8 | 573.0 | 716.7 | 744.0 | 696.0 | 744.0 | 4156.5 |
| 4. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5. | UH | 62.2 | 147.0 | 27.3 | 0.0 | 0.0 | 0.0 | 236.5 |
| 6. | POH | 0.0 | 147.0 | 27.3 | 0.0 | 0.0 | 0.0 | 174.3 |
| 7. | FOH | 62.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.2 |
| 8. | MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9. | PFOH | 0.0 | 3.9 | 0.0 | 1.0 | 1.9 | 7.4 | 14.2 |
| 10. | LR pf (MW) | 0.0 | 36.0 | 0.0 | 36.0 | 36.0 | 36.0 | 36.0 |
| 11. | PMOH | 0.0 | 0.0 | 31.0 | 0.0 | 0.0 | 0.0 | 31.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 58.9 | 0.0 | 0.0 | 0.0 | 58.9 |
| 13. | NSC (MW) | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 |
| 14. | Oper MBtu | 1049692 | 905282 | 1045107 | 1153002 | 1044551 | 1126671 | 6324305 |
| 15. | Net Gen (MWH) | 102295 | 87738 | 101139 | 111329 | 99598 | 109573 | 611672 |
| 16. | ANOHR (Btu/KWH) | 10261 | 10318 | 10333 | 10357 | 10488 | 10282 | 10339 |
| 17. | NOF % | 93.1 | 95.1 | 87.7 | 92.9 | 88.9 | 91.5 | 91.4 |
| 18. | NPC (MW) | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ 102.91 + 18.24 * JAN + 16.72 * MAR ] + 9,467 | | | | | | |

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Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1995 - March 1996

| | SMITH 2 | Oct '95 | Nov '95 | Dec '95 | Jan '96 | Feb '96 | Mar '96 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 82.4 | 71.9 | 100.0 | 100.0 | 94.7 | 58.1 | 84.5 |
| 2. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| 3. | SH | 628.0 | 550.8 | 693.8 | 744.0 | 658.8 | 438.8 | 3714.2 |
| 4. | RSH | 0.0 | 0.0 | 50.2 | 0.0 | 0.0 | 0.0 | 50.2 |
| 5. | UH | 117.0 | 169.2 | 0.0 | 0.0 | 37.2 | 305.2 | 628.6 |
| 6. | POH | 11.4 | 0.0 | 0.0 | 0.0 | 0.0 | 305.2 | 316.6 |
| 7. | FOH | 105.6 | 22.5 | 0.0 | 0.0 | 37.2 | 0.0 | 165.3 |
| 8. | MOH | 0.0 | 146.7 | 0.0 | 0.0 | 0.0 | 0.0 | 146.7 |
| 9. | PFOH | 43.6 | 79.5 | 0.0 | 0.0 | 0.0 | 11.2 | 134.3 |
| 10. | LR pf (MW) | 60.4 | 79.0 | 0.0 | 0.0 | 0.0 | 116.2 | 76.1 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 |
| 14. | Oper MBtu | 1087299 | 910434 | 1178855 | 1336701 | 1086830 | 745277 | 6345396 |
| 15. | Net Gen (MWH) | 105509 | 88777 | 114008 | 127141 | 105009 | 71257 | 611701 |
| 16. | ANOHR (Btu/KWH) | 10305 | 10255 | 10340 | 10514 | 10350 | 10459 | 10373 |
| 17. | NOF % | 88.0 | 84.4 | 86.0 | 89.5 | 83.5 | 85.0 | 86.2 |
| 18. | NPC (MW) | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ 105.20 + 22.96 * APR + 31.94 * JUN ] + 9,614 | | | | | | |

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Docket No.: 960001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1995 - March 1996

| | DANIEL 1 | Oct '95 | Nov '95 | Dec '95 | Jan '96 | Feb '96 | Mar '96 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 0.0 | 0.0 | 46.9 | 74.9 | 97.7 | 97.0 | 52.5 |
| 2. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| 3. | SH | 0.0 | 0.0 | 353.7 | 575.6 | 670.4 | 728.3 | 2328.0 |
| 4. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 25.6 | 0.0 | 25.6 |
| 5. | UH | 745.0 | 720.0 | 390.3 | 168.4 | 0.0 | 15.7 | 2039.4 |
| 6. | POH | 745.0 | 720.0 | 330.3 | 0.0 | 0.0 | 0.0 | 1795.3 |
| 7. | FOH | 0.0 | 0.0 | 26.9 | 2.2 | 0.0 | 15.7 | 44.8 |
| 8. | MOH | 0.0 | 0.0 | 33.1 | 166.2 | 0.0 | 0.0 | 199.3 |
| 9. | PFOH | 0.0 | 0.0 | 19.5 | 59.4 | 41.3 | 49.2 | 169.4 |
| 10. | LR pf (MW) | 0.0 | 0.0 | 109.0 | 130.4 | 151.5 | 55.1 | 111.2 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 5.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 150.0 | 0.0 | 150.0 |
| 13. | NSC (MW) | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 |
| 14. | Oper MBtu | 0 | 0 | 1100184 | 2043156 | 2465744 | 3087959 | 8697043 |
| 15. | Net Gen (MWH) | 0 | 0 | 102608 | 192663 | 237027 | 299686 | 831984 |
| 16. | ANOHR (Btu/KWH) | 0 | 0 | 10722 | 10605 | 10403 | 10304 | 10453 |
| 17. | NOF % | 0.0 | 0.0 | 67.5 | 77.8 | 82.2 | 95.7 | 83.1 |
| 18. | NPC (MW) | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 |

19. ANOHR Equation: 10^6 / AKW * [ -232.66 - 49.50 * JAN + 43.76 * MAR - 44.91 * APR ]
+ 13,646 - 0.00685 * LSRF / AKW

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Docket No.: 960001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1995 - March 1996

| | DANIEL 2 | Oct '95 | Nov '95 | Dec '95 | Jan '96 | Feb '96 | Mar '96 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 61.9 | 99.2 | 99.5 | 13.0 | 0.0 | 2.0 | 46.2 |
| 2. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 696.0 | 744.0 | 4393.0 |
| 3. | SH | 464.2 | 720.0 | 684.8 | 120.3 | 0.0 | 15.2 | 2004.5 |
| 4. | RSH | 0.0 | 0.0 | 59.2 | 0.0 | 0.0 | 0.0 | 59.2 |
| 5. | UH | 280.8 | 0.0 | 0.0 | 623.7 | 696.0 | 728.8 | 2329.3 |
| 6. | POH | 280.8 | 0.0 | 0.0 | 623.7 | 696.0 | 623.3 | 2223.8 |
| 7. | FOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. | MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 105.5 | 105.5 |
| 9. | PFOH | 16.3 | 34.2 | 18.5 | 68.0 | 0.0 | 0.0 | 137.0 |
| 10. | LR pf (MW) | 76.1 | 75.6 | 79.8 | 147.7 | 0.0 | 0.0 | 112.0 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 |
| 14. | Oper MBtu | 1744817 | 2027651 | 2628341 | 333437 | 0 | 25350 | 6759596 |
| 15. | Net Gen (MWH) | 167579 | 188768 | 253215 | 29780 | 0 | 431 | 639773 |
| 16. | ANOHR (Btu/KWH) | 10412 | 10741 | 10380 | 11197 | 0 | 58817 | 10566 |
| 17. | NOF % | 84.0 | 61.0 | 86.0 | 57.6 | 0.0 | 6.6 | 74.2 |
| 18. | NPC (MW) | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 | 430.0 |

19. ANOHR Equation 10^6 / AKW * [ -52.87 - 50.85 * MAY + 48.96 * SEP - 64.36 * OCT ]

+ 12,240 - 0.00502 * LSRF / AKW

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Planned Outage Schedules (Actual)

Period of: October 1995 - March 1996

Critical path bar charts of actual work activity performed during major planned outages are not shown here since corresponding bar charts of forecast work activity were not provided earlier in conformance with agreement with Staff to avoid the premature production of charts prior to their normal course of development. Forecast and actual critical path bar charts are developed for each planned outage and, per agreement with Staff, these charts will be provided on request.

Issued by: T. J. Bowden

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Suspended:
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Docket No.: 960001-EI
Order No.:

AFFIDAVIT

STATE OF FLORIDA )
)
COUNTY OF ESCAMBIA )

Docket No. 960001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist of Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 14th day of May, 1996.

Rollanda R. Cothran
Notary Public, State of Florida at Large

Commission Number: CC 348550

Commission Expires: February 26, 1999

ROLLANDA R. COTHRAN
MY COMMISSION EXPIRES
FEBRUARY 26, 1999
CC 348550
Bonded thru
Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA

AFFIDAVIT

STATE OF FLORIDA )
)
COUNTY OF ESCAMBIA )

Docket No. 960001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist of Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 14th day of May, 1996.

Rollanda R. Cothran
Notary Public, State of Florida at Large

Commission Number:

Commission Expires:

ROLLANDA R. COTHRAN
MY COMMISSION EXPIRES
FEBRUARY 26, 1998
CC 346358
Bonded thru Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA

Florida Public Service Commission
Docket No. 960001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-2)

EXHIBIT TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 960001-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 960001-EI EXHIBIT NO 27
COMPANY/ WITNESS: Gulf Fontaine
DATE: 8/29/96

I. DETERMINATION OF HEAT RATE TARGETS

## Target Heat Rate Equations

Crist 6 ANOHR 10^6 / AKW * [ 283.63 + 41.78 * MAY + 47.50 * JUN + 71.49 * JUL + 69.47 * AUG + 53.54 * SEP ]

+ 9,067

Crist 7 ANOHR 10^6 / AKW * [ 715.72 + 37.42 * MAY + 72.62 * JUL + 65.08 * AUG ]

+ 6,979 + 0.00356 * LSRF / AKW

Smith 1 ANOHR 10^6 / AKW * [ 102.51 + 28.97 * JAN + 21.60 * FEB + 17.09 * MAR + 16.86 * NOV ]

+ 9,514

Smith 2 ANOHR 10^6 / AKW * [ 79.43 + 15.31 * JAN + 18.19 * MAR + 18.86 * APR + 33.80 * JUN - 17.79 * SEP ]

+ 9,860

Daniel 1 ANOHR 10^6 / AKW * [ -198.30 ]

+ 12,928 - 0.00516 * LSRF / AKW

Daniel 2 ANOHR 10^6 / AKW * [ -86.94 ]

+ 13,068 - 0.00674 * LSRF / AKW

Where:

ANOHR = Average Net Operating Heat Rate, BTU/KWH
AKW = Average Kilowatt Load, KW
LSRF = Load Square Range Factor, KW^2
JAN = January, 0 if not January, 1 if January
FEB = February, 0 if not February, 1 if February
MAR = March, 0 if not March, 1 if March
APR = April, 0 if not April, 1 if April
MAY = May, 0 if not May, 1 if May
JUN = June, 0 if not June, 1 if June
JUL = July, 0 if not July, 1 if July
AUG = August, 0 if not August, 1 if August
SEP = September, 0 if not September, 1 if September
OCT = October, 0 if not October, 1 if October
NOV = November, 0 if not November, 1 if November

WEEKLY UNIT OPERATING

DATA USED TO DEVELOP

TARGET HEAT RATE EQUATIONS

Data Base for CRIST 6 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | XS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10299 | 143 | 267.6 | 74041 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10142 | 168 | 258.1 | 70372 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10063 | 168 | 272.5 | 76444 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10093 | 168 | 267.5 | 74623 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10280 | 168 | 250.3 | 67175 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10453 | 168 | 249.9 | 67560 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10286 | 109 | 250.8 | 68088 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10430 | 168 | 237.8 | 61806 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10242 | 168 | 244.4 | 64331 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10187 | 168 | 266.5 | 74143 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10263 | 168 | 259.5 | 72857 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10476 | 168 | 249.5 | 67030 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10554 | 97 | 173.6 | 36292 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10832 | 140 | 184.4 | 41323 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10729 | 168 | 229.2 | 59481 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10210 | 168 | 266.0 | 75116 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10240 | 168 | 273.2 | 77881 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10546 | 168 | 244.0 | 65528 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10748 | 168 | 224.0 | 55916 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10348 | 168 | 250.8 | 67753 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10267 | 168 | 246.9 | 65043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10210 | 168 | 260.1 | 70839 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10366 | 168 | 238.7 | 62037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10602 | 98 | 188.1 | 39906 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1993 |
| 10246 | 168 | 216.1 | 52650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 11068 | 106 | 194.2 | 44146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1993 |
| * 12677 | 27 | 88.5 | 8112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1993 |
| 10151 | 168 | 224.3 | 55553 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10113 | 152 | 240.4 | 62357 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10376 | 162 | 216.8 | 53008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10165 | 132 | 242.7 | 63340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 9995 | 168 | 237.0 | 60256 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10468 | 168 | 253.3 | 68126 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10158 | 168 | 224.7 | 54695 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10564 | 168 | 207.1 | 47420 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10887 | 168 | 152.4 | 26490 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10704 | 168 | 154.4 | 27074 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10856 | 168 | 153.6 | 25973 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10958 | 168 | 134.9 | 19733 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10425 | 168 | 217.4 | 51898 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10808 | 168 | 221.2 | 53016 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10474 | 168 | 256.5 | 68482 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10754 | 82 | 210.3 | 47431 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10408 | 110 | 237.4 | 59828 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10528 | 149 | 199.6 | 44018 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10313 | 168 | 239.4 | 61692 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10516 | 168 | 224.6 | 56000 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |

Data Base for CRIST 6 Target Heat Rate Equation

| HR | HOUR | ANW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10504 | 144 | 225.4 | 55333 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 11580 | 105 | 152.2 | 27037 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10959 | 168 | 196.9 | 42456 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10713 | 110 | 222.4 | 56334 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10973 | 158 | 198.7 | 45361 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 11121 | 168 | 208.1 | 49456 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 11159 | 97 | 186.2 | 40420 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 11195 | 168 | 194.4 | 45262 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 11489 | 117 | 197.2 | 45572 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 11343 | 159 | 164.5 | 32085 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10675 | 168 | 213.4 | 52943 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10646 | 142 | 211.7 | 51601 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1994 |
| 10632 | 168 | 207.0 | 50118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10793 | 168 | 181.8 | 38971 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10736 | 168 | 195.8 | 44957 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 12130 | 16 | 114.8 | 13927 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10757 | 67 | 218.9 | 56460 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1994 |
| 10798 | 168 | 190.3 | 44971 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 11145 | 168 | 170.0 | 35440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 11359 | 24 | 153.1 | 26177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10892 | 168 | 161.9 | 30394 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10723 | 168 | 170.3 | 32759 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10729 | 168 | 162.7 | 30658 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10935 | 35 | 134.7 | 20990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10465 | 118 | 200.1 | 44824 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1994 |
| 10693 | 168 | 160.2 | 28516 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10719 | 167 | 164.7 | 33123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10667 | 168 | 165.4 | 32855 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 11130 | 156 | 139.5 | 21148 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 11224 | 168 | 126.8 | 16962 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10911 | 155 | 135.9 | 19918 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 12476 | 43 | 122.3 | 15915 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1995 |
| 11037 | 161 | 146.8 | 23697 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11265 | 134 | 127.7 | 17434 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 11471 | 168 | 126.8 | 16967 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11212 | 19 | 126.0 | 16086 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11661 | 28 | 145.5 | 22787 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 11506 | 106 | 124.9 | 16409 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| * 12227 | 16 | 121.2 | 15206 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 11168 | 168 | 132.1 | 18696 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11023 | 167 | 160.6 | 31249 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11259 | 143 | 139.9 | 22998 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11199 | 154 | 172.5 | 35840 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 12451 | 11 | 107.4 | 12726 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11490 | 107 | 138.7 | 22485 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 11286 | 168 | 148.2 | 25839 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11169 | 168 | 180.9 | 38194 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |

Data Base for CRIST 6 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11121 | 168 | 176.0 | 38226 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11501 | 168 | 138.4 | 21466 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10949 | 168 | 195.4 | 44859 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11345 | 104 | 155.7 | 29441 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11218 | 76 | 159.0 | 29713 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1995 |
| 10640 | 168 | 210.3 | 50639 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11418 | 108 | 150.1 | 26757 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 11025 | 168 | 184.4 | 40441 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10903 | 168 | 192.9 | 43860 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10916 | 168 | 184.3 | 38638 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11159 | 168 | 176.6 | 36791 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 11188 | 168 | 178.2 | 36748 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 11109 | 168 | 230.1 | 60291 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10928 | 168 | 210.7 | 50719 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 11305 | 168 | 188.4 | 40732 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 12225 | 108 | 119.8 | 15657 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 11991 | 116 | 155.8 | 26778 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1995 |
| 11784 | 76 | 162.9 | 30184 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1995 |
| 10808 | 132 | 170.8 | 34980 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1995 |
| 10662 | 168 | 171.6 | 35309 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10953 | 169 | 163.4 | 32659 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 11235 | 168 | 179.6 | 39233 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 11656 | 168 | 128.3 | 17397 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 11883 | 16 | 108.2 | 12082 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 11055 | 95 | 161.3 | 28710 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10716 | 88 | 166.7 | 31221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10828 | 159 | 144.8 | 23548 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1996 |
| 10832 | 168 | 149.5 | 26310 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10875 | 168 | 131.2 | 17895 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10652 | 168 | 164.9 | 31223 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10431 | 168 | 238.0 | 60081 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10299 | 168 | 192.6 | 39064 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10463 | 168 | 178.3 | 33845 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10882 | 168 | 167.9 | 31291 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10525 | 168 | 206.2 | 49907 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10872 | 150 | 158.4 | 29348 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10677 | 168 | 155.0 | 26646 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10809 | 168 | 139.1 | 20373 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 11129 | 24 | 130.0 | 16928 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |

Data Base for CRIST 6 Target Heat Rate Equation

| | |
|---|---|
| HR | Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH. |
| HOUR | Number of hours the unit was synchronized during the week. |
| AMW | Average load on the unit, in MW. |
| LSRF | Load square range factor, in MW^2. |
| JAN to NOV | The number 1 indicates the month of the observation. All 0's indicate December. |
| NS | Number of unit start ups during the week after being shut down for 24 hours or more. |
| YEAR | The year of the observation. |
| * | Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval. |

Data Base for CRIST 7 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13941 | 23 | 159.2 | 26204 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 11725 | 38 | 202.9 | 46155 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10902 | 49 | 240.6 | 62949 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10179 | 153 | 394.1 | 167217 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10078 | 168 | 411.8 | 182239 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10385 | 168 | 412.5 | 184478 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10260 | 168 | 419.3 | 187347 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10341 | 168 | 411.0 | 183457 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10300 | 168 | 432.0 | 195415 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10421 | 168 | 444.3 | 203094 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10503 | 168 | 400.8 | 174476 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10452 | 168 | 424.9 | 192743 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10424 | 168 | 424.8 | 192017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10240 | 168 | 430.1 | 195149 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10213 | 136 | 423.3 | 189708 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1993 |
| 10354 | 168 | 403.5 | 176250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10303 | 168 | 424.7 | 190679 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10108 | 168 | 417.5 | 185641 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10264 | 69 | 372.6 | 153638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10751 | 22 | 292.7 | 99252 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1993 |
| 10306 | 168 | 401.2 | 176698 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10368 | 153 | 379.2 | 157635 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10165 | 168 | 417.4 | 183508 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10074 | 75 | 382.5 | 163620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1993 |
| 10212 | 169 | 428.8 | 190111 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10216 | 168 | 402.4 | 174229 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10489 | 168 | 306.2 | 114117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10482 | 125 | 341.3 | 135571 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1993 |
| 10309 | 168 | 404.7 | 177745 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10649 | 17 | 373.5 | 159055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| * 31418 | 11 | 106.4 | 15525 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1993 |
| * 12823 | 8 | 140.9 | 22529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 12136 | 56 | 271.9 | 97925 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1994 |
| 10505 | 138 | 384.2 | 165997 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1994 |
| 10355 | 166 | 450.5 | 210371 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10466 | 157 | 347.0 | 132003 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10373 | 168 | 392.6 | 163074 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10665 | 21 | 399.5 | 168986 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10839 | 68 | 273.6 | 90231 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1994 |
| 10366 | 168 | 359.9 | 139946 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10342 | 168 | 388.0 | 162970 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10450 | 146 | 361.3 | 145378 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10351 | 168 | 358.5 | 147439 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10280 | 168 | 341.4 | 123881 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10562 | 99 | 338.1 | 124070 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1994 |
| 10285 | 156 | 402.3 | 174872 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10407 | 168 | 333.1 | 128129 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |

Data Base for CRIST 7 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10251 | 168 | 440.8 | 202555 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10264 | 168 | 428.6 | 194867 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10279 | 107 | 411.3 | 182552 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10297 | 168 | 406.4 | 175655 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10260 | 112 | 400.6 | 175790 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10425 | 168 | 387.7 | 164374 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10474 | 118 | 368.7 | 150458 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10403 | 168 | 390.1 | 167774 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10492 | 168 | 369.0 | 152376 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10629 | 168 | 362.0 | 144879 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10638 | 168 | 324.1 | 121933 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10706 | 168 | 327.7 | 123922 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10525 | 168 | 384.7 | 162786 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10661 | 168 | 336.3 | 127242 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10601 | 168 | 338.6 | 131243 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10679 | 168 | 342.3 | 134693 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10604 | 142 | 323.6 | 121504 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1994 |
| 10699 | 168 | 321.2 | 120721 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10708 | 168 | 328.7 | 125866 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10975 | 168 | 235.0 | 61780 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10712 | 168 | 288.0 | 99116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10893 | 21 | 263.9 | 82214 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 11412 | 13 | 240.5 | 65010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1994 |
| 10729 | 79 | 271.9 | 84610 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10359 | 102 | 349.0 | 139017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1994 |
| 10326 | 168 | 330.3 | 125548 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10180 | 169 | 363.6 | 147970 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10348 | 47 | 322.1 | 118229 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10923 | 68 | 295.6 | 105226 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1994 |
| 10601 | 166 | 300.1 | 104849 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10556 | 158 | 296.8 | 100241 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10495 | 15 | 205.8 | 42470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 11063 | 91 | 241.4 | 64833 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 11144 | 168 | 205.8 | 44161 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10772 | 168 | 242.8 | 67240 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10876 | 168 | 243.0 | 66794 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10936 | 168 | 230.0 | 57242 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10934 | 168 | 254.9 | 73444 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11275 | 81 | 193.2 | 40317 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11017 | 148 | 248.3 | 68699 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10906 | 168 | 258.3 | 77339 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11078 | 100 | 214.4 | 48212 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10784 | 168 | 264.9 | 82120 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10956 | 168 | 240.3 | 63954 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11139 | 167 | 198.8 | 39985 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10817 | 168 | 243.3 | 68305 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10857 | 168 | 294.5 | 104401 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |

Data Base for CRIST 7 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11092 | 168 | 226.9 | 55323 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11156 | 168 | 220.1 | 53031 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10844 | 168 | 288.2 | 98355 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10719 | 163 | 430.2 | 189076 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 13009 | 13 | 160.7 | 29024 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10873 | 147 | 246.7 | 70268 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10854 | 142 | 348.1 | 138690 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10770 | 168 | 303.1 | 108842 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10442 | 168 | 327.0 | 120485 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10567 | 164 | 362.1 | 144713 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11142 | 44 | 299.2 | 102050 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10519 | 168 | 344.2 | 134198 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10925 | 168 | 339.1 | 131113 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10982 | 168 | 364.3 | 149818 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11032 | 168 | 323.6 | 119955 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 11119 | 168 | 287.2 | 88123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10711 | 168 | 374.6 | 154031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10809 | 95 | 338.2 | 134595 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1995 |
| 10543 | 168 | 344.1 | 136056 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10733 | 168 | 282.8 | 91224 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10679 | 168 | 312.5 | 110739 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10885 | 168 | 308.9 | 108831 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10635 | 168 | 301.5 | 103574 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 11215 | 142 | 273.8 | 87823 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1995 |
| 10941 | 168 | 266.8 | 79461 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10959 | 81 | 234.4 | 61078 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 11121 | 130 | 217.9 | 49689 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1995 |
| 11028 | 168 | 212.7 | 45428 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10574 | 168 | 288.4 | 91484 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10507 | 168 | 276.9 | 84402 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10432 | 168 | 285.2 | 90178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10715 | 168 | 263.4 | 76353 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10802 | 168 | 232.0 | 56361 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10792 | 168 | 225.7 | 53489 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10625 | 168 | 271.8 | 82007 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10782 | 168 | 236.6 | 59917 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10801 | 168 | 222.1 | 50497 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10936 | 109 | 249.6 | 68586 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| * 14771 | 6 | 136.2 | 22160 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1996 |

Data Base for CRIST 7 Target Heat Rate Equation

| | |
|---|---|
| HR | Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH. |
| HOUR | Number of hours the unit was synchronized during the week. |
| AMW | Average load on the unit, in MW. |
| LSRF | Load square range factor, in MW^2. |
| JAN to NOV | The number 1 indicates the month of the observation. All 0's indicate December. |
| NS | Number of unit start ups during the week after being shut down for 24 hours or more. |
| YEAR | The year of the observation. |
| * | Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval. |

Data Base for SMITH 1 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10104 | 166 | 156.2 | 24868 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10073 | 168 | 155.5 | 24296 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10129 | 168 | 157.9 | 24989 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10090 | 168 | 153.2 | 23689 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10105 | 168 | 138.0 | 19422 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10365 | 168 | 131.6 | 17924 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10561 | 124 | 142.5 | 21203 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10195 | 168 | 124.9 | 16136 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10225 | 168 | 146.7 | 22070 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10191 | 168 | 153.3 | 23761 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10512 | 168 | 138.3 | 20375 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10162 | 168 | 152.5 | 23503 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10101 | 120 | 149.9 | 22883 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10154 | 165 | 151.3 | 23327 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10207 | 116 | 145.3 | 21851 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10169 | 168 | 158.7 | 25196 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10207 | 168 | 159.3 | 25386 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10223 | 168 | 152.3 | 23527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10188 | 168 | 149.5 | 22654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10150 | 168 | 154.7 | 24069 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10301 | 118 | 152.4 | 23751 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1993 |
| 10162 | 168 | 157.6 | 24852 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10209 | 168 | 145.6 | 21909 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10286 | 168 | 153.7 | 23827 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10187 | 168 | 152.1 | 23390 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10076 | 137 | 150.3 | 23093 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1993 |
| 10101 | 24 | 153.1 | 23538 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10047 | 168 | 151.8 | 23218 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10092 | 168 | 152.9 | 23548 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10208 | 168 | 156.7 | 24632 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10227 | 168 | 149.1 | 22517 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10295 | 161 | 152.6 | 23569 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10523 | 168 | 152.6 | 23591 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10912 | 13 | 142.0 | 21706 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10349 | 138 | 141.4 | 21169 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1993 |
| 10179 | 168 | 137.6 | 19908 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10124 | 168 | 106.3 | 12922 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10716 | 72 | 104.1 | 12056 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10662 | 73 | 141.8 | 20985 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10428 | 168 | 150.6 | 22913 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10331 | 168 | 157.3 | 24757 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10439 | 168 | 149.8 | 22667 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10382 | 168 | 151.9 | 23232 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10507 | 168 | 143.4 | 20965 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10475 | 19 | 130.8 | 18192 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10237 | 109 | 148.7 | 22849 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10112 | 97 | 155.0 | 24701 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |

Data Base for SMITH 1 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10308 | 128 | 138.3 | 20566 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10012 | 168 | 151.1 | 23274 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 9976 | 168 | 148.0 | 22572 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10133 | 168 | 146.0 | 22091 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10218 | 168 | 146.3 | 22146 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10274 | 168 | 129.2 | 18447 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10329 | 142 | 130.6 | 18826 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10261 | 168 | 146.4 | 21979 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10364 | 168 | 141.7 | 21082 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10274 | 168 | 137.7 | 20268 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10280 | 168 | 142.9 | 21275 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10144 | 168 | 140.2 | 20508 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10260 | 168 | 140.9 | 20734 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10371 | 168 | 143.2 | 21267 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10214 | 168 | 135.5 | 19469 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10273 | 151 | 134.0 | 19345 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10283 | 168 | 136.5 | 19666 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10245 | 168 | 139.5 | 20374 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10157 | 24 | 130.8 | 18450 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10262 | 168 | 138.4 | 20164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10282 | 168 | 140.2 | 20519 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10140 | 168 | 132.6 | 18755 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10369 | 168 | 134.1 | 19048 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10291 | 169 | 139.2 | 20262 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10271 | 168 | 142.8 | 21209 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10185 | 168 | 136.0 | 19670 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10224 | 141 | 128.5 | 17951 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10299 | 115 | 137.6 | 20146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1994 |
| 10481 | 168 | 128.9 | 18412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10419 | 168 | 136.7 | 19814 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10301 | 168 | 135.6 | 19512 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10329 | 168 | 126.0 | 17079 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10310 | 168 | 155.2 | 24312 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10387 | 168 | 154.6 | 24256 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10300 | 168 | 158.4 | 25108 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10342 | 168 | 157.8 | 24903 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10471 | 151 | 143.8 | 21707 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10373 | 168 | 157.2 | 24878 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10107 | 168 | 149.9 | 22965 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10245 | 168 | 141.6 | 21182 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10138 | 168 | 150.2 | 22814 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10174 | 168 | 151.8 | 23319 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10200 | 168 | 158.0 | 25021 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10650 | 168 | 158.5 | 25157 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10225 | 168 | 158.3 | 25074 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10446 | 167 | 155.0 | 24160 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10356 | 163 | 149.8 | 22784 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |

Data Base for SMITH 1 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10263 | 149 | 151.2 | 23218 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10064 | 168 | 153.0 | 23719 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10047 | 168 | 158.4 | 25176 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10051 | 168 | 152.1 | 23491 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10161 | 168 | 155.2 | 24284 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10109 | 168 | 159.1 | 25336 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10245 | 168 | 158.8 | 25210 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10226 | 111 | 151.1 | 23355 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10092 | 168 | 159.9 | 25581 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10199 | 168 | 146.8 | 22043 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10386 | 168 | 147.5 | 22268 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10285 | 168 | 153.1 | 23555 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10292 | 168 | 152.2 | 23542 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10224 | 168 | 150.4 | 22894 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10291 | 168 | 150.4 | 22925 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10221 | 168 | 156.9 | 24671 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10116 | 168 | 155.1 | 24130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10209 | 168 | 150.3 | 22844 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10191 | 168 | 135.9 | 19805 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10261 | 168 | 149.0 | 22638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10186 | 168 | 148.8 | 22572 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10140 | 168 | 153.0 | 23696 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 9991 | 24 | 157.0 | 24689 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10209 | 143 | 147.6 | 22723 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1995 |
| 10275 | 168 | 151.0 | 23377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10299 | 168 | 145.7 | 21664 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10273 | 168 | 155.1 | 24156 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10303 | 135 | 154.6 | 24576 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1995 |
| 10305 | 168 | 157.8 | 24968 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10266 | 168 | 153.2 | 23708 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10478 | 141 | 141.0 | 20822 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 12129 | 21 | 66.5 | 4725 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1995 |
| 10292 | 168 | 139.5 | 20477 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10243 | 168 | 145.9 | 21997 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10381 | 168 | 140.1 | 20763 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10338 | 168 | 153.0 | 23685 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10403 | 168 | 139.2 | 20712 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10383 | 168 | 156.8 | 24669 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10301 | 168 | 148.9 | 22482 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10363 | 168 | 150.8 | 23205 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10393 | 168 | 148.5 | 22737 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10683 | 168 | 148.1 | 22373 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10575 | 168 | 137.1 | 19965 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10298 | 168 | 141.5 | 20761 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10378 | 168 | 142.3 | 20901 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10262 | 168 | 147.6 | 22211 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10241 | 168 | 148.9 | 22801 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |

Data Base for SMITH 1 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10299 | 168 | 150.3 | 23124 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10264 | 168 | 144.0 | 21376 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10507 | 24 | 132.1 | 18885 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |

Data Base for SMITH 1 Target Heat Rate Equation

| | |
|---|---|
| HR | Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH. |
| HOUR | Number of hours the unit was synchronized during the week. |
| AMW | Average load on the unit, in MW. |
| LSRF | Load square range factor, in MW^2. |
| JAN to NOV | The number 1 indicates the month of the observation. All 0's indicate December. |
| NS | Number of unit start ups during the week after being shut down for 24 hours or more. |
| YEAR | The year of the observation. |
| * | Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval. |

Data Base for SMITH 2 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * 16330 | 13 | 45.6 | 2327 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1993 |
| 9965 | 168 | 184.8 | 34711 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| * 48555 | 3 | 21.3 | 827 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10001 | 151 | 175.5 | 31721 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10725 | 88 | 168.8 | 30117 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10721 | 168 | 185.8 | 34610 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10773 | 168 | 186.5 | 34838 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10684 | 168 | 186.2 | 34717 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10754 | 37 | 144.8 | 23920 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10314 | 126 | 161.0 | 27156 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10144 | 168 | 168.7 | 29652 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10016 | 33 | 170.0 | 29530 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10343 | 100 | 152.8 | 26198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1993 |
| 10071 | 168 | 170.1 | 29827 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10096 | 168 | 177.1 | 31927 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10189 | 168 | 182.5 | 33523 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10118 | 168 | 182.0 | 33385 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| 10109 | 168 | 170.0 | 30134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10412 | 152 | 168.0 | 29587 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10022 | 168 | 176.8 | 31826 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10066 | 168 | 178.5 | 32426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10257 | 24 | 175.5 | 31410 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10285 | 168 | 170.8 | 29966 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10228 | 168 | 172.7 | 30613 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10246 | 168 | 180.4 | 32926 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10290 | 168 | 169.0 | 29624 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10408 | 168 | 179.0 | 32670 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10477 | 168 | 176.8 | 31863 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10459 | 168 | 181.0 | 33063 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10358 | 168 | 169.9 | 29777 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10387 | 158 | 154.8 | 26107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10635 | 100 | 122.2 | 17258 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| 10728 | 168 | 106.1 | 13450 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10788 | 168 | 97.1 | 10835 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| 10522 | 168 | 167.0 | 29059 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10363 | 168 | 172.4 | 30458 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10374 | 168 | 182.5 | 33459 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10217 | 168 | 170.5 | 29699 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10373 | 168 | 174.7 | 31185 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10354 | 168 | 164.3 | 28013 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10295 | 168 | 176.6 | 31738 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10316 | 168 | 168.5 | 29067 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10302 | 168 | 172.7 | 30648 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10428 | 12 | 111.4 | 14187 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10595 | 139 | 162.6 | 27648 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10392 | 168 | 172.2 | 30389 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10420 | 167 | 179.4 | 32553 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |

Data Base for SMITH 2 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10450 | 168 | 177.7 | 32097 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10435 | 168 | 173.3 | 30774 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10476 | 168 | 179.9 | 32659 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10502 | 168 | 178.3 | 32230 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10504 | 168 | 178.7 | 32304 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10555 | 168 | 168.3 | 29348 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10269 | 168 | 161.2 | 27916 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10258 | 139 | 165.5 | 28932 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10459 | 168 | 169.9 | 29861 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10670 | 168 | 165.5 | 28736 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10437 | 168 | 163.3 | 28171 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10482 | 168 | 166.5 | 29039 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10432 | 168 | 146.4 | 24043 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10468 | 168 | 154.0 | 26029 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10526 | 168 | 162.1 | 27784 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10472 | 135 | 154.9 | 26140 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10507 | 168 | 156.6 | 26531 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10491 | 168 | 160.1 | 27229 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10615 | 168 | 159.9 | 27245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10387 | 168 | 157.5 | 26571 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10694 | 168 | 158.6 | 26713 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| 10362 | 168 | 138.8 | 21574 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10308 | 168 | 144.7 | 23433 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10360 | 168 | 141.0 | 22259 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10427 | 168 | 149.5 | 24504 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10318 | 24 | 154.5 | 25890 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10514 | 168 | 144.6 | 22915 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10573 | 168 | 144.9 | 22992 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10464 | 168 | 136.1 | 20768 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10487 | 168 | 132.2 | 19351 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10424 | 169 | 144.8 | 23109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10311 | 168 | 151.7 | 25340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10253 | 168 | 142.6 | 22710 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10232 | 168 | 129.8 | 19059 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10346 | 133 | 127.2 | 18706 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10504 | 118 | 136.6 | 21154 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 10409 | 132 | 132.2 | 19823 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10299 | 116 | 180.2 | 33326 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10205 | 168 | 174.0 | 31197 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10420 | 168 | 182.4 | 33444 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10520 | 168 | 183.8 | 34015 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10407 | 168 | 168.3 | 29343 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10427 | 168 | 178.4 | 32422 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10216 | 167 | 162.5 | 27914 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10492 | 115 | 156.0 | 26398 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10134 | 168 | 162.1 | 27418 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10165 | 168 | 171.3 | 30367 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |

Data Base for SMITH 2 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NC | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10356 | 168 | 174.9 | 31060 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10363 | 168 | 174.5 | 31111 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10573 | 140 | 165.8 | 28879 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10363 | 168 | 169.8 | 29964 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10313 | 168 | 170.9 | 30102 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10368 | 168 | 165.8 | 28951 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10314 | 168 | 170.6 | 30259 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10251 | 168 | 178.4 | 32396 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10308 | 168 | 167.3 | 29330 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10458 | 168 | 173.8 | 31175 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10377 | 168 | 186.7 | 34930 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10420 | 168 | 187.8 | 35296 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10296 | 168 | 183.2 | 33885 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10194 | 168 | 188.8 | 35638 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10343 | 168 | 165.3 | 28604 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10505 | 168 | 170.1 | 29969 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10466 | 168 | 178.9 | 32481 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10551 | 167 | 176.7 | 32050 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10614 | 78 | 159.6 | 27520 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1995 |
| 10624 | 145 | 160.0 | 27267 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10533 | 141 | 178.4 | 32615 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1995 |
| 10221 | 168 | 178.6 | 32247 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10293 | 168 | 174.2 | 31043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| 10293 | 165 | 149.2 | 24927 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10223 | 142 | 171.2 | 30647 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1995 |
| 10171 | 168 | 169.5 | 29989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10608 | 77 | 158.8 | 27608 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1995 |
| 10320 | 168 | 172.9 | 31063 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10281 | 168 | 170.6 | 29973 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10240 | 145 | 172.8 | 30948 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10236 | 146 | 135.6 | 19238 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10027 | 23 | 125.5 | 16417 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10234 | 167 | 171.5 | 30477 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1995 |
| 10398 | 168 | 155.4 | 26034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10251 | 168 | 181.4 | 33257 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10347 | 168 | 158.7 | 27170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10369 | 148 | 166.0 | 29046 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10398 | 139 | 163.5 | 28542 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10298 | 168 | 171.8 | 30253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10361 | 168 | 155.4 | 26356 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10631 | 168 | 182.5 | 33556 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10586 | 168 | 168.2 | 29153 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10544 | 168 | 172.6 | 30801 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10315 | 168 | 169.2 | 29964 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10389 | 168 | 167.4 | 29119 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10440 | 131 | 143.1 | 23005 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1996 |
| 10350 | 168 | 159.2 | 27076 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |

Data Base for SMITH 2 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10289 | 168 | 158.6 | 26722 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10286 | 168 | 171.7 | 30339 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10476 | 15 | 161.2 | 28329 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 11576 | 16 | 135.8 | 20555 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1996 |
| 10616 | 168 | 157.5 | 26608 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10789 | 24 | 141.4 | 22272 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |

Data Base for SMITH 2 Target Heat Rate Equation

| | |
|---|---|
| HR | Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH. |
| HOUR | Number of hours the unit was synchronized during the week. |
| AMW | Average load on the unit, in MW. |
| LSRF | Load square range factor, in MW^2. |
| JAN to NOV | The number 1 indicates the month of the observation. All 0's indicate December. |
| NS | Number of unit start ups during the week after being shut down for 24 hours or more. |
| YEAR | The year of the observation. |
| * | Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval. |

Data Base for DANIEL 1 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # 11897 | 41 | 156.9 | 25345 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| # 10282 | 168 | 222.4 | 59260 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10567 | 120 | 350.3 | 126761 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| # 10142 | 168 | 420.1 | 177048 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10581 | 168 | 381.5 | 150390 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 11151 | 168 | 279.4 | 95480 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 7617 | 144 | 374.3 | 148093 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10526 | 42 | 344.4 | 143836 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| # 10473 | 164 | 270.5 | 94529 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10356 | 168 | 234.7 | 73480 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10510 | 109 | 207.1 | 54938 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1993 |
| # 10347 | 168 | 284.5 | 105581 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10420 | 160 | 274.4 | 100418 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10081 | 167 | 290.4 | 112566 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10179 | 168 | 327.8 | 136129 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10261 | 145 | 301.3 | 116996 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10018 | 168 | 291.1 | 107666 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10211 | 167 | 308.9 | 122262 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10205 | 168 | 322.2 | 131820 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10111 | 168 | 316.3 | 127017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10115 | 168 | 277.3 | 97072 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| # 10143 | 168 | 321.7 | 128796 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| # 10300 | 109 | 315.0 | 124442 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1993 |
| # 10039 | 168 | 316.7 | 126832 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10629 | 11 | 165.5 | 30801 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10526 | 137 | 226.4 | 64132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1993 |
| 11163 | 45 | 189.6 | 43955 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1993 |
| 10379 | 105 | 242.2 | 75192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1993 |
| 10886 | 107 | 162.8 | 27446 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1993 |
| 10092 | 168 | 267.3 | 83672 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 9862 | 168 | 373.8 | 156200 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 9968 | 168 | 296.3 | 100772 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10120 | 168 | 405.8 | 166334 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10096 | 168 | 407.6 | 167534 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10040 | 168 | 427.2 | 182517 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 9975 | 23 | 378.3 | 149905 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10061 | 76 | 354.9 | 136534 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| # 10357 | 154 | 336.1 | 119122 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10222 | 168 | 390.1 | 154336 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10048 | 168 | 430.3 | 185999 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 9573 | 168 | 390.3 | 164160 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 9945 | 168 | 311.6 | 118556 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10517 | 168 | 266.5 | 90096 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10362 | 168 | 262.2 | 86434 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10549 | 168 | 253.2 | 79757 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10484 | 168 | 252.4 | 80410 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10483 | 168 | 264.7 | 91410 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |

Data Base for DANIEL 1 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # 10352 | 168 | 249.1 | 80963 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10662 | 168 | 198.5 | 48416 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10718 | 168 | 207.3 | 55575 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10965 | 168 | 182.6 | 37478 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10324 | 131 | 286.8 | 105546 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1994 |
| # 10426 | 168 | 258.9 | 83486 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10031 | 168 | 348.4 | 141102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 10090 | 168 | 378.0 | 161966 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 10469 | 168 | 357.4 | 146750 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 10141 | 168 | 344.6 | 138508 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 10222 | 168 | 355.3 | 145979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 10314 | 167 | 331.0 | 126090 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| # 10188 | 168 | 383.3 | 163103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| # 10420 | 113 | 355.6 | 141720 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| # 10412 | 81 | 392.6 | 170141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1994 |
| # 9783 | 24 | 453.9 | 211989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10439 | 168 | 361.3 | 136823 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10432 | 168 | 360.0 | 136510 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10432 | 168 | 376.4 | 146110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10591 | 47 | 346.3 | 127218 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10395 | 114 | 383.6 | 152056 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1994 |
| 10249 | 168 | 379.0 | 147266 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10381 | 168 | 381.0 | 149407 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10402 | 168 | 394.1 | 158400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10354 | 87 | 408.9 | 170394 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10732 | 116 | 299.3 | 100057 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10631 | 168 | 268.9 | 81034 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10393 | 168 | 381.9 | 149822 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10499 | 168 | 354.3 | 130013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10551 | 168 | 324.7 | 114119 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10857 | 117 | 382.5 | 152144 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10574 | 168 | 351.8 | 129906 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10516 | 168 | 330.0 | 115432 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10497 | 168 | 346.2 | 122924 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10479 | 121 | 369.7 | 142764 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10898 | 64 | 315.8 | 102049 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10695 | 83 | 332.5 | 114012 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10491 | 168 | 352.8 | 128577 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10490 | 167 | 344.3 | 125972 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10709 | 124 | 354.6 | 135572 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| # 10481 | 168 | 367.1 | 147493 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10760 | 168 | 376.0 | 151333 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10717 | 168 | 287.3 | 95512 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10501 | 72 | 233.1 | 61578 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10501 | 112 | 312.9 | 118164 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| # 11013 | 168 | 200.0 | 50198 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10876 | 168 | 354.0 | 137119 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |

Data Base for DANIEL 1 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # 10642 | 168 | 266.5 | 86931 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 11099 | 111 | 210.2 | 56650 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10855 | 137 | 242.1 | 73812 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| # 10842 | 168 | 251.5 | 79744 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 11199 | 104 | 228.5 | 66236 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1995 |
| # 10476 | 168 | 331.6 | 135731 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10493 | 168 | 324.8 | 125628 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10571 | 168 | 350.8 | 143158 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10328 | 142 | 404.6 | 175558 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 11109 | 93 | 284.0 | 102242 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1995 |
| # 10367 | 168 | 365.4 | 155265 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10450 | 168 | 345.3 | 144231 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10515 | 163 | 318.5 | 127649 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10795 | 110 | 257.2 | 83804 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1995 |
| # 10543 | 168 | 288.1 | 101394 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| # 10630 | 144 | 278.1 | 95227 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 11177 | 127 | 317.0 | 114051 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10388 | 168 | 343.4 | 124341 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11074 | 168 | 269.8 | 82535 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10518 | 166 | 370.8 | 145008 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10350 | 64 | 300.8 | 101753 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10671 | 105 | 331.8 | 125509 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1996 |
| 10342 | 168 | 394.1 | 166850 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10415 | 167 | 330.6 | 119581 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10503 | 142 | 357.6 | 143590 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1996 |
| 10399 | 168 | 349.1 | 136493 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10251 | 168 | 366.1 | 148093 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10324 | 168 | 408.9 | 174215 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10392 | 153 | 426.0 | 189758 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10283 | 168 | 423.3 | 186093 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10329 | 168 | 393.2 | 156573 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 10191 | 24 | 388.5 | 151716 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |

Data Base for DANIEL 1 Target Heat Rate Equation

| | |
|---|---|
| HR | Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH. |
| HOUR | Number of hours the unit was synchronized during the week. |
| AMW | Average load on the unit, in MW. |
| LSRF | Load square range factor, in MW^2. |
| JAN to NOV | The number 1 indicates the month of the observation. All 0's indicate December. |
| NS | Number of unit start ups during the week after being shut down for 24 hours or more. |
| YEAR | The year of the observation. |
| * | Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval. |
| # | Indicates data points removed from the analysis of the target heat rate equation because they were from the summer periods. |

Data Base for DANIEL 2 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # 10122 | 167 | 253.3 | 84964 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10545 | 168 | 181.8 | 38902 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10169 | 168 | 231.0 | 64426 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 9991 | 167 | 280.5 | 104314 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 9648 | 168 | 327.3 | 138364 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 9580 | 168 | 369.5 | 163797 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10294 | 168 | 232.8 | 72455 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10948 | 168 | 159.8 | 26309 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10675 | 168 | 190.5 | 44569 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10093 | 160 | 295.3 | 112190 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10215 | 168 | 286.0 | 105944 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10586 | 168 | 262.1 | 87621 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10975 | 168 | 223.0 | 65231 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10495 | 168 | 316.4 | 123805 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10156 | 168 | 310.7 | 124835 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 9837 | 168 | 351.0 | 152563 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10095 | 168 | 340.0 | 145363 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1993 |
| # 10087 | 168 | 323.4 | 132357 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 9890 | 168 | 313.9 | 124037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10056 | 168 | 325.4 | 134004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10258 | 166 | 324.3 | 134481 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10257 | 168 | 324.9 | 131237 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1993 |
| # 10451 | 85 | 294.9 | 113085 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| # 10997 | 20 | 300.0 | 113348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1993 |
| # 10064 | 168 | 313.6 | 124514 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| # 10271 | 168 | 334.3 | 138915 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| # 10357 | 24 | 312.5 | 121950 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1993 |
| 10093 | 168 | 330.3 | 134791 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 9957 | 168 | 310.8 | 118560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 9959 | 168 | 333.1 | 134635 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 11139 | 41 | 159.4 | 26285 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1993 |
| 10424 | 107 | 233.0 | 67469 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1993 |
| 10102 | 71 | 379.9 | 169841 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 9820 | 22 | 269.9 | 85801 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 9965 | 167 | 364.1 | 135503 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| 9895 | 168 | 423.3 | 179245 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 9977 | 167 | 408.2 | 169741 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 9955 | 167 | 423.8 | 179662 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10059 | 168 | 420.6 | 177116 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 9973 | 168 | 422.7 | 178764 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 9909 | 168 | 432.0 | 187246 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 9307 | 168 | 412.6 | 180511 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 9749 | 167 | 345.8 | 142954 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10218 | 168 | 293.1 | 105268 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10009 | 101 | 321.6 | 128769 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| # 10667 | 59 | 253.2 | 81277 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1994 |
| # 10151 | 168 | 280.4 | 99429 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |

Data Base for DANIEL 2 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # 10349 | 168 | 286.0 | 106073 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10140 | 168 | 276.9 | 97922 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10080 | 168 | 291.6 | 90683 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10145 | 168 | 285.7 | 90395 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 11937 | 108 | 216.1 | 52940 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1994 |
| # 9514 | 168 | 310.3 | 120378 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 10750 | 168 | 311.3 | 112002 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1994 |
| # 8489 | 168 | 382.2 | 158118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 10196 | 120 | 384.9 | 165371 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1994 |
| # 10112 | 168 | 410.7 | 181515 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 9933 | 168 | 394.8 | 168314 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 10050 | 168 | 402.6 | 174643 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1994 |
| # 9973 | 168 | 361.0 | 141289 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| # 10172 | 168 | 385.5 | 161130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| # 10130 | 168 | 375.2 | 151753 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| # 10081 | 168 | 388.1 | 165912 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| # 9747 | 24 | 446.4 | 205732 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1994 |
| 10228 | 168 | 357.3 | 133663 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10273 | 146 | 341.4 | 124803 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1994 |
| 10245 | 130 | 385.5 | 153999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1994 |
| 10011 | 168 | 398.9 | 161501 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10086 | 168 | 393.3 | 157758 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1994 |
| 10159 | 168 | 399.6 | 161996 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10053 | 168 | 418.7 | 175682 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10073 | 168 | 419.9 | 176741 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10106 | 168 | 402.5 | 164397 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 |
| 10204 | 168 | 336.3 | 121187 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10563 | 85 | 252.3 | 69985 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10362 | 116 | 342.6 | 123305 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10235 | 168 | 360.3 | 137601 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 9599 | 168 | 393.0 | 162575 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10389 | 168 | 377.9 | 148025 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10346 | 168 | 350.8 | 129436 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10420 | 168 | 362.4 | 133587 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10350 | 113 | 390.0 | 155398 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 13189 | 13 | 196.5 | 41243 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10338 | 168 | 356.7 | 128281 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10326 | 168 | 350.0 | 127395 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10275 | 167 | 356.0 | 131239 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10341 | 168 | 366.4 | 138261 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 9930 | 168 | 372.1 | 152985 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10383 | 168 | 378.7 | 148296 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10335 | 168 | 320.9 | 115784 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10316 | 168 | 314.6 | 114466 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10245 | 168 | 343.2 | 141604 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 11003 | 114 | 209.0 | 56761 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| # 10591 | 168 | 366.0 | 140614 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |

Data Base for DANIEL 2 Target Heat Rate Equation

| HR | HOUR | AMW | LSRF | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | NS | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # 10309 | 168 | 305.4 | 113248 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10664 | 111 | 237.6 | 73445 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10897 | 70 | 250.2 | 78758 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1995 |
| # 10464 | 168 | 275.9 | 94821 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10944 | 102 | 231.2 | 68264 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1995 |
| # 10235 | 168 | 346.5 | 147412 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10202 | 168 | 344.6 | 140726 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10192 | 168 | 359.6 | 153115 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1995 |
| # 10445 | 168 | 291.4 | 107731 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10536 | 168 | 299.6 | 110824 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10155 | 168 | 388.2 | 173186 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10321 | 168 | 354.3 | 151498 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10305 | 168 | 330.4 | 135270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1995 |
| # 10693 | 168 | 267.4 | 89350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| # 10361 | 167 | 294.6 | 106082 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| # 10415 | 168 | 280.9 | 95840 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| # 10840 | 128 | 202.1 | 50229 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1995 |
| 10479 | 54 | 358.0 | 134863 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1995 |
| 10642 | 168 | 335.2 | 122735 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10302 | 168 | 377.2 | 147787 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1995 |
| 10695 | 169 | 286.2 | 94553 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 11227 | 168 | 204.1 | 47484 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10828 | 168 | 242.2 | 68355 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10458 | 168 | 307.4 | 105084 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10366 | 168 | 367.5 | 141022 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1995 |
| 10703 | 109 | 349.8 | 134300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1995 |
| 10298 | 168 | 398.6 | 163507 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10260 | 168 | 367.6 | 143481 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 10361 | 168 | 369.7 | 141518 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 11156 | 144 | 240.6 | 66072 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 |
| 45511 | 12 | 33.5 | 1183 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1996 |

Data Base for DANIEL 2 Target Heat Rate Equation

| | |
|---|---|
| HR | Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH. |
| HOUR | Number of hours the unit was synchronized during the week. |
| AMW | Average load on the unit, in MW. |
| LSRF | Load square range factor, in MW^2. |
| JAN to NOV | The number 1 indicates the month of the observation. All 0's indicate December. |
| NS | Number of unit start ups during the week after being shut down for 24 hours or more. |
| YEAR | The year of the observation. |
| * | Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval. |
| # | Indicates data points removed from the analysis of the target heat rate equation because they were from the summer periods. |

Calculation of
Target Average Net Operating Heat Rates
for October 1996 - March 1997

| Unit | Month | (1) Forecast AKW * 10^3 | (2) Forecast LSRF * 10^6 | (3) Forecast Monthly ANOHR | (4) Forecast AKW * 10^3 Generation | (5) Weighted ANOHR Target |
|---|---|---|---|---|---|---|
| CRIST 6 | Oct '96 | 196.0 | 44,161 | 10,514 | 140,160 | |
| | Nov '96 | 174.7 | 35,603 | 10,691 | 116,700 | |
| | Dec '96 | 164.1 | 31,440 | 10,795 | 86,990 | |
| | Jan '97 | 153.4 | 27,302 | 10,916 | 102,460 | |
| | Feb '97 | 165.5 | 31,986 | 10,781 | 106,770 | |
| | Mar '97 | 178.3 | 37,032 | 10,658 | 127,290 | 10,710 |
| CRIST 7 | Oct '96 | 332.9 | 125,775 | 10,474 | 217,400 | |
| | Nov '96 | 307.1 | 108,439 | 10,567 | 135,760 | |
| | Dec '96 | 281.0 | 91,387 | 10,684 | 183,210 | |
| | Jan '97 | 257.5 | 76,450 | 10,815 | 167,870 | |
| | Feb '97 | 282.2 | 92,160 | 10,678 | 148,420 | |
| | Mar '97 | 303.8 | 106,256 | 10,580 | 198,050 | 10,626 |
| SMITH 1 | Oct '96 | 156.1 | 24,493 | 10,171 | 113,500 | |
| | Nov '96 | 158.2 | 25,020 | 10,269 | 77,820 | |
| | Dec '96 | 149.0 | 22,733 | 10,202 | 108,190 | |
| | Jan '97 | 154.5 | 24,094 | 10,365 | 112,140 | |
| | Feb '97 | 154.7 | 24,143 | 10,316 | 97,920 | |
| | Mar '97 | 152.9 | 23,696 | 10,296 | 110,990 | 10,269 |

NOTE: Column (3) monthly ANOHR's are determined using the values from columns (1) and (2) in the target ANOHR equation on page 2 of Schedule 1.

Column (5) = $( \Sigma ((3) * (4)) ) / ( \Sigma (4) )$

Calculation of
Target Average Net Operating Heat Rates
for October 1996 - March 1997

| Unit | Month | (1) Forecast AKW * 10^3 | (2) Forecast LSRF * 10^6 | (3) Forecast Monthly ANOHR | (4) Forecast AKW * 10^3 Generation | (5) Weighted ANOHR Target |
|---|---|---|---|---|---|---|
| SMITH 2 | Oct '96 | 176.1 | 31,739 | 10,311 | 128,200 | |
| | Nov '96 | 179.7 | 32,749 | 10,302 | 88,610 | |
| | Dec '96 | 165.0 | 28,651 | 10,341 | 119,990 | |
| | Jan '97 | 174.2 | 31,207 | 10,404 | 126,620 | |
| | Feb '97 | 175.4 | 31,543 | 10,313 | 107,020 | |
| | Mar '97 | 171.1 | 30,342 | 10,431 | 124,420 | 10,354 |
| DANIEL 1 | Oct '96 | 383.4 | 153,234 | 10,348 | 179,060 | |
| | Nov '96 | 387.7 | 156,198 | 10,338 | 172,130 | |
| | Dec '96 | 349.9 | 130,912 | 10,431 | 209,590 | |
| | Jan '97 | 354.8 | 134,091 | 10,419 | 244,120 | |
| | Feb '97 | 376.5 | 148,524 | 10,366 | 175,440 | |
| | Mar '97 | 0.0 | 0 | - | 0 | 10,385 |
| DANIEL 2 | Oct '96 | 395.1 | 160,338 | 10,113 | 211,790 | |
| | Nov '96 | 396.1 | 160,970 | 10,109 | 276,470 | |
| | Dec '96 | 359.7 | 138,264 | 10,236 | 259,330 | |
| | Jan '97 | 390.8 | 157,625 | 10,127 | 227,430 | |
| | Feb '97 | 396.5 | 161,223 | 10,108 | 248,980 | |
| | Mar '97 | 382.6 | 152,477 | 10,155 | 124,740 | 10,141 |

NOTE: Column (3) monthly ANOHR's are determined using the values from columns (1) and (2) in the target ANOHR equation on page 2 of Schedule 1.

Column (5) = $( \Sigma ((3) * (4)) ) / ( \Sigma (4) )$

Summary of Target, Maximum, and Minimum
Average Net Operating Heat Rates
for October 1996 - March 1997

| Unit | Target Heat Rate BTU/KWH (0 Points) | Minimum Attainable Heat Rate (+ 10 Points) | Maximum Attainable Heat Rate (- 10 Points) |
|---|---|---|---|
| CRIST 6 | 10,710 | 10,389 | 11,031 |
| CRIST 7 | 10,626 | 10,307 | 10,945 |
| SMITH 1 | 10,269 | 9,961 | 10,577 |
| SMITH 2 | 10,354 | 10,043 | 10,665 |
| DANIEL 1 | 10,385 | 10,073 | 10,697 |
| DANIEL 2 | 10,141 | 9,837 | 10,445 |

# II. DETERMINATION OF EQUIVALENT AVAILABILITY TARGETS

Calculation of
Target Equivalent Availabilities
for October 1996 - March 1997

| Unit | 5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR | Planned Outage Hours for Oct '96 - Mar '97 | Reserve Shutdown Hours for Oct '96 - Mar '97 | Target Equivalent Availability * |
|---|---|---|---|---|
| Crist 6 | 0.0528 | 216 | 0 | 90.0 |
| Crist 7 | 0.1397 | 216 | 0 | 81.8 |
| Smith 1 | 0.0306 | 216 | 0 | 92.1 |
| Smith 2 | 0.0347 | 216 | 0 | 91.8 |
| Daniel 1 | 0.1859 | 1,104 | 0 | 60.8 |
| Daniel 2 | 0.0751 | 600 | 0 | 79.8 |

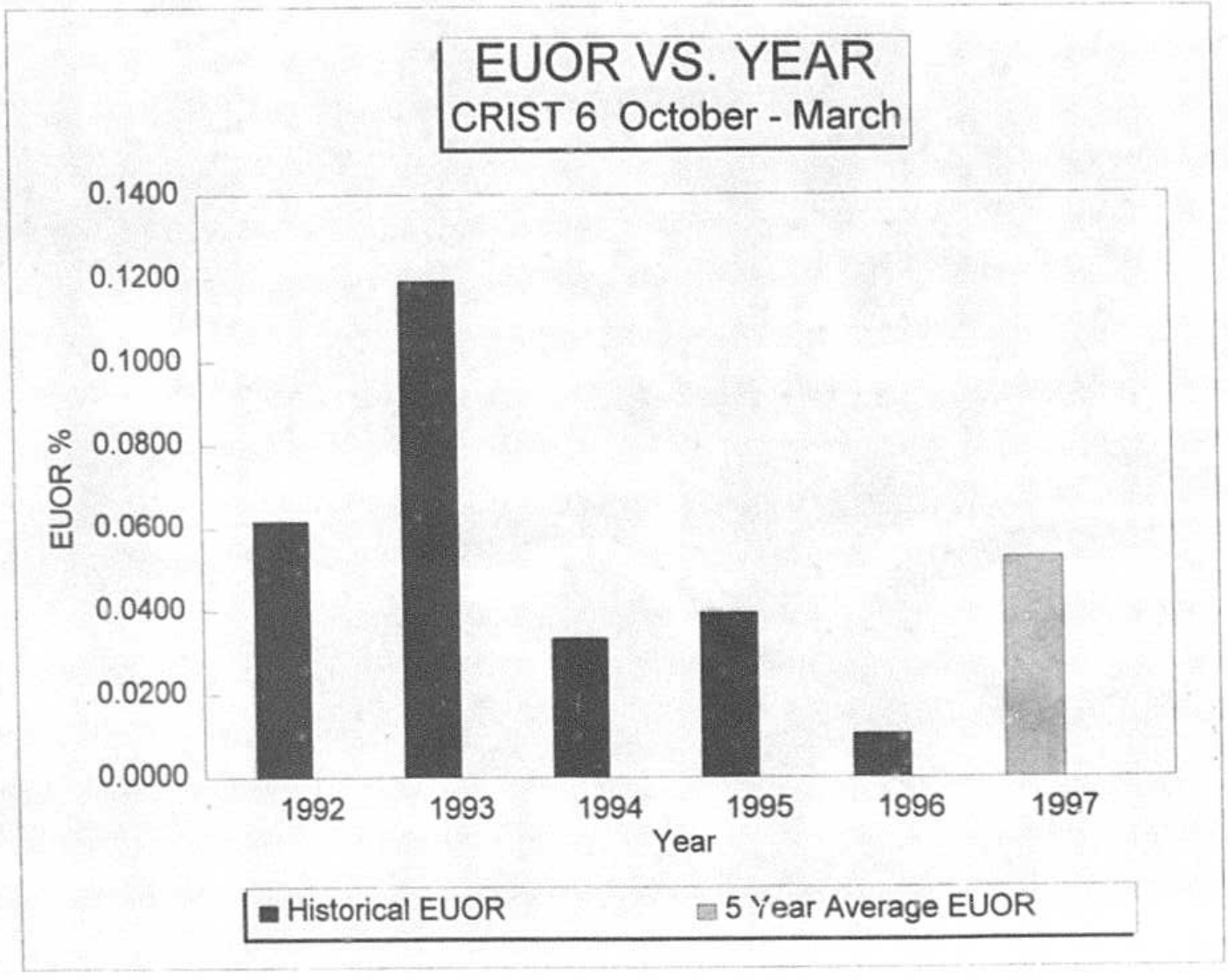
* EA = [ 1 - (POH + EUOR * (PH - POH - RSH)) / PH ] * 100

Calculation of Maximum and Minimum
Attainable Equivalent Availabilities
for October 1996 - March 1997

| Unit | 5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR (TARGET EUOR) | Minimum Attainable EUOR 70% of Target EUOR | Maximum Attainable Equivalent Availability | Maximum Attainable EUOR 145% of Target EUOR | Minimum Attainable Equivalent Availability |
|---|---|---|---|---|---|
| Crist 6 | 0.0528 | 0.0370 | 91.5 | 0.0766 | 87.8 |
| Crist 7 | 0.1397 | 0.0978 | 85.8 | 0.2026 | 75.8 |
| Smith 1 | 0.0306 | 0.0214 | 93.0 | 0.0444 | 90.8 |
| Smith 2 | 0.0347 | 0.0243 | 92.7 | 0.0503 | 90.3 |
| Daniel 1 | 0.1859 | 0.1301 | 65.0 | 0.2696 | 54.6 |
| Daniel 2 | 0.0751 | 0.0526 | 81.7 | 0.1089 | 76.9 |

Summary of Target, Maximum, and Minimum
Equivalent Availabilities
for October 1996 - March 1997

| Unit | Target Equivalent Availability (0 Points) | Maximum Attainable Equivalent Availability (+10 Points) | Minimum Attainable Equivalent Availability (-10 Points) |
|---|---|---|---|
| Crist 6 | 90.0 | 91.5 | 87.8 |
| Crist 7 | 81.8 | 85.8 | 75.8 |
| Smith 1 | 92.1 | 93.0 | 90.8 |
| Smith 2 | 91.8 | 92.7 | 90.3 |
| Daniel 1 | 60.8 | 65.0 | 54.6 |
| Daniel 2 | 79.8 | 81.7 | 76.9 |




Florida Public Service Commission
Docket No. 960001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-2)
Schedule 2
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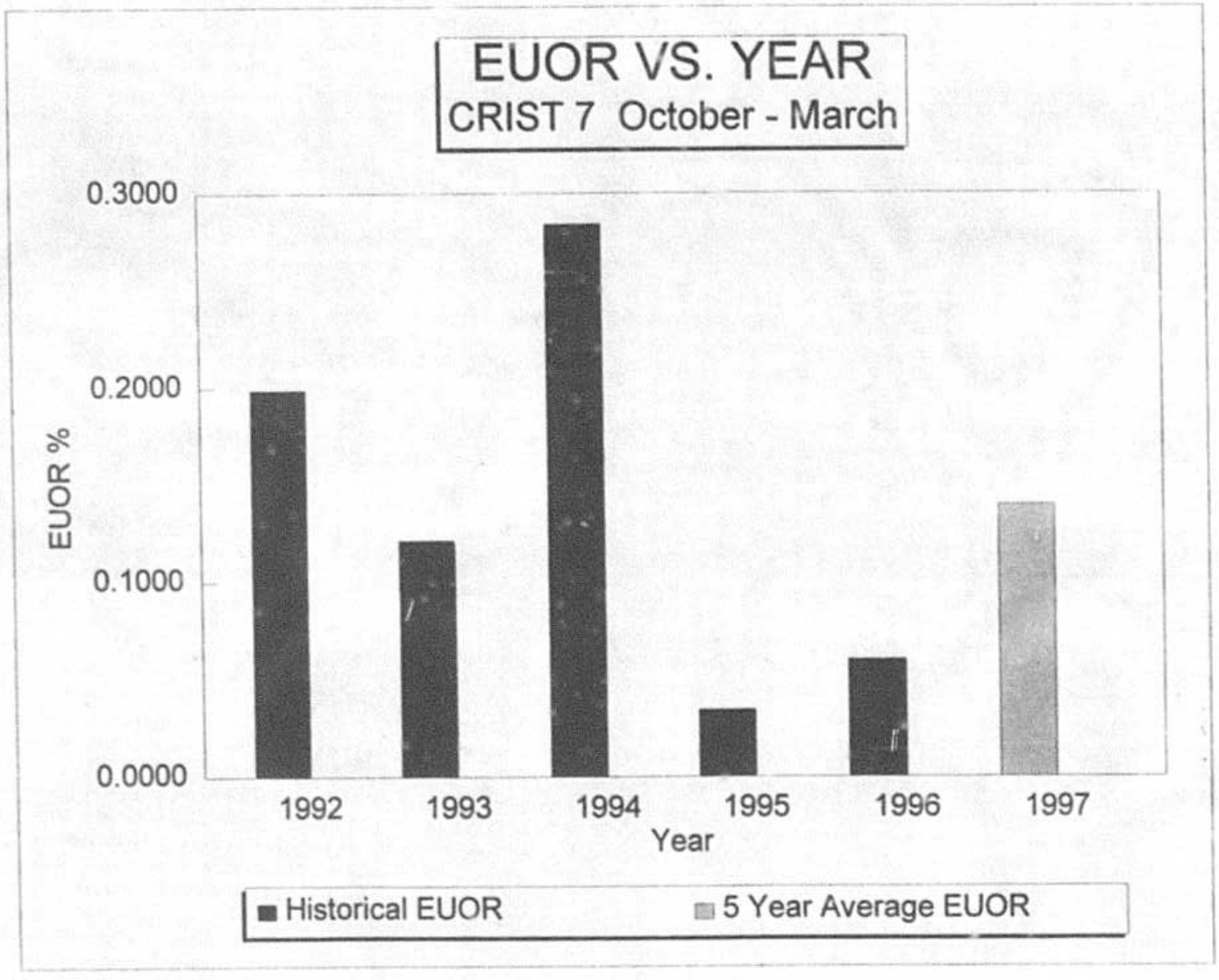


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Gulf Power Company
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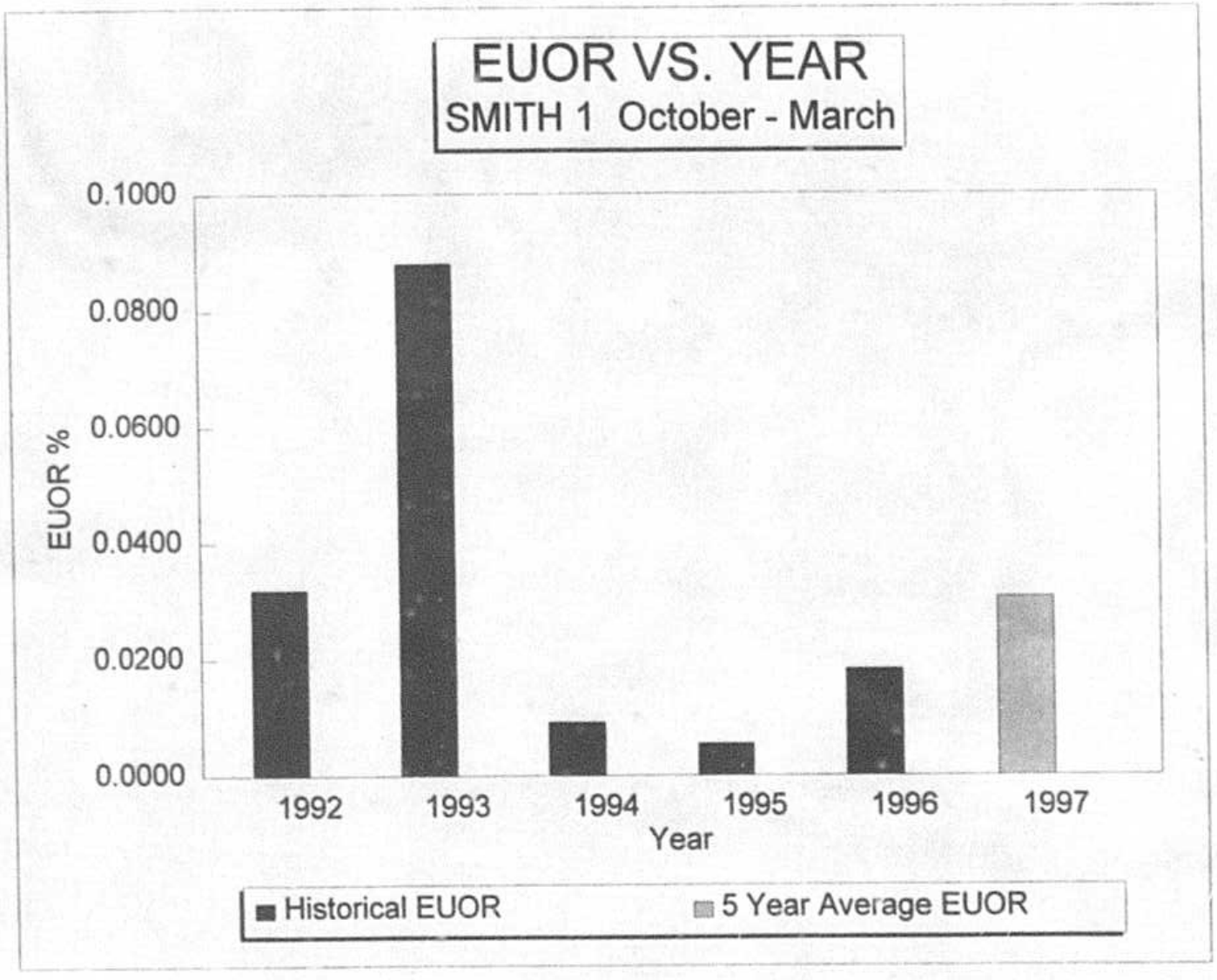


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Gulf Power Company
Witness: G. D. Fontaine
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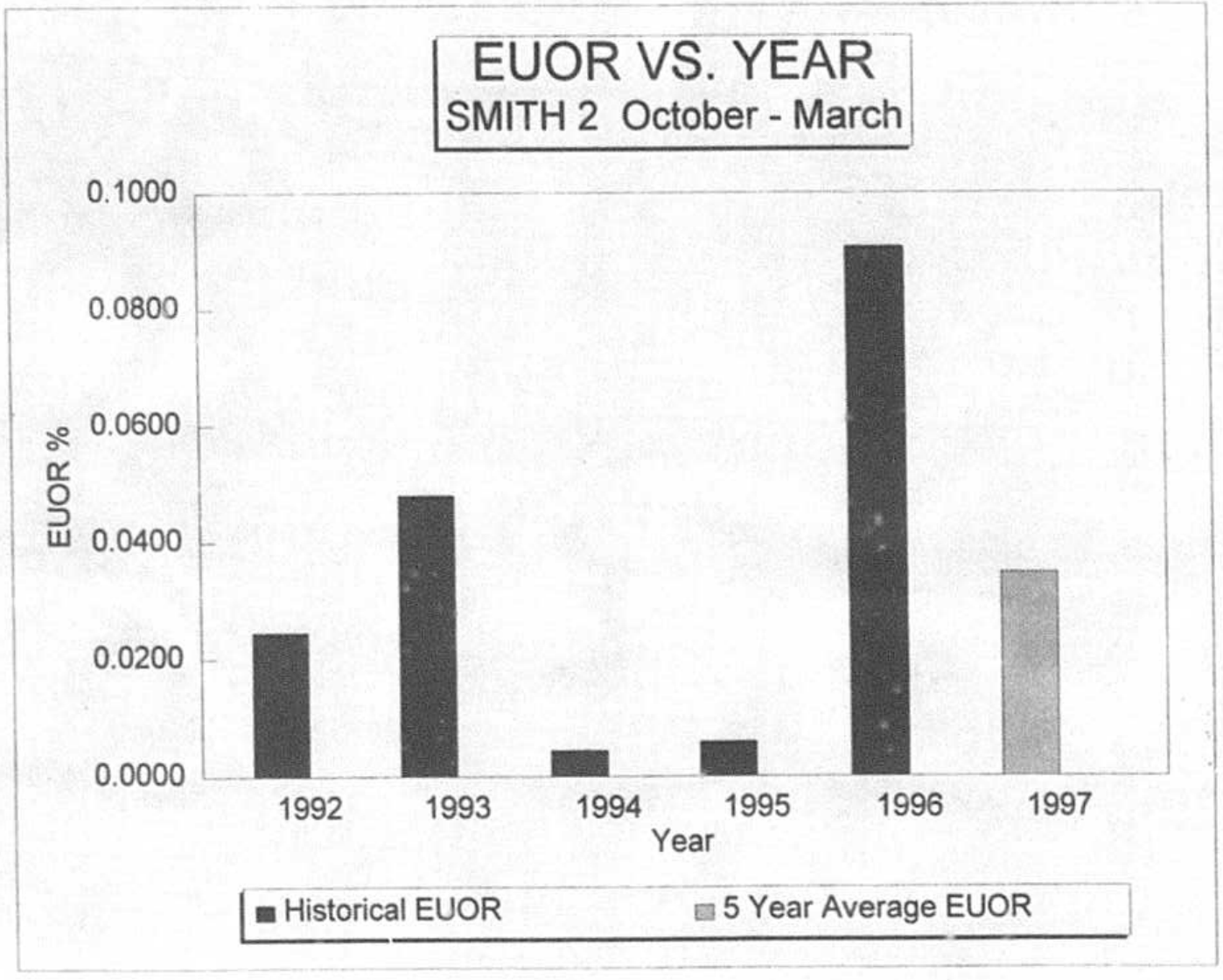


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Exhibit No. ___ (GDF-2)
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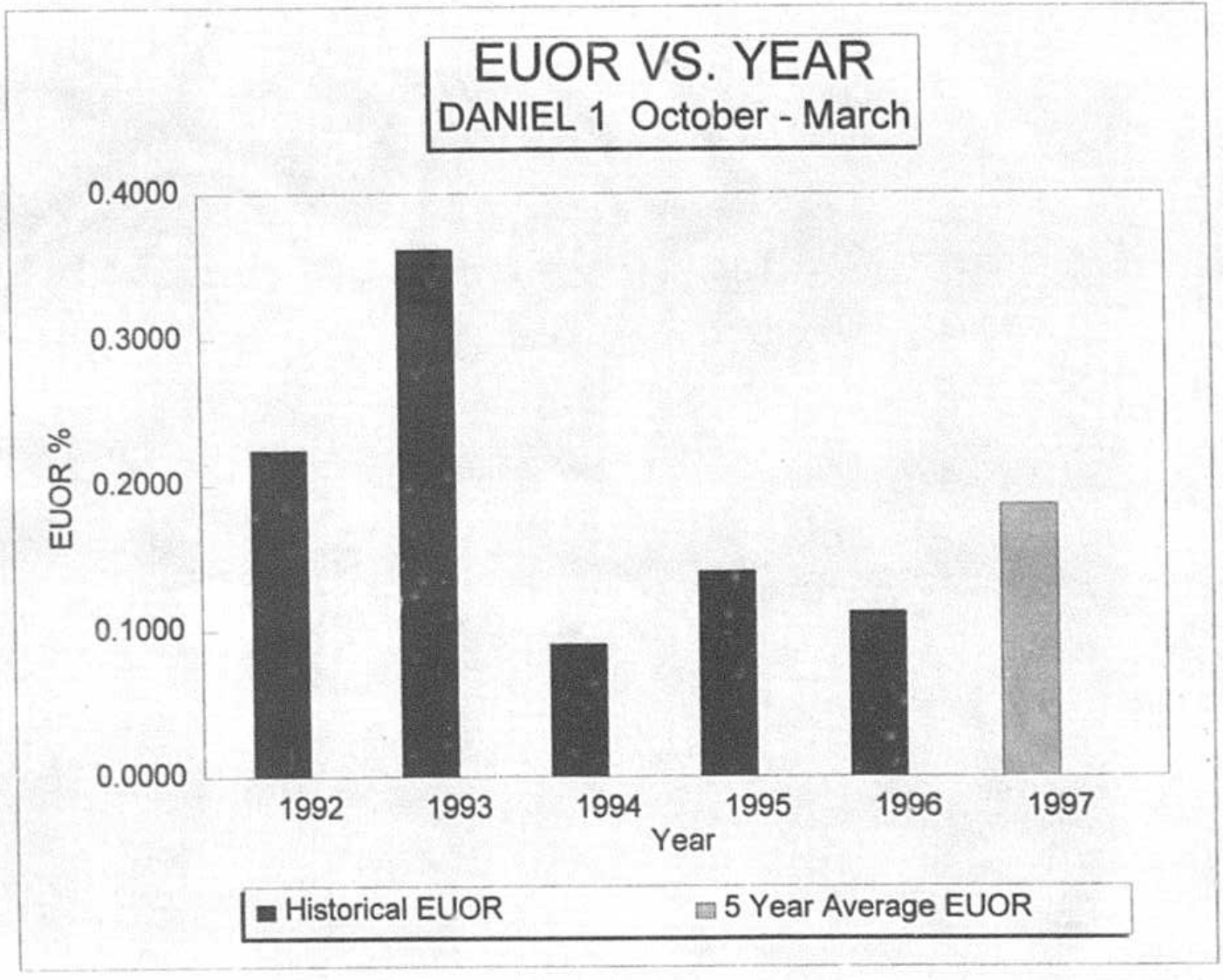


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Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-2)
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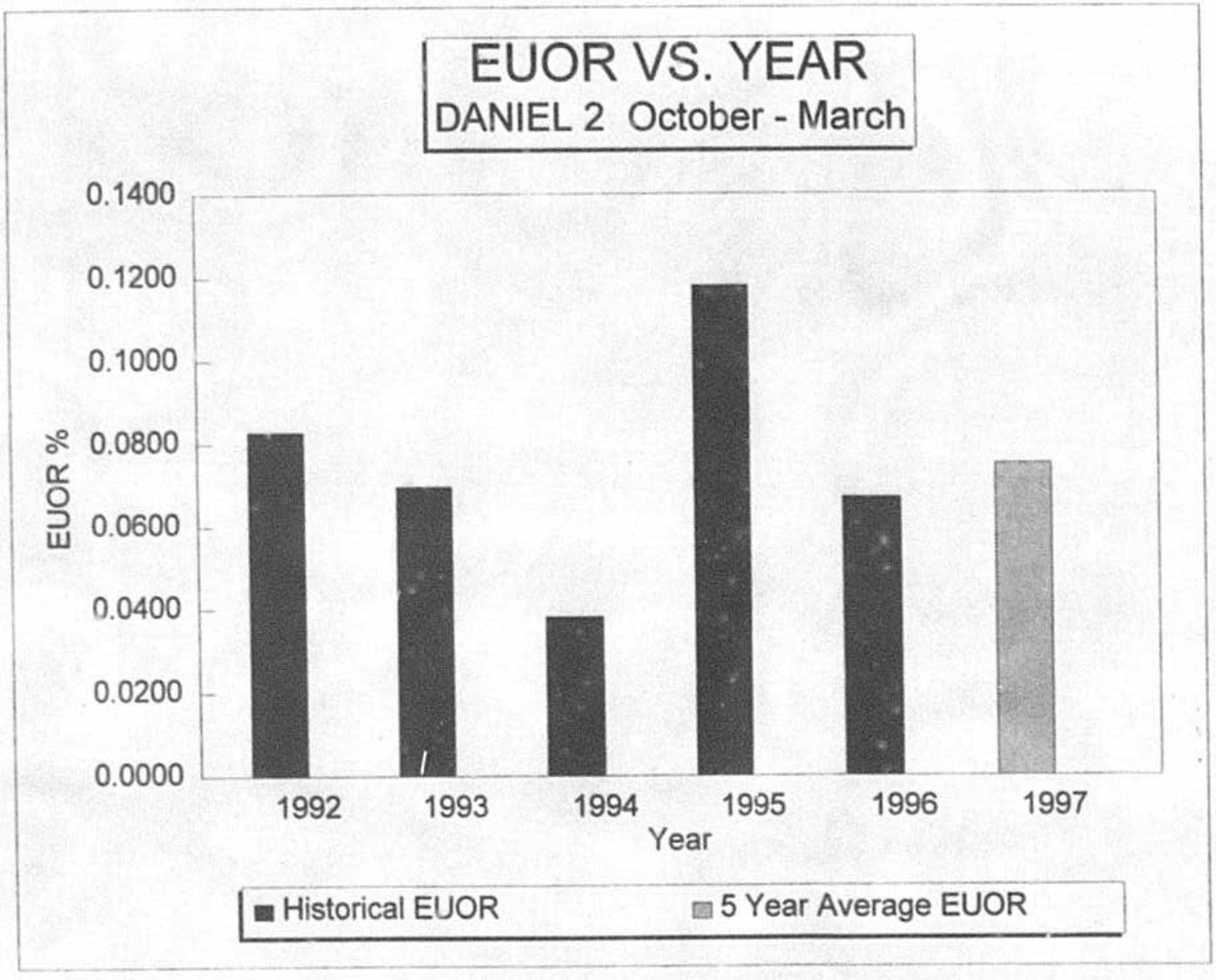


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Gulf Power Company
Witness: G. D. Fontaine
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III. GPIF MINIMUM FILING REQUIREMENTS FOR THE PERIOD OCTOBER 1996 - MARCH 1997

CONTENTS

Generating Performance Incentive Factor

Estimated Reward/Penalty Table

Gulf Power Company

Period of: October 1996 - March 1997

| Generating Performance Incentive Factor Points | Fuel Saving/Loss ($000) | Generating Performance Incentive Factor ($000) |
|---|---|---|
| | Maximum Attainable Fuel Savings | Maximum Incentive Dollars Allowed by Commission During Period (Reward) |
| + 10 | 2731 | 886 |
| + 9 | 2458 | 797 |
| + 8 | 2185 | 708 |
| + 7 | 1912 | 620 |
| + 6 | 1639 | 531 |
| + 5 | 1366 | 443 |
| + 4 | 1092 | 354 |
| + 3 | 819 | 266 |
| + 2 | 546 | 177 |
| + 1 | 273 | 89 |
| 0 | 0 | 0 |
| - 1 | -277 | -89 |
| - 2 | -553 | -177 |
| - 3 | -830 | -266 |
| - 4 | -1106 | -354 |
| - 5 | -1383 | -443 |
| - 6 | -1659 | -531 |
| - 7 | -1936 | -620 |
| - 8 | -2212 | -708 |
| - 9 | -2489 | -797 |
| - 10 | -2765 | -886 |
| | Minimum Attainable Fuel Loss | Maximum Incentive Dollars Allowed by Commission During Period (Penalty) |

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Filed: June 24, 1996
Suspended:
Effective: October 1, 1996
Docket No.: 960001-EI
Order No.:

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Estimated

Gulf Power Company

Period of: October 1996 - March 1997

| | | |
|---|---|---|
| Line 1 | Beginning of Period Balance of Common Equity | $449,187,000 |
| | End of Month Balance of Common Equity: | |
| Line 2 | Month of Oct '96 | $440,522,000 |
| Line 3 | Month of Nov '96 | $442,867,000 |
| Line 4 | Month of Dec '96 | $448,519,000 |
| Line 5 | Month of Jan '97 | $441,316,000 |
| Line 6 | Month of Feb '97 | $444,508,000 |
| Line 7 | Month of Mar '97 | $448,423,000 |
| Line 8 | Average Common Equity for the Period (sum of line 1 through line 7 divided by 7) | $445,048,857 |
| Line 9 | 25 Basis Points | 0.0025 |
| Line 10 | Revenue Expansion Factor | 60.4524% |
| Line 11 | Maximum Allowed Incentive Dollars (line 8 multiplied by line 9 divided by line 10 multiplied by 0.5) | $920,246 |
| Line 12 | Jurisdictional Sales (KWH) | 3,913,567,105 |
| Line 13 | Total Territorial Sales (KWH) | 4,066,746,026 |
| Line 14 | Jurisdictional Separation Factor (line 12 divided by line 13) | 96.2334% |
| Line 15 | Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14) | $885,584 |

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Suspended:
Effective: October 1, 1996
Docket No.: 960001-EI
Order No.:

GPIF Unit Performance Summary

Gulf Power Company

Period of: October 1996 - March 1997

| Plant & Unit | Weighting Factor % | EAF Target % | EAF Range Max % | EAF Range Min % | Max Fuel Savings ($000) | Max Fuel Loss ($000) |
|---|---|---|---|---|---|---|
| Crist 6 | 0.1% | 90.0 | 91.5 | 87.8 | $3 | ($3) |
| Crist 7 | 0.2% | 81.8 | 85.8 | 75.8 | $5 | ($7) |
| Smith 1 | 0.5% | 92.1 | 93.0 | 90.8 | $14 | ($12) |
| Smith 2 | 0.5% | 91.8 | 92.7 | 90.3 | $15 | ($14) |
| Daniel 1 | 0.8% | 60.8 | 65.0 | 54.6 | $23 | ($41) |
| Daniel 2 | 1.1% | 79.8 | 81.7 | 76.9 | $31 | ($48) |

| Plant & Unit | Weighting Factor % | ANOHR Target BTU/KWH | Target NOF | ANOHR Range Min BTU/KWH | ANOHR Range Max BTU/KWH | Max Fuel Savings ($000) | Max Fuel Loss ($000) |
|---|---|---|---|---|---|---|---|
| Crist 6 | 14.0% | 10,710 | 54.5 | 10,389 | 11,031 | $383 | ($383) |
| Crist 7 | 21.2% | 10,626 | 58.3 | 10,307 | 10,945 | $580 | ($580) |
| Smith 1 | 11.5% | 10,269 | 95.6 | 9,961 | 10,577 | $314 | ($314) |
| Smith 2 | 12.7% | 10,354 | 90.7 | 10,043 | 10,665 | $346 | ($346) |
| Daniel 1 | 15.6% | 10,385 | 74.6 | 10,073 | 10,697 | $427 | ($427) |
| Daniel 2 | 21.6% | 10,141 | 78.1 | 9,837 | 10,445 | $590 | ($590) |

Issued by: T. J. Bowden

Filed: June 24, 1996
Suspended:
Effective: October 1, 1996
Docket No.: 960001-EI
Order No.:

Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: October 1996 - March 1997

| Plant & Unit | Target Weighting Factor | Normalized Weighting Factor | Target | | | Actual Performance 1st Prior Period Oct '95 - Mar '96 | | | Actual Performance 2nd Prior Period Oct '94 - Mar '95 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | POF | EUOF | EUOR | POF | EUOF | EUOR | POF | EUOF | EUOR |
| Crist 6 | 0.1% | 3.3% | 0.0494 | 0.0501 | 0.0528 | 0.0847 | 0.0071 | 0.0103 | 0.0000 | 0.0228 | 0.0394 |
| Crist 7 | 0.2% | 5.5% | 0.0494 | 0.1328 | 0.1397 | 0.4551 | 0.0323 | 0.0598 | 0.0415 | 0.0217 | 0.0340 |
| Smith 1 | 0.5% | 15.4% | 0.0494 | 0.0291 | 0.0306 | 0.0397 | 0.0175 | 0.0182 | 0.0000 | 0.0053 | 0.0054 |
| Smith 2 | 0.5% | 16.5% | 0.0494 | 0.0330 | 0.0347 | 0.0721 | 0.0832 | 0.0908 | 0.0385 | 0.0049 | 0.0059 |
| Daniel 1 | 0.8% | 25.3% | 0.2527 | 0.1389 | 0.1859 | 0.4087 | 0.0659 | 0.1126 | 0.0000 | 0.1117 | 0.1405 |
| Daniel 2 | 1.1% | 34.1% | 0.1373 | 0.0648 | 0.0751 | 0.5062 | 0.0321 | 0.0669 | 0.0000 | 0.0921 | 0.1179 |
| Weighted GPIF System Average: | | | 0.1307 | 0.0760 | 0.0924 | 0.3215 | 0.0460 | 0.0726 | 0.0086 | 0.0632 | 0.0806 |

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: October 1996 - March 1997

| Plant & Unit | Target Weighting Factor | Normalized Weighting Factor | Actual Performance 3rd Prior Period Oct '93 - Mar '94 | | | Actual Performance 4th Prior Period Oct '92 - Mar '93 | | | Actual Performance 5th Prior Period Oct '91 - Mar '92 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | POF | EUOF | EUOR | POF | EUOF | EUOR | POF | EUOF | EUOR |
| Crist 6 | 0.1% | 3.3% | 0.1595 | 0.0259 | 0.0333 | 0.1011 | 0.1040 | 0.1194 | 0.0000 | 0.0577 | 0.0618 |
| Crist 7 | 0.2% | 5.5% | 0.1083 | 0.2535 | 0.2843 | 0.0632 | 0.1134 | 0.1217 | 0.1851 | 0.1548 | 0.1988 |
| Smith 1 | 0.5% | 15.4% | 0.3070 | 0.0052 | 0.0091 | 0.0501 | 0.0830 | 0.0882 | 0.0331 | 0.0303 | 0.0319 |
| Smith 2 | 0.5% | 16.5% | 0.0811 | 0.0038 | 0.0044 | 0.2975 | 0.0327 | 0.0480 | 0.0958 | 0.0221 | 0.0245 |
| Daniel 1 | 0.8% | 25.3% | 0.2254 | 0.0329 | 0.0907 | 0.2957 | 0.0640 | 0.3618 | 0.3484 | 0.1243 | 0.2241 |
| Daniel 2 | 1.1% | 34.1% | 0.2641 | 0.0110 | 0.0381 | 0.2337 | 0.0308 | 0.0696 | 0.3278 | 0.0422 | 0.0828 |
| Weighted GPIF System Average: | | | 0.2187 | 0.0283 | 0.0547 | 0.2179 | 0.0545 | 0.1473 | 0.2308 | 0.0645 | 0.1068 |

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Average Net Operating Heat Rate

Gulf Power Company

Period of: October 1996 - March 1997

| Plant & Unit | Target Weighting Factor | Normalized Weighting Factor | Heat Rate Target | 1st Prior Period Heat Rate Oct '95 - Mar '96 | 2nd Prior Period Heat Rate Oct '94 - Mar '95 | 3rd Prior Period Heat Rate Oct '93 - Mar '94 |
|---|---|---|---|---|---|---|
| Crist 6 | 14.0% | 14.5% | 10,710 | 10,703 | 10,660 | 10,730 |
| Crist 7 | 21.2% | 22.0% | 10,626 | 10,721 | 10,579 | 10,720 |
| Smith 1 | 11.5% | 11.9% | 10,269 | 10,302 | 10,251 | 10,260 |
| Smith 2 | 12.7% | 13.1% | 10,354 | 10,352 | 10,312 | 10,361 |
| Daniel 1 | 15.6% | 16.2% | 10,385 | 10,541 | 10,415 | 10,168 |
| Daniel 2 | 21.6% | 22.3% | 10,141 | 14,821 | 10,078 | 10,014 |
| Weighted GPIF System Average: | | | 10,413 | 11,507 | 10,378 | 10,373 |

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Example Calculation of Prior Season

Average Net Operating Heat Rate

Adjusted to Target Basis

Crist 6 Oct '94 - Mar '95

| | Oct | Nov | Dec | Jan | Feb | Mar | |
|---|---|---|---|---|---|---|---|
| 1. Target Heat Rate* | 10514 | 10691 | 10795 | 10916 | 10781 | 10658 | |
| 2. Target Heat Rate at Actual Conditions** | 10808 | 10744 | 11097 | 11139 | 11093 | 11077 | |
| 3. Adjustments to Actual Heat Rate (1-2) | -294 | -53 | -302 | -223 | -312 | -419 | |
| 4. Actual Heat Rate for Prior Period | 10789 | 10644 | 10941 | 10884 | 11162 | 11179 | |
| 5. Adjusted actual Heat Rate (4+3) | 10495 | 10591 | 10639 | 10661 | 10850 | 10760 | |
| 6. Forecast Net MWH Generation* | 140160 | 116700 | 86990 | 102460 | 106770 | 127290 | |
| 7. Adjusted Actual Heat Rate for Oct '94 - Mar '95 $= ( \Sigma ((5) * (6)) ) / ( \Sigma (6))$ | | | | | | | 10,660 |

* For the October 1996 - March 1997 time period.

** Based on the target heat rate equation from page 2 of Schedule 1 using actual rather than forecast variable values.

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Derivation of Weighting Factors

Gulf Power Company

Period of: October 1996 - March 1997

| Plant & Unit | Unit Performance Indicator | Production Cost Simulation Fuel Cost ($000) At Target (1) | At Maximum Improvement (2) | Savings (3) | Weighting Factor (% of Savings) |
|---|---|---|---|---|---|
| Crist 6 | EA-1 | $91,997 | $91,994 | $3 | 0.1% |
| Crist 6 | ANOHR-1 | $91,997 | $91,614 | $383 | 14.0% |
| Crist 7 | EA-2 | $91,997 | $91,992 | $5 | 0.2% |
| Crist 7 | ANOHR-2 | $91,997 | $91,417 | $580 | 21.2% |
| Smith 1 | EA-3 | $91,997 | $91,983 | $14 | 0.5% |
| Smith 1 | ANOHR-3 | $91,997 | $91,683 | $314 | 11.5% |
| Smith 2 | EA-4 | $91,997 | $91,982 | $15 | 0.5% |
| Smith 2 | ANOHR-4 | $91,997 | $91,651 | $346 | 12.7% |
| Daniel 1 | EA-5 | $91,997 | $91,974 | $23 | 0.8% |
| Daniel 1 | ANOHR-5 | $91,997 | $91,570 | $427 | 15.6% |
| Daniel 2 | EA-6 | $91,997 | $91,966 | $31 | 1.1% |
| Daniel 2 | ANOHR-6 | $91,997 | $91,407 | $590 | 21.6% |
| | | | | | 100.0% |

(1) Fuel Adjustment Base Case - All unit performance indicators at target.

(2) All other unit performance indicators at target.

(3) Expressed in replacement energy costs. Also includes variable operating and maintenance expense savings associated with availability improvements.

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 1997

Crist 6

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 3 | 91.50 | + 10 | 383 | 10,389 |
| + 9 | 3 | 91.35 | + 9 | 345 | 10,414 |
| + 8 | 2 | 91.20 | + 8 | 306 | 10,438 |
| + 7 | 2 | 91.05 | + 7 | 268 | 10,463 |
| + 6 | 2 | 90.90 | + 6 | 230 | 10,487 |
| + 5 | 2 | 90.75 | + 5 | 192 | 10,512 |
| + 4 | 1 | 90.60 | + 4 | 153 | 10,537 |
| + 3 | 1 | 90.45 | + 3 | 115 | 10,561 |
| + 2 | 1 | 90.30 | + 2 | 77 | 10,586 |
| + 1 | 0 | 90.15 | + 1 | 38 | 10,610 |
| | | | | 0 | 10,635 |
| 0 | 0 | 90.00 | 0 | 0 | 10,710 |
| | | | | 0 | 10,785 |
| - 1 | (0) | 89.78 | - 1 | (38) | 10,810 |
| - 2 | (1) | 89.56 | - 2 | (77) | 10,834 |
| - 3 | (1) | 89.34 | - 3 | (115) | 10,859 |
| - 4 | (1) | 89.12 | - 4 | (153) | 10,883 |
| - 5 | (2) | 88.90 | - 5 | (192) | 10,908 |
| - 6 | (2) | 88.68 | - 6 | (230) | 10,933 |
| - 7 | (2) | 88.46 | - 7 | (268) | 10,957 |
| - 8 | (2) | 88.24 | - 8 | (306) | 10,982 |
| - 9 | (3) | 88.02 | - 9 | (345) | 11,006 |
| - 10 | (3) | 87.80 | - 10 | (383) | 11,031 |
| Weighting Factor: | | 0.001 | Weighting Factor: | | 0.140 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 1997

Crist 7

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 5 | 85.80 | + 10 | 580 | 10,307 |
| + 9 | 5 | 85.40 | + 9 | 522 | 10,331 |
| + 8 | 4 | 85.00 | + 8 | 464 | 10,356 |
| + 7 | 4 | 84.60 | + 7 | 406 | 10,380 |
| + 6 | 3 | 84.20 | + 6 | 348 | 10,405 |
| + 5 | 3 | 83.80 | + 5 | 290 | 10,429 |
| + 4 | 2 | 83.40 | + 4 | 232 | 10,453 |
| + 3 | 2 | 83.00 | + 3 | 174 | 10,478 |
| + 2 | 1 | 82.60 | + 2 | 116 | 10,502 |
| + 1 | 1 | 82.20 | + 1 | 58 | 10,527 |
| | | | | 0 | 10,551 |
| 0 | 0 | 81.80 | 0 | 0 | 10,626 |
| | | | | 0 | 10,701 |
| - 1 | (1) | 81.20 | - 1 | (58) | 10,725 |
| - 2 | (1) | 80.60 | - 2 | (116) | 10,750 |
| - 3 | (2) | 80.00 | - 3 | (174) | 10,774 |
| - 4 | (3) | 79.40 | - 4 | (232) | 10,799 |
| - 5 | (4) | 78.80 | - 5 | (290) | 10,823 |
| - 6 | (4) | 78.20 | - 6 | (348) | 10,847 |
| - 7 | (5) | 77.60 | - 7 | (406) | 10,872 |
| - 8 | (6) | 77.00 | - 8 | (464) | 10,896 |
| - 9 | (6) | 76.40 | - 9 | (522) | 10,921 |
| - 10 | (7) | 75.80 | - 10 | (580) | 10,945 |
| Weighting Factor: | | 0.002 | Weighting Factor: | | 0.212 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 1997

Smith 1

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 14 | 93.00 | + 10 | 314 | 9,961 |
| + 9 | 13 | 92.91 | + 9 | 283 | 9,984 |
| + 8 | 11 | 92.82 | + 8 | 251 | 10,008 |
| + 7 | 10 | 92.73 | + 7 | 220 | 10,031 |
| + 6 | 8 | 92.64 | + 6 | 188 | 10,054 |
| + 5 | 7 | 92.55 | + 5 | 157 | 10,078 |
| + 4 | 6 | 92.46 | + 4 | 126 | 10,101 |
| + 3 | 4 | 92.37 | + 3 | 94 | 10,124 |
| + 2 | 3 | 92.28 | + 2 | 63 | 10,147 |
| + 1 | 1 | 92.19 | + 1 | 31 | 10,171 |
| | | | | 0 | 10,194 |
| 0 | 0 | 92.10 | 0 | 0 | 10,269 |
| | | | | 0 | 10,344 |
| - 1 | (1) | 91.97 | - 1 | (31) | 10,367 |
| - 2 | (2) | 91.84 | - 2 | (63) | 10,391 |
| - 3 | (4) | 91.71 | - 3 | (94) | 10,414 |
| - 4 | (5) | 91.58 | - 4 | (126) | 10,437 |
| - 5 | (6) | 91.45 | - 5 | (157) | 10,461 |
| - 6 | (7) | 91.32 | - 6 | (188) | 10,484 |
| - 7 | (8) | 91.19 | - 7 | (220) | 10,507 |
| - 8 | (10) | 91.06 | - 8 | (251) | 10,530 |
| - 9 | (11) | 90.93 | - 9 | (283) | 10,554 |
| - 10 | (12) | 90.80 | - 10 | (314) | 10,577 |
| Weighting Factor: | | 0.005 | Weighting Factor: | | 0.115 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 1997

Smith 2

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 15 | 92.70 | + 10 | 346 | 10,043 |
| + 9 | 14 | 92.61 | + 9 | 311 | 10,067 |
| + 8 | 12 | 92.52 | + 8 | 277 | 10,090 |
| + 7 | 11 | 92.43 | + 7 | 242 | 10,114 |
| + 6 | 9 | 92.34 | + 6 | 208 | 10,137 |
| + 5 | 8 | 92.25 | + 5 | 173 | 10,161 |
| + 4 | 6 | 92.16 | + 4 | 138 | 10,185 |
| + 3 | 5 | 92.07 | + 3 | 104 | 10,208 |
| + 2 | 3 | 91.98 | + 2 | 69 | 10,232 |
| + 1 | 2 | 91.89 | + 1 | 35 | 10,255 |
| | | | | 0 | 10,279 |
| 0 | 0 | 91.80 | 0 | 0 | 10,354 |
| | | | | 0 | 10,429 |
| - 1 | (1) | 91.65 | - 1 | (35) | 10,453 |
| - 2 | (3) | 91.50 | - 2 | (69) | 10,476 |
| - 3 | (4) | 91.35 | - 3 | (104) | 10,500 |
| - 4 | (6) | 91.20 | - 4 | (138) | 10,523 |
| - 5 | (7) | 91.05 | - 5 | (173) | 10,547 |
| - 6 | (8) | 90.90 | - 6 | (208) | 10,571 |
| - 7 | (10) | 90.75 | - 7 | (242) | 10,594 |
| - 8 | (11) | 90.60 | - 8 | (277) | 10,618 |
| - 9 | (13) | 90.45 | - 9 | (311) | 10,641 |
| - 10 | (14) | 90.30 | - 10 | (346) | 10,665 |
| Weighting Factor: | | 0.005 | Weighting Factor: | | 0.127 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 1997

Daniel 1

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 23 | 65.00 | + 10 | 427 | 10,073 |
| + 9 | 21 | 64.58 | + 9 | 384 | 10,097 |
| + 8 | 18 | 64.16 | + 8 | 342 | 10,120 |
| + 7 | 16 | 63.74 | + 7 | 299 | 10,144 |
| + 6 | 14 | 63.32 | + 6 | 256 | 10,168 |
| + 5 | 12 | 62.90 | + 5 | 214 | 10,192 |
| + 4 | 9 | 62.48 | + 4 | 171 | 10,215 |
| + 3 | 7 | 62.06 | + 3 | 128 | 10,239 |
| + 2 | 5 | 61.64 | + 2 | 85 | 10,263 |
| + 1 | 2 | 61.22 | + 1 | 43 | 10,286 |
| | | | | 0 | 10,310 |
| 0 | 0 | 60.80 | 0 | 0 | 10,385 |
| | | | | 0 | 10,460 |
| - 1 | (4) | 60.18 | - 1 | (43) | 10,484 |
| - 2 | (8) | 59.56 | - 2 | (85) | 10,507 |
| - 3 | (12) | 58.94 | - 3 | (128) | 10,531 |
| - 4 | (16) | 58.32 | - 4 | (171) | 10,555 |
| - 5 | (21) | 57.70 | - 5 | (214) | 10,579 |
| - 6 | (25) | 57.08 | - 6 | (256) | 10,602 |
| - 7 | (29) | 56.46 | - 7 | (299) | 10,626 |
| - 8 | (33) | 55.84 | - 8 | (342) | 10,650 |
| - 9 | (37) | 55.22 | - 9 | (384) | 10,673 |
| - 10 | (41) | 54.60 | - 10 | (427) | 10,697 |
| Weighting Factor: | | 0.008 | Weighting Factor: | | 0.156 |

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 1997

Daniel 2

| Equivalent Availability Points | Fuel Savings/ Loss ($000) | Adjusted Actual Equivalent Availability | Average Heat Rate Points | Fuel Savings/ Loss ($000) | Adjusted Actual Heat Rate |
|---|---|---|---|---|---|
| + 10 | 31 | 81.70 | + 10 | 590 | 9,837 |
| + 9 | 28 | 81.51 | + 9 | 531 | 9,860 |
| + 8 | 25 | 81.32 | + 8 | 472 | 9,883 |
| + 7 | 22 | 81.13 | + 7 | 413 | 9,906 |
| + 6 | 19 | 80.94 | + 6 | 354 | 9,929 |
| + 5 | 16 | 80.75 | + 5 | 295 | 9,952 |
| + 4 | 12 | 80.56 | + 4 | 236 | 9,974 |
| + 3 | 9 | 80.37 | + 3 | 177 | 9,997 |
| + 2 | 6 | 80.18 | + 2 | 118 | 10,020 |
| + 1 | 3 | 79.99 | + 1 | 59 | 10,043 |
| | | | | 0 | 10,066 |
| 0 | 0 | 79.80 | 0 | 0 | 10,141 |
| | | | | 0 | 10,216 |
| - 1 | (5) | 79.51 | - 1 | (59) | 10,239 |
| - 2 | (10) | 79.22 | - 2 | (118) | 10,262 |
| - 3 | (14) | 78.93 | - 3 | (177) | 10,285 |
| - 4 | (19) | 78.64 | - 4 | (236) | 10,308 |
| - 5 | (24) | 78.35 | - 5 | (295) | 10,331 |
| - 6 | (29) | 78.06 | - 6 | (354) | 10,353 |
| - 7 | (34) | 77.77 | - 7 | (413) | 10,376 |
| - 8 | (38) | 77.48 | - 8 | (472) | 10,399 |
| - 9 | (43) | 77.19 | - 9 | (531) | 10,422 |
| - 10 | (48) | 76.90 | - 10 | (590) | 10,445 |
| Weighting Factor: | | 0.011 | Weighting Factor: | | 0.216 |

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ESTIMATED UNIT PERFORMANCE DATA

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

| | CRIST 6 | Oct '96 | Nov '96 | Dec '96 | Jan '97 | Feb '97 | Mar '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 96.0 | 92.8 | 70.4 | 89.8 | 96.0 | 96.0 | 90.0 |
| 2. | POF (%) | 0.0 | 3.3 | 25.8 | 0.0 | 0.0 | 0.0 | 4.9 |
| 3. | EUOF (%) | 4.0 | 3.9 | 3.8 | 10.2 | 4.0 | 4.0 | 5.1 |
| 4. | EUOR (%) | 4.0 | 4.0 | 5.1 | 10.2 | 4.0 | 4.0 | 5.3 |
| 5. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 672.0 | 744.0 | 4369.0 |
| 6. | SH | 715.0 | 668.0 | 530.0 | 668.0 | 645.0 | 714.0 | 3940.0 |
| 7. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. | UH | 30.0 | 52.0 | 214.0 | 76.0 | 27.0 | 30.0 | 429.0 |
| 9. | POH | 0.0 | 24.0 | 192.0 | 0.0 | 0.0 | 0.0 | 216.0 |
| 10. | FOH & EFOH | 30.0 | 28.0 | 28.0 | 28.0 | 27.0 | 30.0 | 171.0 |
| 11. | MOH & EMOH | 0.0 | 0.0 | 0.0 | 48.0 | 0.0 | 0.0 | 48.0 |
| 12. | Oper MBtu | 1473642.0 | 1247640.0 | 939057.0 | 1118453.0 | 1151087.0 | 1356657.0 | 7286536.0 |
| 13. | Net Gen (MWH) | 140160.0 | 116700.0 | 86990.0 | 102460.0 | 106770.0 | 127290.0 | 680370.0 |
| 14. | ANOHR (Btu/KWH) | 10514.0 | 10691.0 | 10795.0 | 10916.0 | 10781.0 | 10658.0 | 10710.0 |
| 15. | NOF % | 61.8 | 55.1 | 51.8 | 48.4 | 52.2 | 56.2 | 54.5 |
| 16. | NPC (MW) | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ 283.63 + 41.78 * MAY + 47.50 * JUN + 71.49 * JUL + 69.47 * AUG + 53.54 * SEP ] * 9,067 | | | | | | |

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

| | CRIST 7 | Oct '96 | Nov '96 | Dec '96 | Jan '97 | Feb '97 | Mar '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 87.7 | 60.8 | 87.6 | 87.6 | 78.3 | 87.6 | 81.8 |
| 2. | POF (%) | 0.0 | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 |
| 3. | EUOF (%) | 12.3 | 9.2 | 12.4 | 12.4 | 21.7 | 12.4 | 13.3 |
| 4. | EUOR (%) | 12.3 | 13.1 | 12.4 | 12.4 | 21.7 | 12.4 | 14.0 |
| 5. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 672.0 | 744.0 | 4369.0 |
| 6. | SH | 653.0 | 442.0 | 652.0 | 652.0 | 526.0 | 652.0 | 3577.0 |
| 7. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. | UH | 92.0 | 278.0 | 92.0 | 92.0 | 146.0 | 92.0 | 792.0 |
| 9. | POH | 0.0 | 216.0 | 0.0 | 0.0 | 0.0 | 0.0 | 216.0 |
| 10. | FOH & EFOH | 92.0 | 66.0 | 92.0 | 92.0 | 74.0 | 92.0 | 508.0 |
| 11. | MOH & EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 72.0 | 0.0 | 72.0 |
| 12. | Oper MBtu | 2277048.0 | 1434576.0 | 1957416.0 | 1815514.0 | 1584829.0 | 2095369.0 | 11164752.0 |
| 13. | Net Gen (MWH) | 217400.0 | 135760.0 | 183210.0 | 167870.0 | 148420.0 | 198050.0 | 1050710.0 |
| 14. | ANOHR (Btu/KWH) | 10474.0 | 10567.0 | 10684.0 | 10815.0 | 10678.0 | 10580.0 | 10626.0 |
| 15. | NOF % | 66.1 | 60.9 | 55.8 | 51.1 | 56.0 | 60.3 | 58.3 |
| 16. | NPC (MW) | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 |
| 19. | ANOHR Equation | 10^6 / ANH * [ 715.72 + 37.42 * MAY + 72.62 * JUL + 65.08 * AUG ] + 6,979 + 0.00356 * LSRF / ANH | | | | | | |

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

| | SMITH 1 | Oct '96 | Nov '96 | Dec '96 | Jan '97 | Feb '97 | Mar '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 97.6 | 67.8 | 97.6 | 97.6 | 94.2 | 97.6 | 92.1 |
| 2. | POF (%) | 0.0 | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 |
| 3. | EUOF (%) | 2.4 | 2.2 | 2.4 | 2.4 | 5.8 | 2.4 | 3.0 |
| 4. | EUOR (%) | 2.4 | 3.2 | 2.4 | 2.4 | 5.8 | 2.4 | 3.1 |
| 5. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 672.0 | 744.0 | 4369.0 |
| 6. | SH | 727.0 | 492.0 | 726.0 | 726.0 | 633.0 | 726.0 | 4030.0 |
| 7. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. | UH | 18.0 | 228.0 | 18.0 | 18.0 | 39.0 | 18.0 | 339.0 |
| 9. | POH | 0.0 | 216.0 | 0.0 | 0.0 | 0.0 | 0.0 | 216.0 |
| 10. | FOH & EFOH | 18.0 | 16.0 | 18.0 | 18.0 | 15.0 | 18.0 | 103.0 |
| 11. | MOH & EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 | 0.0 | 24.0 |
| 12. | Oper MBtu | 1154409.0 | 799134.0 | 1103754.0 | 1162331.0 | 1010143.0 | 1142753.0 | 6372524.0 |
| 13. | Net Gen (MWH) | 113500.0 | 77820.0 | 108190.0 | 112140.0 | 97920.0 | 110990.0 | 620560.0 |
| 14. | ANOHR (Btu/KWH) | 10171.0 | 10269.0 | 10202.0 | 10365.0 | 10316.0 | 10296.0 | 10269.0 |
| 15. | NOF % | 97.0 | 98.2 | 92.6 | 95.9 | 96.1 | 95.0 | 95.6 |
| 16. | NPC (MW) | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ 102.51 + 28.97 * JAN + 21.60 * FEB + 17.09 * MAR + 16.86 * NOV ] + 9,514 | | | | | | |

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

| | SMITH 2 | Oct '96 | Nov '96 | Dec '96 | Jan '97 | Feb '97 | Mar '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 97.7 | 68.1 | 97.7 | 97.7 | 90.8 | 97.7 | 91.8 |
| 2. | POF (%) | 0.0 | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 |
| 3. | EUOF (%) | 2.3 | 1.9 | 2.3 | 2.3 | 9.2 | 2.3 | 3.3 |
| 4. | EUOR (%) | 2.3 | 2.8 | 2.3 | 2.3 | 9.2 | 2.3 | 3.5 |
| 5. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 672.0 | 744.0 | 4369.0 |
| 6. | SH | 728.0 | 493.0 | 727.0 | 727.0 | 610.0 | 727.0 | 4012.0 |
| 7. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. | UH | 17.0 | 227.0 | 17.0 | 17.0 | 62.0 | 17.0 | 357.0 |
| 9. | POH | 0.0 | 216.0 | 0.0 | 0.0 | 0.0 | 0.0 | 216.0 |
| 10. | FOH & EFOH | 17.0 | 14.0 | 17.0 | 17.0 | 14.0 | 17.0 | 96.0 |
| 11. | MOH & EMOH | 0.0 | 0.0 | 0.0 | 0.0 | 48.0 | 0.0 | 48.0 |
| 12. | Oper MBtu | 1321870.0 | 912860.0 | 1240817.0 | 1317354.0 | 1103697.0 | 1297825.0 | 7194423.0 |
| 13. | Net Gen (MWH) | 128200.0 | 88610.0 | 119990.0 | 126620.0 | 107020.0 | 124420.0 | 694860.0 |
| 14. | ANOHR (Btu/KWH) | 10311.0 | 10302.0 | 10341.0 | 10404.0 | 10313.0 | 10431.0 | 10354.0 |
| 15. | NOF % | 92.2 | 94.1 | 86.4 | 91.2 | 91.9 | 89.6 | 90.7 |
| 16. | NPC (MW) | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 |
| 19. | ANOHR Equation | 10^6 / ANW * [ 79.43 + 15.31 * JAN + 18.19 * MAR + 18.86 * APR + 33.80 * JUN - 17.79 * SEP ] + 9,860 | | | | | | |

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

| | DANIEL 1 | Oct '96 | Nov '96 | Dec '96 | Jan '97 | Feb '97 | Mar '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 62.7 | 61.7 | 80.5 | 91.7 | 69.3 | 0.0 | 60.8 |
| 2. | POF (%) | 25.8 | 0.0 | 0.0 | 0.0 | 25.0 | 100.0 | 25.3 |
| 3. | EUOF (%) | 11.5 | 38.3 | 19.5 | 8.3 | 5.7 | 0.0 | 13.9 |
| 4. | EUOR (%) | 15.6 | 38.3 | 19.5 | 8.3 | 7.5 | 0.0 | 18.6 |
| 5. | PH | 745.0 | 720.0 | 744.0 | 744.0 | 672.0 | 744.0 | 4369.0 |
| 6. | SH | 467.0 | 444.0 | 599.0 | 688.0 | 466.0 | 0.0 | 2664.0 |
| 7. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. | UH | 278.0 | 276.0 | 145.0 | 56.0 | 206.0 | 744.0 | 1705.0 |
| 9. | POH | 192.0 | 0.0 | 0.0 | 0.0 | 168.0 | 744.0 | 1104.0 |
| 10. | FOH & EFOH | 38.0 | 36.0 | 49.0 | 62.0 | 38.0 | 0.0 | 223.0 |
| 11. | MOH & EMOH | 48.0 | 240.0 | 96.0 | 0.0 | 0.0 | 0.0 | 384.0 |
| 12. | Oper MBtu | 1852913.0 | 1779480.0 | 2186233.0 | 2543486.0 | 1818611.0 | 0.0 | 10180723.0 |
| 13. | Net Gen (MWH) | 179060.0 | 172130.0 | 209590.0 | 244120.0 | 175440.0 | 0.0 | 980340.0 |
| 14. | ANOHR (Btu/KWH) | 10348.0 | 10338.0 | 10431.0 | 10419.0 | 10366.0 | - | 10385.0 |
| 15. | NOF % | 77.8 | 78.6 | 71.0 | 72.0 | 76.4 | 0.0 | 74.6 |
| 16. | NPC (MW) | 493.0 | 493.0 | 493.0 | 493.0 | 493.0 | 493.0 | 493.0 |

| | | |
|---|---|---|
| 19. | ANOHR Equation | 10^6 / ANOH * [ -198.30 ]<br>+ 12,928 - 0.00516 * LARF / ANOH |

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Planned Outage Schedules (Estimated)

Gulf Power Company

Period of: October 1996 - March 1997

| Plant & Unit | Planned Outage Dates | Reason for Outage |
|---|---|---|
| Crist 6 | 11/30/96 - 12/08/96 | Semi-annual general boiler maintenance and inspection. |
| Crist 7 | 11/16/96 - 11/24/96 | Semi-annual general boiler maintenance and inspection. |
| Smith 1 | 11/02/96 - 11/10/96 | Semi-annual general boiler maintenance and inspection. |
| Smith 2 | 11/16/96 - 11/24/96 | Semi-annual general boiler maintenance and inspection. |
| Dainel 1 | 10/05/96 - 10/12/96 | Precipitator wash, general boiler maintenance and inspection. |
| Dainel 1 | 02/22/97 - 04/06/97 | General boiler maintenance and inspection. |
| Dainel 2 | 10/05/96 - 10/12/96 | Precipitator wash, general boiler maintenance and inspection. |
| Dainel 2 | 03/15/97 - 04/06/97 | General boiler maintenance and inspection. |

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Notes Regarding Estimated Planned Outage Schedules

Gulf Power Company

Period of: October 1996 - March 1997

It is important to understand that estimated dates for planned outages and their bar chart schedules are frequently changed in timing and work scope due to system conditions, findings of inspections, subcontractor requirements, material availability and so on.

Please note that in addition to the outages scheduled for the target period of October 1996 - March 1997, the outages shown below are currently planned and could be rescheduled for the target period.

| Plant & Unit | Planned Outage Dates | Reason for Outage |
|---|---|---|
| Crist 6 | 04/26/97 - 05/11/97 | Semi-annual general boiler maintenance and inspection. |
| Crist 7 | 04/05/97 - 04/20/97 | Semi-annual general boiler maintenance and inspection. |
| Smith 1 | 04/05/97 - 04/20/97 | Semi-annual general boiler maintenance and inspection. |
| Smith 2 | 05/10/97 - 05/25/97 | Semi-annual general boiler maintenance and inspection. |
| Daniel 1 | 04/26/97 - 05/04/97 | Precipitator wash, general boiler maintenance and inspection. |
| Daniel 2 | 05/03/97 - 05/11/97 | Precipitator wash, general boiler maintenance and inspection. |

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AFFIDAVIT

STATE OF FLORIDA )
)
COUNTY OF ESCAMBIA )

Docket No. 960001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist of Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 14th day of June, 1996.

Rollanda R. Cothran
Notary Public, State of Florida at Large

Commission Number:

Commission Expires:

ROLLANDA R. COTHRAN
MY COMMISSION EXPIRES
FEBRUARY 26, 1998
#CC 346358
Bonded thru Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA