

**FLORIDA PUBLIC UTILITIES COMPANY**  
**FUEL AND PURCHASED POWER**  
**COST RECOVERY CLAUSE CALCULATION**  
 ESTIMATED FOR THE PERIOD: APRIL 1997 - SEPTEMBER 1997

SCHEDULE E1  
 PAGE 1 OF 2

ORIGINAL  
 FILE COPY

|     |   | (a)           | (b)     | (c)       |
|-----|---|---------------|---------|-----------|
|     |   | DOLLARS       | MWH     | 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       | 0.0000    |
| 6   | Fuel Cost of Purchased Power (Exclusive of Economy) (E7)    | 3,531,583     | 160,526 | 2.20001   |
| 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 & Transformation Cost of Purch Power (E2)            | 2,720,980     | 160,526 | 1.69504   |
| 10a | Demand Costs of Purchased Power                             | 2,525,800 *   |         |           |
| 10b | Transformation Energy & Customer Costs of Purchased Power   | 195,180 *     |         |           |
| 11  | Energy Payments to Qualifying Facilities (E8a)              |               |         |           |
| 12  | TOTAL COST OF PURCHASED POWER (LINE 6 THRU 11)              | 6,252,563     | 160,526 | 3.89505   |
| 13  | TOTAL AVAILABLE KWH (LINE 5 + LINE 12)                      | 6,252,563     | 160,526 | 3.89505   |
| 14  | Fuel Cost of Economy Sales (E6)                             |               |         |           |
| 15  | Gain on Economy Sales (E6)                                  |               |         |           |
| 16  | Fuel Cost of Unit Power Sales (SL2 Parpts) (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) | 6,252,563     | 160,526 | 3.89505   |
| 21  | Net Unbilled Sales  | 116,852 *     | 3,000   | 0.07864   |
| 22  | Company Use   | 4,207 *       | 108     | 0.00283   |
| 23  | T & D Losses  | 343,894 *     | 8,829   | 0.23144   |
| 24  | SYSTEM MWH SALES  | 6,252,563     | 148,589 | 4.20796   |
| 25  | Less Total Demand Cost Recovery                             | 2,525,800 *** |         |           |
| 26  | Jurisdictional MWH Sales                                    | 3,726,763     | 148,589 | 2.50810   |
| 26a | Jurisdictional Loss Multiplier                              | 1.00000       | 1.00000 |           |
| 27  | Jurisdictional MWH Sales Adjusted for Line Losses           | 3,726,763     | 148,589 | 2.50810   |
| 28  | GPIF **   |               |         |           |
| 29  | TRUE-UP **  | (491,914)     | 148,589 | (0.33106) |
| 30  | TOTAL JURISDICTIONAL FUEL COST                              | 3,234,849     | 148,589 | 2.17704   |
| 31  | Revenue Tax Factor  |               |         | 1.00083   |
| 32  | Fuel Factor Adjusted for Taxes                              |               |         | 2.17885   |
| 33  | FUEL FAC ROUNDED TO NEAREST .001 CENTS/KWH                  |               |         | 2.179     |

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

EXHIBIT NO \_\_\_\_\_  
 DOCKET NO 970001-E1  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (GMB-3)  
 PAGE 1 OF 18

DOCUMENT NUMBER - DATE

00425 JAN 13 6

FPSC-RECORDS/REPORTING

**FLORIDA PUBLIC UTILITIES COMPANY**  
**FUEL FACTOR ADJUSTED FOR**  
**LINE LOSS MULTIPLIER**  
**ESTIMATED FOR THE PERIOD: APRIL 1997 - SEPTEMBER 1997**

SCHEDULE E 1  
PAGE 2 OF 2

**MARIANNA DIVISION**

|               | (1)         | (2)               | (3)            | (4)                | (5)                | (6)          | (7)         | (8)                     | (9)               |
|---------------|-------------|-------------------|----------------|--------------------|--------------------|--------------|-------------|-------------------------|-------------------|
|               |             |                   | (1)/(2)*4.380  |                    |                    | (3)*(4)      | (1)*(5)     | (6)/Total Col (6)       | (7)/Total Col (7) |
| Rate Schedule | KWH Sales   | 12 CP Load Factor | CP KW At Meter | Demand Loss Factor | Energy Loss Factor | CP KW At GEN | KWH At GEN  | 12 CP Demand Percentage | Energy Percentage |
| 34 RS         | 65,431,999  | 55.052614%        | 27,135.5       | 1.089              | 1.000              | 29,550.6     | 65,431,999  | 52.55%                  | 44.03%            |
| 35 GS         | 11,692,348  | 57.194949%        | 4,667.3        | 1.089              | 1.000              | 5,082.7      | 11,692,348  | 9.04%                   | 7.87%             |
| 36 GSD        | 46,021,650  | 77.730883%        | 13,517.4       | 1.083              | 1.000              | 14,639.3     | 46,021,650  | 26.04%                  | 30.97%            |
| 37 GSLD       | 23,960,004  | 83.217644%        | 6,573.5        | 1.038              | 1.000              | 6,823.3      | 23,960,004  | 12.14%                  | 16.13%            |
| 38 OL         | 904,944     | 296.003708%       | 69.8           | 1.089              | 1.000              | 76.0         | 904,944     | 0.14%                   | 0.61%             |
| 39 SL         | 577,710     | 296.003708%       | 44.6           | 1.089              | 1.000              | 48.6         | 577,710     | 0.09%                   | 0.39%             |
| 40 TOTAL      | 148,568,655 |                   | 52,008.1       |                    |                    | 56,220.5     | 148,568,655 | 100.00%                 | 100.00%           |

|               | (10)           | (11)           | (12)                         | (13)                | (14)                 | (15)                               | (16)          | (17)                 |
|---------------|----------------|----------------|------------------------------|---------------------|----------------------|------------------------------------|---------------|----------------------|
|               | 12/13 * (8)    | 1/13 * (9)     | (10) * (11)                  | Tot. Col. 13 * (12) | (13)/(1)             | (14) * 1.00083                     |               | (15) * (16)          |
| Rate Schedule | 12/13 Of 12 CP | 1/13 Of Energy | Demand Allocation Percentage | Demand Dollars      | Demand Cost Recovery | Demand Cost Recovery Adj for Taxes | Other Charges | Levelized Adjustment |
| 41 RS         | 48.49%         | 3.39%          | 51.88%                       | \$1,310,386         | 0.02003              | 0.02005                            | 0.02179       | \$0.04184            |
| 42 GS         | 8.34%          | 0.61%          | 8.95%                        | 226,059             | 0.01933              | 0.01935                            | 0.02179       | \$0.04114            |
| 43 GSD        | 24.04%         | 2.38%          | 26.42%                       | 667,316             | 0.01450              | 0.01451                            | 0.02179       | \$0.03630            |
| 44 GSLD       | 11.22%         | 1.24%          | 12.46%                       | 314,715             | 0.01314              | 0.01315                            | 0.02179       | \$0.03494            |
| 45 OL         | 0.13%          | 0.05%          | 0.18%                        | 4,546               | 0.00502              | 0.00502                            | 0.02179       | \$0.02681            |
| 46 SL         | 0.08%          | 0.03%          | 0.11%                        | 2,778               | 0.00481              | 0.00481                            | 0.02179       | \$0.02660            |
| 47 TOTAL      | 92.30%         | 7.70%          | 100.00%                      | \$2,525,800         |                      |                                    |               |                      |

(2) From Gulf Power Co. 1995 Load Research results.  
(4) From Fermanline Rate Case.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 970001-E1  
FLORIDA PUBLIC UTILITIES COMPANY  
(GMB-3)  
PAGE 2 OF 18

**FLORIDA PUBLIC UTILITIES COMPANY**  
CALCULATION OF TRUE-UP SURCHARGE  
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD  
OCTOBER 1996 - MARCH 1997  
BASED ON TWO MONTHS ACTUAL AND FOUR MONTHS ESTIMATED OPERATIONS

SCHEDULE E1-A

**Marianna Division**

Over-recovery of purchased power costs for the period  
October 1996 - March 1997. (See Schedule E1-B, Calculation  
of Estimated Purchased Power Costs and Calculation of True-  
Up and Interest Provision for the Six Month Period ended  
March 1997)(Estimated) \$ 491,914

Estimated kilowatt hour sales for the months of April 1997 -  
September 1997 as per estimate filed with the Commission 148,589,000

Cents per kilowatt hour necessary to refund over-recovered  
purchased power costs over the period April 1997 - September 1997 0.33106

Exhibit No. \_\_\_\_\_  
Docket No. 970001-E1  
Florida Public Utilities Company  
(GMB-3)  
Page 3 of 18

**FLORIDA PUBLIC UTILITIES COMPANY**  
**CALCULATION OF PURCHASED POWER COSTS AND**  
**CALCULATION OF TRUE-UP AND INTEREST PROVISION**  
**OCTOBER 1996 - MARCH 1997**  
**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     | Total       |                |
|---------------------------------------|-----------------|------------------|------------------|-----------------|------------------|---------------|-------------|----------------|
|                                       | OCTOBER<br>1996 | NOVEMBER<br>1996 | DECEMBER<br>1996 | JANUARY<br>1997 | FEBRUARY<br>1997 | MARCH<br>1997 |             |                |
| Total System Sales - KWH              | 22,139,916      | 18,880,043       | 18,735,516       | 26,332,417      | 24,214,052       | 22,235,218    | 132,537,162 |                |
| Total System Purchases - KWH          | 21,617,400      | 19,251,400       | 19,213,022       | 27,065,411      | 23,490,699       | 24,400,458    | 135,038,390 |                |
| System Billing Demand - KW            | 52,766          | 52,766           | 56,427           | 56,029          | 55,157           | 53,392        | 326,517     |                |
| Purchased Power Rates:                |                 |                  |                  |                 |                  |               |             |                |
| Base Fuel Costs - \$/KWH              | 0.02900         | 0.02900          | 0.02900          | 0.02900         | 0.02900          | 0.02900       |             |                |
| Fuel Adjustment - \$/KWH              | (0.004775)      | (0.008822)       | (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                       | 626,905         | 558,291          | 557,178          | 784,897         | 681,230          | 707,613       | 3,916,114   |                |
| Fuel Adjustment                       | (103,218)       | (169,831)        | (230,172)        | (288,247)       | (223,866)        | (268,893)     | (1,284,227) |                |
| Subtotal Fuel Costs                   | 523,687         | 388,460          | 327,006          | 496,650         | 457,364          | 438,720       | 2,631,887   |                |
| Demand and Non-Fuel Costs:            |                 |                  |                  |                 |                  |               |             |                |
| Demand Charge                         | 342,914         | 342,914          | 366,776          | 364,189         | 358,521          | 347,048       | 2,122,362   |                |
| Customer Charge                       | 550             | 550              | 550              | 550             | 550              | 550           | 3,300       |                |
| Energy Charge                         | 148,944         | 132,642          | 132,378          | 186,481         | 161,851          | 168,119       | 930,415     |                |
| Subtotal Demand & Non-Fuel Costs      | 492,408         | 476,106          | 499,704          | 551,220         | 520,922          | 515,717       | 3,056,077   |                |
| Total System Purchased Power Costs    | 1,016,095       | 864,566          | 826,710          | 1,047,870       | 978,286          | 954,437       | 5,687,964   |                |
| Sales Revenues                        |                 |                  |                  |                 |                  |               |             |                |
| Fuel Adjustment Revenues:             | Rate            |                  |                  |                 |                  |               |             |                |
| Residential RS                        | 0.04947         | 435,906          | 369,564          | 418,744         | 639,721          | 571,772       | 490,734     | 2,926,441      |
| Commercial GS                         | 0.04878         | 96,080           | 76,109           | 70,953          | 92,524           | 86,882        | 83,135      | 505,683        |
| Commercial GSD                        | 0.04406         | 324,295          | 259,158          | 250,900         | 330,700          | 310,079       | 298,154     | 1,773,286      |
| Industrial GSLD                       | 0.04272         | 160,082          | 158,526          | 123,511         | 160,979          | 154,095       | 154,384     | 0              |
| Residential OL,OL-2                   | 0.03460         | 5,489            | 5,614            | 4,585           | 4,610            | 4,610         | 4,610       | 29,518         |
| Other SL-1,SL-2,SL-3                  | 0.03460         | 3,261            | 3,279            | 3,398           | 3,357            | 3,357         | 3,357       | 20,007         |
| Total Fuel Revenues                   |                 | 1,025,113        | 872,250          | 872,089         | 1,231,891        | 1,130,795     | 1,034,374   | 6,166,512      |
| Non-Fuel Revenues                     |                 | 435,281          | 399,819          | 358,921         | 457,339          | 430,395       | 403,838     | 2,485,561      |
| Total Sales Revenue                   |                 | 1,460,394        | 1,272,069        | 1,231,010       | 1,689,230        | 1,561,190     | 1,438,210   | 8,652,073      |
| KWH Sales:                            |                 |                  |                  |                 |                  |               |             |                |
| Residential RS                        |                 | 8,809,844        | 7,469,991        | 8,464,605       | 12,931,494       | 11,557,957    | 9,919,635   | 59,153,726     |
| Commercial GS                         |                 | 1,989,660        | 1,560,258        | 1,454,542       | 1,896,768        | 1,781,097     | 1,704,292   | 10,366,617     |
| Commercial GSD                        |                 | 7,360,303        | 5,881,945        | 5,694,514       | 7,505,676        | 7,037,655     | 6,767,005   | 40,247,098     |
| Industrial GSLD                       |                 | 3,747,240        | 3,710,820        | 2,891,183       | 3,768,240        | 3,607,104     | 3,613,847   | 21,338,434     |
| Residential OL,OL-2                   |                 | 158,630          | 162,256          | 132,517         | 133,225          | 133,225       | 133,225     | 853,078        |
| Other SL-1,SL-2,SL-3                  |                 | 94,239           | 94,773           | 98,155          | 97,014           | 97,014        | 97,014      | 578,209        |
| Total KWH Sales                       |                 | 22,139,916       | 18,880,043       | 18,735,516      | 26,332,417       | 24,214,052    | 22,235,218  | 132,537,162    |
| True-up Calculation:                  |                 |                  |                  |                 |                  |               |             | Period to Date |
| Fuel Revenues                         | 1,025,113       | 872,250          | 872,089          | 1,231,891       | 1,130,795        | 1,034,374     | 6,166,512   |                |
| True-up Provision                     | (1,455)         | (1,455)          | (1,455)          | (1,455)         | (1,455)          | (1,454)       | (8,729)     |                |
| Gross Receipts Tax Refund             | 0               | 0                | 0                | 0               | 0                | 0             | 0           |                |
| Fuel Revenue                          | 1,026,568       | 873,705          | 873,544          | 1,233,346       | 1,132,250        | 1,035,828     | 6,175,241   |                |
| Total Purchased Power Costs           | 1,016,095       | 864,566          | 826,710          | 1,047,870       | 978,286          | 954,437       | 5,687,964   |                |
| True-up Provision for the Period      | 10,473          | 9,139            | 46,834           | 185,476         | 153,964          | 81,391        | 487,277     |                |
| Interest Provision for the Period     | 60              | 97               | 218              | 736             | 1,498            | 2,026         | 4,637       |                |
| True-up and Interest Provision        |                 |                  |                  |                 |                  |               |             |                |
| Beginning of Period                   | 8,729           | 17,807           | 25,588           | 71,185          | 255,942          | 409,949       | 8,729       |                |
| True-up Collected or (Refunded)       | (1,455)         | (1,455)          | (1,455)          | (1,455)         | (1,455)          | (1,454)       | (8,729)     |                |
| End of Period, Net True-up            | 17,807          | 25,588           | 71,185           | 255,942         | 409,949          | 491,914       | 491,914     |                |
| 10% Rule                              |                 |                  |                  |                 |                  |               |             | 8.65%          |
| Interest Provision:                   |                 |                  |                  |                 |                  |               |             |                |
| Beginning True-up Amount              | 8,729           | 17,807           | 25,588           | 71,185          | 255,942          | 409,949       | 8,729       |                |
| Ending True-up Amount Before Interest | 17,747          | 25,491           | 70,967           | 255,206         | 408,451          | 489,886       | 489,886     |                |
| Total Beginning and Ending True-up    | 26,476          | 43,298           | 96,555           | 326,391         | 664,393          | 899,835       | 449,918     |                |
| Average True-up Amount                | 13,238          | 21,649           | 48,278           | 163,196         | 332,197          | 449,918       | 449,918     |                |
| Interest Rate                         | 5.4100%         | 5.4100%          | 5.4100%          | 5.4100%         | 5.4100%          | 5.4100%       | 5.4100%     |                |
| Monthly Average Interest Rate         | 0.4508%         | 0.4508%          | 0.4508%          | 0.4508%         | 0.4508%          | 0.4508%       | 0.4508%     |                |
| Interest Provision                    | 60              | 97               | 218              | 736             | 1,498            | 2,026         | 4,637       |                |

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 970001-E1  
FLORIDA PUBLIC UTILITIES COMPANY  
(GMB-3)  
PAGE 4 OF 18

**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 OCTOBER 1996 - MARCH 1997

SCHEDULE E-1B-1

|   | DOLLARS              |                        |                      |         | MWH                  |                        |                      |        | CENTS/KWH            |                        |                      |         |
|---|----------------------|------------------------|----------------------|---------|----------------------|------------------------|----------------------|--------|----------------------|------------------------|----------------------|---------|
|   | ESTIMATED/<br>ACTUAL | ESTIMATED/<br>ORIGINAL | DIFFERENCE<br>AMOUNT | %       | ESTIMATED/<br>ACTUAL | ESTIMATED/<br>ORIGINAL | DIFFERENCE<br>AMOUNT | %      | ESTIMATED/<br>ACTUAL | ESTIMATED/<br>ORIGINAL | DIFFERENCE<br>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<br>of Economy) (A7)           | 2,831,887            | 2,471,394              | 160,493              | 6.5%    | 135,038              | 132,597                | 2,441                | 1.8%   | 1.94900              | 1.86384                | 0.08516              | 4.6%    |
| 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)                     | 3,058,077            | 3,048,326              | 7,751                | 0.3%    | 135,038              | 132,597                | 2,441                | 1.8%   | 2.26312              | 2.29194                | (0.03582)            | -1.6%   |
| 11 Energy Payments to Qualifying Facilities (A8a)                       |                      |                        |                      |         |                      |                        |                      |        |                      |                        |                      |         |
| 12 TOTAL COST OF PURCHASED POWER  | 5,887,964            | 5,519,720              | 168,244              | 3.1%    | 135,038              | 132,597                | 2,441                | 1.8%   | 4.21212              | 4.16278                | 0.04934              | 1.2%    |
| 13 TOTAL AVAILABLE MWH (LINE 5 + LINE 12)                               |                      |                        |                      |         | 135,038              | 132,597                | 2,441                | 1.8%   |                      |                        |                      |         |
| 14 Fuel Cost of Economy Sales (A6)                                      |                      |                        |                      |         |                      |                        |                      |        |                      |                        |                      |         |
| 15 Gain on Economy Sales (A6)   |                      |                        |                      |         |                      |                        |                      |        |                      |                        |                      |         |
| 16 Fuel Cost of Unit Power Sales (SL2 Partrpts)(A6)                     |                      |                        |                      |         |                      |                        |                      |        |                      |                        |                      |         |
| 17 Fuel Cost of Other Power Sales (A6)                                  |                      |                        |                      |         |                      |                        |                      |        |                      |                        |                      |         |
| 18 TOTAL FUEL COST AND GAINS OF POWER SALES<br>(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<br>(LINES 5 + 12 + 18 + 19)    | 5,887,964            | 5,519,720              | 168,244              | 3.1%    | 135,038              | 132,597                | 2,441                | 1.8%   | 4.21212              | 4.16278                | 0.04934              | 1.2%    |
| 21 Net Unbilled Sales   | (128,006)            | (47,123)               | (80,883)             | 171.6%  | (3,039)              | (1,132)                | (1,907)              | 168.5% | (0.09658)            | (0.03673)              | (0.05985)            | 163.0%  |
| 22 Company Use  | 5,813                | 5,661                  | 152                  | 2.7%    | 138                  | 136                    | 2                    | 1.5%   | 0.00439              | 0.00441                | (0.00002)            | -0.5%   |
| 23 T & D Losses   | 227,539              | 220,794                | 6,745                | 3.1%    | 5,402                | 5,304                  | 98                   | 1.9%   | 0.17168              | 0.17211                | (0.00043)            | -0.3%   |
| 24 SYSTEM KWH SALES   | 5,887,964            | 5,519,720              | 168,244              | 3.1%    | 132,537              | 128,289                | 4,248                | 3.3%   | 4.29161              | 4.30257                | (0.01096)            | -0.3%   |
| 25 Wholesale KWH Sales  |                      |                        |                      |         |                      |                        |                      |        |                      |                        |                      |         |
| 26 Jurisdictional KWH Sales   | 5,887,964            | 5,519,720              | 168,244              | 3.1%    | 132,537              | 128,289                | 4,248                | 3.3%   | 4.29161              | 4.30257                | (0.01096)            | -0.3%   |
| 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<br>Line Losses                 | 5,887,964            | 5,519,720              | 168,244              | 3.1%    | 132,537              | 128,289                | 4,248                | 3.3%   | 4.29161              | 4.30257                | (0.01096)            | -0.3%   |
| 28 GPIF**   |                      |                        |                      |         |                      |                        |                      |        |                      |                        |                      |         |
| 29 TRUE-UP**  | 8,729                | (450,909)              | 459,638              | -101.9% | 132,537              | 128,289                | 4,248                | 3.3%   | 0.00659              | (0.35148)              | 0.35807              | -101.9% |
| 30 TOTAL JURISDICTIONAL FUEL COST                                       | 5,698,693            | 5,068,811              | 627,882              | 12.4%   | 132,537              | 128,289                | 4,248                | 3.3%   | 4.29819              | 3.95109                | 0.34710              | 8.8%    |
| 31 Revenue Tax Factor   |                      |                        |                      |         |                      |                        |                      |        | 1.00083              | 1.00083                | 0.00000              | 0.0%    |
| 32 Fuel Factor Adjusted for Taxes                                       |                      |                        |                      |         |                      |                        |                      |        | 4.30178              | 3.95437                | 0.34739              | 8.8%    |
| 33 FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)                         |                      |                        |                      |         |                      |                        |                      |        | 4.302                | 3.954                  | 0.348                | 8.8%    |

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

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 970001-E1  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (GMB-3)  
 PAGE 5 OF 18

**FLORIDA PUBLIC UTILITIES COMPANY**  
**MARIANNA DIVISION**  
**FUEL & PURCHASED POWER COST RECOVERY CLAUSE CALCULATION**

SCHEDULE E2

FOR THE PERIOD: APRIL 1997 - SEPTEMBER 1997

| LINE NO |   | (a)       | (b)       | (c)               | (d)       | (e)       | (f)       | (g)          | LINE NO |
|---------|---|-----------|-----------|-------------------|-----------|-----------|-----------|--------------|---------|
|         |   | APRIL     | MAY       | ESTIMATED<br>JUNE | JULY      | AUGUST    | SEPTEMBER | TOTAL PERIOD |         |
| 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                                    | 440,001   | 541,041   | 607,968           | 653,743   | 687,736   | 601,094   | 3,531,583    | 3       |
| 3a      | DEMAND & TRANSFORMATION CHARGE OF PURCHASED POWER               | 392,370   | 413,130   | 468,490           | 482,330   | 489,250   | 475,410   | 2,720,980    | 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) | 832,371   | 954,171   | 1,076,458         | 1,136,073 | 1,176,986 | 1,076,504 | 6,252,563    | 5       |
| 6       | LESS: TOTAL DEMAND COST RECOVERY                                | 359,840   | 380,600   | 435,960           | 449,800   | 456,720   | 442,880   | 2,525,800    | 6       |
| 7       | TOTAL OTHER COST TO BE RECOVERED                                | 472,531   | 573,571   | 640,498           | 686,273   | 720,266   | 633,624   | 3,726,763    | 7       |
| 7a      | SYSTEM KWH SOLD (MWH)   | 18,428    | 20,191    | 25,423            | 27,687    | 28,659    | 28,201    | 148,589      | 7a      |
| 7b      | COST PER KWH SOLD (CENTS/KWH)                                   | 2.5642    | 2.84073   | 2.51936           | 2.47868   | 2.51323   | 2.24681   | 2.5081       | 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)                                 | 2.56420   | 2.84073   | 2.51936           | 2.47868   | 2.51323   | 2.24681   | 2.50810      | 9       |
| 10      | GPIF (CENTS/KWH)  |           |           |                   |           |           |           |              | 10      |
| 11      | TRUE-UP (CENTS/KWH)   | (0.33106) | (0.33106) | (0.33106)         | (0.33106) | (0.33106) | (0.33106) | (0.33106)    | 11      |
| 12      | TOTAL   | 2.23314   | 2.50967   | 2.18830           | 2.14762   | 2.18217   | 1.91575   | 2.17704      | 12      |
| 13      | REVENUE TAX FACTOR 0.00083                                      | 0.00185   | 0.00208   | 0.00182           | 0.00178   | 0.00181   | 0.00159   | 0.00181      | 13      |
| 14      | RECOVERY FACTOR ADJUSTED FOR TAXES                              | 2.23499   | 2.51175   | 2.19012           | 2.14940   | 2.18398   | 1.91734   | 2.17885      | 14      |
| 15      | RECOVERY FACTOR ROUNDED TO NEAREST .001 CENT/KWH                | 2.235     | 2.512     | 2.190             | 2.149     | 2.184     | 1.917     | 2.179        | 15      |

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 970001-EI  
FLORIDA PUBLIC UTILITIES COMPANY  
(GMB-3)  
PAGE 6 OF 18

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

SCHEDULE E7

ESTIMATED FOR THE PERIOD OF: APRIL 1997 - SEPTEMBER 1997

| (1)<br>MONTH   | (2)<br>PURCHASED FROM | (3)<br>TYPE<br>&<br>SCHEDULE | (4)<br>TOTAL<br>KWH<br>PURCHASED | (5)<br>KWH<br>FOR OTHER<br>UTILITIES | (6)<br>KWH<br>FOR<br>INTERRUPTIBLE | (7)<br>KWH<br>FOR<br>FIRM | (8)<br>CENTS/KWH    |                      | (9)<br>TOTAL \$ FOR<br>FUEL ADJ<br>(7) x (8) (A) |
|----------------|-----------------------|------------------------------|----------------------------------|--------------------------------------|------------------------------------|---------------------------|---------------------|----------------------|--|
|                |                       |                              |                                  |                                      |                                    |                           | (A)<br>FUEL<br>COST | (B)<br>TOTAL<br>COST |  |
|                |                       |                              |                                  |                                      |                                    |                           | APRIL 1997          | GULF POWER COMPANY   |  |
| MAY 1997       | GULF POWER COMPANY    | RE                           | 24,593,000                       |                                      |                                    | 24,593,000                | 2.199930            | 3.679848             | 541,041  |
| JUNE 1997      | GULF POWER COMPANY    | RE                           | 27,835,000                       |                                      |                                    | 27,835,000                | 2.199993            | 3.895270             | 607,968  |
| JULY 1997      | GULF POWER COMPANY    | RE                           | 29,715,000                       |                                      |                                    | 29,715,000                | 2.200044            | 3.823231             | 653,743  |
| AUGUST 1997    | GULF POWER COMPANY    | RE                           | 31,261,000                       |                                      |                                    | 31,261,000                | 2.199981            | 3.765030             | 687,736  |
| SEPTEMBER 1997 | GULF POWER COMPANY    | RE                           | 27,322,000                       |                                      |                                    | 27,322,000                | 2.200037            | 3.940063             | 601,094  |
| TOTAL          |                       |                              | 160,526,000                      | 0                                    | 0                                  | 160,526,000               | 2.200007            | 3.896047             | 3,531,563  |

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 970001-E  
FLORIDA PUBLIC UTILITIES COMPANY  
(GMB-3)  
PAGE 7 OF 18

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

SCHEDULE E10

ESTIMATED FOR THE PERIOD\* OF: APRIL 1997 - SEPTEMBER 1997

|                                | APRIL<br>1997 | MAY<br>1997 | JUNE<br>1997 | JULY<br>1997 | AUGUST<br>1997 | SEPTEMBER<br>1997 | PERIOD<br>TOTAL |
|--------------------------------|---------------|-------------|--------------|--------------|----------------|-------------------|-----------------|
| BASE RATE REVENUES ** \$       | 21.24         | 21.24       | 21.24        | 21.24        | 21.24          | 21.24             | 127.44          |
| FUEL RECOVERY FACTOR CENTS/KWH | 4.184         | 4.184       | 4.184        | 4.184        | 4.184          | 4.184             |                 |
| GROUP LOSS MULTIPLIER          | 1.00000       | 1.00000     | 1.00000      | 1.00000      | 1.00000        | 1.00000           |                 |
| FUEL RECOVERY REVENUES \$      | 41.84         | 41.84       | 41.84        | 41.84        | 41.84          | 41.84             | 251.04          |
| GROSS RECEIPTS TAX             | 1.62          | 1.62        | 1.62         | 1.62         | 1.62           | 1.62              | 9.72            |
| TOTAL REVENUES *** \$          | 64.70         | 64.70       | 64.70        | 64.70        | 64.70          | 64.70             | 388.20          |

\* MONTHLY AND CUMULATIVE SIX MONTH ESTIMATED DATA

\*\* BASE RATE REVENUES:

|                     |       |
|---------------------|-------|
| CUSTOMER CHARGE     | 8.30  |
| CENTS/KWH           | 12.13 |
| CONSERVATION FACTOR | 0.81  |

21.24

\*\*\* EXCLUDES FRANCHISE TAXES

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 970001-EI  
FLORIDA PUBLIC UTILITIES COMPANY  
(GMB-3)  
PAGE 8 OF 18



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

Schedule M\*

**MARIANNA DIVISION**

|                                       | Estimated  | Estimated  | Estimated  | Estimated  | Estimated  | Estimated  |             |
|---------------------------------------|------------|------------|------------|------------|------------|------------|-------------|
|                                       | APRIL      | MAY        | JUNE       | JULY       | AUGUST     | SEPTEMBER  | Total       |
|                                       | 1997       | 1997       | 1997       | 1997       | 1997       | 1997       |             |
| Total System Sales - KWH              | 18,428,046 | 20,190,888 | 25,422,701 | 27,686,803 | 28,658,582 | 28,200,635 | 148,588,655 |
| Total System Purchases - KWH          | 20,000,050 | 24,592,781 | 27,634,913 | 29,715,576 | 31,260,717 | 27,322,458 | 160,526,495 |
| System Billing Demand - KW            | 52,000     | 55,000     | 63,000     |            | 66,000     | 64,000     | 365,000     |
| Purchased Power Rates:                |            |            |            |            |            |            |             |
| Base Fuel Costs - \$/KWH              | 0.02200    | 0.02200    | 0.02200    | 0.02200    | 0.02200    | 0.02200    |             |
| Demand and Non-Fuel:                  |            |            |            |            |            |            |             |
| Demand Charge - \$/KW                 | 6.92       | 6.92       | 6.92       | 6.92       | 6.92       | 6.92       |             |
| Customer Charge - \$                  | 550.00     | 550.00     | 550.00     | 550.00     | 550.00     | 550.00     |             |
| Transformation Charge                 | 31,980     | 31,980     | 31,980     | 31,980     | 31,980     | 31,980     |             |
| Purchased Power Costs:                |            |            |            |            |            |            |             |
| Base Fuel Costs                       | 440,001    | 541,041    | 607,968    | 653,743    | 687,736    | 601,094    | 3,531,583   |
| Subtotal Fuel Costs                   | 440,001    | 541,041    | 607,968    | 653,743    | 687,736    | 601,094    | 3,531,583   |
| Demand and Non-Fuel Costs:            |            |            |            |            |            |            |             |
| Demand Charge                         | 359,840    | 390,800    | 435,960    | 449,800    | 455,720    | 442,880    | 2,525,800   |
| Customer Charge                       | 550        | 550        | 550        | 550        | 550        | 550        | 3,300       |
| Transformation Charge                 | 31,980     | 31,980     | 31,980     | 31,980     | 31,980     | 31,980     | 191,880     |
| Subtotal Demand & Non-Fuel Costs      | 392,370    | 413,130    | 468,490    | 482,330    | 488,250    | 475,410    | 2,720,980   |
| Total System Purchased Power Costs    | 832,371    | 954,171    | 1,076,458  | 1,136,073  | 1,176,986  | 1,076,504  | 6,252,563   |
| <b>Sales Revenues</b>                 |            |            |            |            |            |            |             |
| Fuel Adjustment Revenues:             | Rate       |            |            |            |            |            |             |
| Residential RS                        | 0.04181    | 322,661    | 341,235    | 461,303    | 537,899    | 547,469    | 2,735,712   |
| Commercial GS                         | 0.04111    | 61,101     | 68,575     | 83,143     | 87,258     | 88,530     | 480,673     |
| Commercial GSD                        | 0.03827    | 210,489    | 236,853    | 287,981    | 305,735    | 308,757    | 1,669,205   |
| Industrial GSLD                       | 0.03491    | 110,794    | 125,112    | 145,921    | 140,422    | 162,402    | 715,794     |
| Residential OL,OL-2                   | 0.02879    | 4,041      | 4,041      | 4,041      | 4,041      | 4,041      | 24,246      |
| Other SL-1,SL-2,SL-3                  | 0.02658    | 2,559      | 2,559      | 2,559      | 2,559      | 2,559      | 15,354      |
| Total Fuel Revenues                   |            | 711,655    | 778,375    | 984,948    | 1,077,914  | 1,113,758  | 5,761,635   |
| Non-Fuel Revenues                     |            | 393,175    | 415,695    | 489,492    | 523,796    | 535,242    | 2,866,985   |
| Total Sales Revenue                   |            | 1,104,830  | 1,194,070  | 1,474,440  | 1,601,710  | 1,649,000  | 8,628,620   |
| <b>KWH Sales:</b>                     |            |            |            |            |            |            |             |
| Residential RS                        | 7,717,309  | 8,161,576  | 11,033,307 | 12,965,327 | 13,094,215 | 12,560,265 | 65,431,969  |
| Commercial GS                         | 1,486,271  | 1,668,091  | 2,022,451  | 2,122,556  | 2,153,487  | 2,239,492  | 11,662,348  |
| Commercial GSD                        | 5,803,665  | 6,530,281  | 7,539,924  | 8,429,416  | 8,512,746  | 8,805,618  | 46,021,650  |
| Industrial GSLD                       | 3,173,692  | 3,583,831  | 4,176,910  | 4,022,395  | 4,652,025  | 4,348,151  | 23,960,004  |
| Residential OL,OL-2                   | 150,824    | 150,824    | 150,824    | 150,824    | 150,824    | 150,824    | 904,944     |
| Other SL-1,SL-2,SL-3                  | 96,285     | 96,285     | 96,285     | 96,285     | 96,285     | 96,285     | 577,710     |
| Total KWH Sales                       | 18,428,046 | 20,190,888 | 25,422,701 | 27,686,803 | 28,658,582 | 28,200,635 | 148,588,655 |
| <b>True-up Calculation:</b>           |            |            |            |            |            |            |             |
| Fuel Revenues                         | 711,655    | 778,375    | 984,948    | 1,077,914  | 1,113,758  | 1,094,985  | 5,761,635   |
| True-up Provision                     | (81,986)   | (81,986)   | (81,986)   | (81,986)   | (81,986)   | (81,984)   | (491,914)   |
| Gross Receipts Tax Refund             | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
| Fuel Revenue                          | 793,641    | 800,361    | 1,066,934  | 1,159,900  | 1,195,744  | 1,176,989  | 6,253,549   |
| Total Purchased Power Costs           | 832,371    | 954,171    | 1,076,458  | 1,136,073  | 1,176,986  | 1,076,504  | 6,252,563   |
| True-up Provision for the Period      | (38,730)   | (93,810)   | (9,524)    | 23,827     | 18,758     | 100,465    | 986         |
| Interest Provision for the Period     | 1,945      | 1,286      | 689        | 355        | 83         | (18)       | 4,340       |
| True-up and Interest Provision        |            |            |            |            |            |            |             |
| Beginning of Period                   | 491,914    | 373,143    | 198,633    | 107,812    | 50,008     | (13,137)   | 491,914     |
| True-up Collected or (Refunded)       | (81,986)   | (81,986)   | (81,986)   | (81,986)   | (81,986)   | (81,984)   | (491,914)   |
| End of Period, Net True-up            | 373,143    | 198,633    | 107,812    | 50,008     | (13,137)   | 5,326      | 5,326       |
| <b>10% Rule</b>                       |            |            |            |            |            |            |             |
| Interest Provision:                   |            |            |            |            |            |            |             |
| Beginning True-up Amount              | 491,914    | 373,143    | 198,633    | 107,812    | 50,008     | (13,137)   |             |
| Ending True-up Amount Before Interest | 371,198    | 197,347    | 107,123    | 49,653     | (13,220)   | 5,344      |             |
| Total Beginning and Ending True-up    | 863,112    | 570,490    | 305,756    | 157,465    | 36,788     | (7,793)    |             |
| Average True-up Amount                | 431,556    | 285,245    | 152,878    | 78,733     | 18,394     | (3,897)    |             |
| Interest Rate                         | 5.4100%    | 5.4100%    | 5.4100%    | 5.4100%    | 5.4100%    | 5.4100%    |             |
| Monthly Average Interest Rate         | 0.4508%    | 0.4508%    | 0.4508%    | 0.4508%    | 0.4508%    | 0.4508%    |             |
| Interest Provision                    | 1,945      | 1,286      | 689        | 355        | 83         | (18)       |             |