

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

| | | |
|--------------------------------------|---|----------------------|
| In re: Fuel and Purchased Power Cost |) | DOCKET NO. 900001-EI |
| Recovery Clause and Generating |) | ORDER NO. 23394 |
| <u>Performance Incentive Factor.</u> |) | ISSUED: 8-22-90 |

Pursuant to Notice, a Prehearing Conference was held on August 6, 1990, in Tallahassee, before Commissioner Betty Easley, Prehearing Officer.

APPEARANCES:

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ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 2

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Counsel to the Commissioners

PREHEARING ORDER

Background

As part of the continuing fuel and energy conservation cost recovery proceedings, a hearing is set for August 22 - 24, 1990, in this docket and in Dockets Nos. 900002-EG and 900003-GU. The following subjects were noticed for hearing in such dockets:

1. Determination of the Proposed Levelized Fuel Adjustment Factors for all investor-owned utilities for the period October, 1990 through March, 1991;
2. Determination of the Estimated Fuel Adjustment True-Up Amounts for all investor-owned electric utilities for the period April, 1990 through September, 1990, which are to be based on actual data for the period April, 1990 through May, 1990, and revised estimates for the period June, 1990 through September, 1990;
3. Determination of the Final Fuel Adjustment True-Up Amounts for all investor-owned electric utilities for the period October, 1989 through March, 1990, which are to be based on actual data for that period;
4. Determination of the Projected Conservation Cost Recovery Factors for certain investor-owned electric and gas utilities for the period October, 1990 through March, 1991;

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 3

5. Determination of the Estimated Conservation True-Up Amounts for certain investor-owned electric and gas utilities for the period April, 1990 through September, 1990, which are to be based on actual data for the period April, 1990 through May, 1990, and revised estimates for the period June, 1990 through September, 1990;
6. Determination of the Final Conservation True-Up Amounts for certain investor-owned electric and gas utilities for the period October, 1989 through March, 1990, which are to be based on actual data for that period;
7. Determination of any Projected Oil Backout Cost Recovery Factors for the period October, 1990 through March, 1991, for the cost of approved oil backout projects to be recovered pursuant to the provisions of Rule 25-17.16, Florida Administrative Code;
8. Determination of the Estimated Oil Backout Cost Recovery True-Up Factors for the period April, 1990 through September, 1990, for the costs of approved oil backout projects to be recovered pursuant to the provisions of Rule 25-17.16, Florida Administrative Code, which are to be based on actual data for the period April, 1990 through May, 1990, and revised estimates for the period June, 1990 through September, 1990;
9. Determination of the Final Oil Backout True-Up Amounts for the period October, 1989 through March, 1990, which are to be based on actual data for that period;
10. Determination of Generating Performance Incentive Factor Targets and Ranges for the period October, 1990 through March, 1991;
11. Determination of Generating Performance Incentive Factor Rewards and Penalties for the period October, 1989 through March, 1990; and

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 4

12. Determination of the Purchased Gas Adjustment True-Up Amounts for the period October, 1989 through March, 1990, to be recovered during the period September, 1990 through March, 1991.

Use of Prefiled Testimony

All testimony which has been prefiled in this case will be inserted into the record as though read after the witness has taken the stand and affirmed the correctness of the testimony and exhibits, unless there is a sustainable objection. All testimony remains subject to appropriate objections. Each witness will have the opportunity to orally summarize his testimony at the time he or she takes the stand.

Use of Depositions and Interrogatories

If any party seeks to introduce an interrogatory or a deposition, or a portion thereof, the request will be subject to proper objections and the appropriate evidentiary rules will govern. The parties will be free to utilize any exhibits requested at the time of the depositions, subject to the same conditions.

Order of Witnesses

The witness schedule is set forth below in order of appearance by the witness' name, subject matter, and the issues which will be covered by his or her testimony.

Witnesses whose names are preceded by an asterisk (*) have been excused. The parties have stipulated that the testimony of such witnesses will be inserted into the record as though read, and cross-examination will be waived.

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 5

| <u>Witness</u> | <u>Subject Matter</u> | <u>Issues</u> |
|---|--|---|
| <u>(Direct)</u> | | |
| 1. J.R. Rowe (TECO) | Confidentiality of Documents | 14 |
| 2. W.N. Cantrell (TECO) | Market Price Benchmark Analysis | 7j, 7k, 7l, 7m, 7n, 7o, 7p, 7q |
| 3. K.H. Wieland (FPC) | Fuel adjustment true-up and projections | 1-7, 7c, 9a |
| *4. W.C. Micklon (FPC) | GPIF - Reward/Penalty and Targets/Ranges | 8, 9 |
| *5. G.L. Whiting (FPL) | Fuel Adjustment, True-Up and Projections | 3,4 |
| *6. D.L. Babka (FPL) | Fuel Adjustment, True-Up and Projections | 1-3 |
| *7. K.M. Dubin (FPL) | Fuel Adjustment, True-Up and Projections | 4-7 |
| 8. R. Silva (FPL) | Fuel Adjustment, True-Up and Projections | 8 |
| 9. J.K. Hays (FPL) | Fuel Adjustment, True-Up and Projections | 9 |
| 10.M.J. Barrios (FPL) | GPIF, reward/penalty and targets/ranges | 10, 11 |
| ** The testimony and exhibits of this witness have been stipulated by the parties, but the witness will be available at hearing to answer questions regarding Issue 9a. | | |
| *11.D.L. Babka (FPL) | Oil Backout, True-up and Projections | 10-13 |
| *12.S.S. Waters (FPL) | Oil Backout, True-Up and Projections | 10-13 |

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 6

| <u>Witness</u> | <u>Subject Matter</u> | <u>Issues</u> |
|---|--|------------------|
| *13. Bachman (FPUC) | Purchased power cost recovery; true- up (Marianna and Fernandina Beach) | 1-4, 6, 7 |
| *14. D. Ranney (Gulf) | Fuel adjustment, true-up and projections | 1-4, 6, 7 |
| 15. M.L. Gilchrist (Gulf) | Fuel adjustment, true-up and projections | 1-3 |
| ** The testimony and exhibits of this witness have been stipulated by the parties, but the witness will be available at hearing to answer questions regarding fuel forecasts. | | |
| 16. G.D. Fontaine (Gulf) | GPIF, reward/penalty and targets and ranges | 8, 9, 9a |
| ** The testimony and exhibits of this witness have been stipulated by the parties, but the witness will be available at hearing to answer questions regarding Issue 9a. | | |
| *17. M.W. Howell (Gulf) | System Dispatch | none |
| *18. J.E. Mulder (TECO) | Fuel Adjustment, True-up and Projections | 1-4, 6, 7, 7a |
| *19. G.A. Keselowsky (TECO) | GPIF Reward/Penalty and Targets/Ranges | 8, 9 |
| *20. R.F. Tomczak (TECO) | Oil Backout Cost Recovery True-Up and Projections | 10 - 13 |
| *21. A.D. Remmers (TECO) | Oil Backout Cost Recovery True-Up and Projections | 10 - 13 |

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 7

EXHIBIT LIST

The parties have stipulated that exhibits marked with an asterisk (*) will be inserted into the record by agreement.

| <u>Exhibit</u> | <u>Witness</u> | <u>Description</u> |
|------------------------------------|--------------------------|---|
| <u> </u> (KHW-) | Wieland (FPC) | True-up: Variance Analysis, Schedules A1 - A13 |
| <u> </u> (KHW-) | Wieland (FPC) | Projections: Fore- cast Assumptions (Parts A-C), Schedules E1 - E11 H1 and COG |
| * <u> </u> (WCM-) | Micklon (FPC) | Reward/Penalty: Standard Form GPIF Schedules |
| * <u> </u> (WCM-) | Micklon (FPC) | Targets/Ranges: Standard Form GPIF Schedules |
| * <u> </u> (DLB-) | Babka (FPL) | Levelized Fuel Cost Recovery Final True-Up Oct. 1989 through March 1990, Schedules A1-A13 |
| * <u> </u> (MB-) | Barrios (FPL) | GPIF - Document 1 Oct. 1989 through March 1990 |
| * <u> </u> (DLB/SSW-) | Babka Waters (FPL) | Levelized Oil-Backout Cost Recovery True- up, Oct. 1989 through March 1990, Oil Backout Schedules |

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 8

| <u>Exhibit</u> | <u>Witness</u> | <u>Description</u> |
|--------------------------------------|---|---|
| * _____ (RS/GLW/ DLB/KMD-) | Silva Whiting Babka Dubin (FPL) | Levelized Fuel Recovery Factor, Oct. 1990 - March 1990, Schedules A1-A13, April 1990- May 1990, Schedules E1-E11 and H1, Oct. 1990 - March 1991 |
| * _____ (MB-) | Barrios (FPL) | GPIF - Document 1 Oct. 1990 through March 1990 |
| * _____ (DLB/SSW-) | Babka Waters (FPL) | Levelized Oil-Backout Cost Recovery Factor Oct. 1990 through March 1991, Oil Backout Schedules (Appendix 1 and 2) |
| * _____ (GMB-1) (composite) | Bachman (FPUC) | Schedules E, E1, E1b, E2, E4, E8, E10, E11, H1 & M1; (Marianna Division) Schedules E, E1, E1b, E2, E4, E8, E8A, E10, E11, H1 & F1; (Fernandina Beach Division) |
| * _____ (DR-1) | Ranney (Gulf) | True-up Calculation; Contract Recovery Calculation |
| * _____ (DR-2) | Ranney (Gulf) | Schedules E-1 through E11; 12; H-1; and A-1 through A-2, Dec. 1989 through May 1990 |
| * _____ (MLG-1) | Gilchrist (Gulf) | Coal Suppliers Oct. 1989 through March, 1990 |
| * _____ (MLG-2) | Gilchrist (Gulf) | Projected vs. Actual Fuel Cost |

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 9

| <u>Exhibit</u> | <u>Witness</u> | <u>Description</u> |
|-------------------------|------------------------------|--|
| * <u>(GDF-1)</u> | Fontaine (Gulf) | GPIF Results Schedules |
| * <u>(GDF-2)</u> | Fontaine (Gulf) | GPIF Targets and Ranges |
| * <u>(JEM-1)</u> | Mulder (TECO) | Levelized Fuel Cost Recovery Final True-up, Oct. 1989 - March 1990 |
| * <u>(JEM-2)</u> | Mulder (TECO) | Fuel Adjustment Projection Oct. 1990 - March 1991 |
| * <u>(GAK-1)</u> | Keselowsky (TECO) | Levelized Fuel Cost Generating Performance Incentive Factor Results, Oct. 1989 - March 1990 |
| * <u>(GAK-2)</u> | Keselowsky (TECO) | GPIF Targets and Ranges for Oct. 1990 - March 1991 |
| * <u>(RFT/ADR-1)</u> | Tomczak Remmers (TECO) | Schedules Supporting Oil Backout Cost Recovery Factor - Actual, Oct. 1989 - March 1990 |
| * <u>(RFT/ADR-2)</u> | Tomczak Remmers (TECO) | Schedules Supporting Oil Backout Cost Recovery Factor, Oct. 1990 - March 1991 |
| * <u>(RFT/ADR-3)</u> | Tomczak Remmers (TECO) | Gannon Conversion Project Comparison of Projected Payoff with Original Estimate as of May 1990 |

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 10

PARTIES' STATEMENTS OF BASIC POSITIONS

It is not necessary for parties to provide a statement of basic position on generic, recurring issues. Parties who elected not to provide a statement of basic position are indicated by "N/A".

Florida Power Corporation (FPC):

Florida Power Corporation's basic position is that its fuel cost factors and GPIF targets and ranges for the projection period have been properly calculated in accordance with the methods prescribed by the Commission based on reasonable projections, and that its fuel cost factors incorporate a true-up balance of prudently incurred actual costs, and a GPIF incentive amount derived from actual generation performance data in a manner consistent with the Commission's GPIF Implementation Manual. Accordingly, FPC's fuel cost factors and GPIF targets and ranges should be approved.

Florida Power & Light Company (FPL):

Florida Power & Light Company requests this Commission to approve 2.182 cents per kwh as its levelized fuel recovery charge for non-time differentiated rates and 2.354 cents per kwh and 2.114 cents per kwh as its levelized fuel cost recovery charges for the on-peak and off-peak periods respectively as its time differentiated rates, and to approve a charge of .569 cents per kwh as its oil backout cost recovery factor, all charges being for the October 1990 through March, 1991 billing period effective starting with meter readings scheduled to be read on or after October 1, 1990 through March, 1991, and to continue these charges in effect until modified by subsequent order of this Commission. FPL also requests this Commission to approve the proposed generation Performance Incentive Factor (GPIF) targets of 74.2% for weighted system equivalent availability and 9988 BTU/kwh for weighted system average net operating heat rate for the period October 1, 1990 through March 31, 1991.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 11

Florida Public Utilities Company (FPUC):

The Commission should approve Florida Public Utilities Company's calculation of its fuel adjustment projections and true-up calculations, including the proposed fuel adjustment factors of 2.906 ¢/kwh (Marianna) and 4.967 ¢/kwh (Fernandina Beach) before adjustment for demand cost recovery and line losses.

Gulf Power Company (Gulf):

It is the basic position of Gulf Power Company that the proposed Fuel factors present the best estimate of Gulf's Fuel expense for the period October, 1990 through March, 1991, including the true-up calculations, GPIF and other adjustments allowed by the Commission.

Tampa Electric Company (TECO):

The Commission should approve Tampa Electric's calculation of its fuel adjustment, GPIF, and oil backout cost recovery true-up calculations and projections, including the proposed fuel adjustment factor of 2.579 cents per KWH before application of factors which adjust for variation in line losses; a GPIF penalty of \$89,000; and an oil backout cost recovery factor of .154 cents per KWH.

Florida Industrial Power Users Group (FIPUG):

FIPUG's positions are set out under the individual issues.

The Office of Public Counsel (OPC):

Only prudent and reasonably incurred fuel costs should be allowed cost recovery.

Gulf Power Company should be ordered to make the appropriate adjustments to remove all costs (and revenues) related to the 198 railcars disallowed cost recovery by the Commission vote at the February 1990 hearing. This adjustment should be made for prior periods with interest.

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 12

Tampa Electric Company should be ordered to justify its entering into new contracts with Gatliff and TECO Transport and Trade without bid solicitations, at higher prices than the pre-existing cost-plus agreements, at significantly higher tonnage commitments.

Florida Power Corporation should be ordered to refund certain amounts charged to its customers for replacement fuel costs attributed to outages at the Crystal River #3 nuclear unit during the period November 1988 through 1989. Refunds should be ordered to the extent FPC is unable, by a preponderance of evidence, to establish that its replacement fuel costs were rudent in amount and did not result from imprudent management of Crystal River 3.

Staff:

None at this time.

STATEMENT OF ISSUES AND POSITIONS

Stipulated issues are indicated with an asterisk (*).

Generic Fuel Adjustment Issues

1. ISSUE: What are the appropriate final fuel adjustment true-up amounts for the period October, 1989 through March, 1990?

The parties have agreed to all true-up amounts, subject to adjustment for Commission vote on specific issues herein which affect FPC and TECO.

Staff: (Items not in dispute are indicated with an asterisk.)

| | | | |
|--------|---------------------|--------------|----------------|
| *FPC: | Agree with utility: | \$ 6,535,708 | underrecovery. |
| *FPL: | Agree with utility: | \$ 3,551,192 | underrecovery. |
| *FPUC: | Agree with utility: | \$ 196,386 | overrecovery. |
| | | | (Marianna). |
| | (Fernandina Beach) | \$ 96,385 | overrecovery. |

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 13

*GULF: Agree with utility: \$ 2,802,753 underrecovery.
 *TECO: Agree with utility: \$ 976,475 underrecovery.

FPC: \$6,535,708 under-recovery (Wieland)

FPL: \$3,551,192 underrecovery. (Babka)

FPUC: \$ 196,386 overrecovery (Marianna).
 \$ 96,385 overrecovery (Fernandina Beach).
 (Bachman)

GULF: \$2,802,753 underrecovery. (Ranney)

TECO: \$ 976,475 underrecovery. (Mulder)

FIPUG: No position.

OPC:

FPC: Agree with company, adjusted for Commission vote on specific issues.

FPL: Agree with company.

FPUC: Fernandina: Agree with company.

Marianna: Agree with company.

GULF: Agree with company.

TECO: Agree with company, adjusted for Commission vote on specific issues.

2. ISSUE: What are the estimated fuel adjustment true-up amounts for the period April, 1990 through September, 1990?

The parties have agreed to all true-up amounts, subject to adjustment for Commission vote on specific issues herein which affect FPC and TECO.

Staff: (Items not in dispute are indicated with an asterisk.)

*FPC: Agree with utility: \$ 5,063,719 underrecovery.

*FPL: Agree with utility: \$15,453,797 underrecovery.

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 14

*FPUC: Agree with utility: \$ 104,532 underrecovery (Marianna).
 \$ 85,115 underrecovery (Fernandina Beach).
 *GULF: Agree with utility: \$ 3,250,788 overrecovery.
 *TECO: Agree with utility: \$ 7,879,225 underrecovery.

FPC: \$ 5,063,719 underrecovery. (Wieland)

FPL: \$15,453,797 underrecovery. (Babka)

FPUC: \$ 104,532 underrecovery (Marianna).
 \$ 85,115 underrecovery (Fernandina Beach).
 (Bachman)

GULF: \$ 3,250,788 overrecovery. (Ranney)

TECO: \$ 7,879,225 underrecovery. (Mulder)

FIPUG: No position.

OPC:

FPC: Agree with company, adjusted for Commission vote on specific issues.

FPL: Agree with company.

FPUC: Fernandina: Agree with company.
 Marianna: Agree with company.

GULF: Agree with company.

TECO: Agree with company, adjusted for Commission vote on specific issues.

3. ISSUE: What are the total fuel adjustment true-up amounts to be collected during the period October, 1990 through March, 1991?

The parties have agreed to true-up amounts for FPC, FPUC, GULF, and TECO, subject to adjustment for Commission vote on specific issues herein which affect FPC and TECO. FIPUG may dispute FPL's true-up amount.

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 15

Staff: (Items not in dispute are indicated with an asterisk.)

*FPC: Agree with utility: \$11,599,427 underrecovery.
FPL: Agree with utility: \$19,004,989 underrecovery.
 *FPUC: Agree with utility: \$ 91,854 overrecovery.
 (Marianna)
 \$ 11,270 overrecovery.
 (Fernandina Beach)
 *GULF: Agree with utility: \$4,619,551 overrecovery
 *TECO: Agree with utility: \$8,855,700 underrecovery

FPC: \$11,599,427 underrecovery. (Wieland)

FPL: \$19,004,989 underrecovery. (Babka)

FPUC: \$ 91,854 overrecovery. (Marianna).
 \$ 11,270 overrecovery. (Fernandina Beach).
 (Bachman)

GULF: \$ 4,619,551 overrecovery. (Ranney)

TECO: \$ 8,855,700 underrecovery. (Mulder)

FIPUG: FIPUG has no position on the utilities other than FPL. As to FPL, FIPUG currently has no position but reserves the right to take a position pending evidence on FPL's projected oil costs and its voluntary removal of Turkey Point Units 3 and 4 from service in November.

OPC:

FPC: Agree with company, adjusted for Commission vote on specific issues.

FPL: Agree with company.

FPUC: Fernandina: Agree with company.
 Marianna: Agree with company.

GULF: Agree with company.

TECO: Agree with company, adjusted for Commission vote on specific issues.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 16

4. ISSUE: What are the appropriate levelized fuel cost recovery factors for the period October, 1990, through March, 1991?

The parties have agreed to true-up amounts for FPC, FPUC, GULF, and TECO, subject to adjustment for Commission vote on specific issues herein which affect FPC and TECO. FIPUG may dispute FPL's true-up amount.

Staff: (Items not in dispute are indicated with an asterisk.)

- *FPC: Agree with utility.
- FPL: Agree with utility.
- *FPUC: Agree with utility.
- *GULF: Agree with utility.
- *TECO: Agree with utility.

FPC: See attachment A. (Wieland)

FPL: 2.182 cents/kwh is the levelized recovery charge for non-time differentiated rates and 2.354 cents/kwh and 2.114 cents/kwh are the levelized fuel recovery charges for the on-peak and off-peak periods, respectively, for the differentiated rates. (Dubin)

FPUC: 2.906 cents/kwh (Marianna).
4.967 cents/kwh (Fernandina Beach).
(Bachman) These factors are calculated to include true-up and revenue tax, exclude demand cost recovery, and have not been adjusted for line losses (See Issue 7).

GULF: 2.167 cents/kwh. (Ranney)

TECO: 2.579 cents/kwh before application of the factors which adjust for variations in line losses. (Mulder)

FIPUG: FIPUG has no position on the utilities other than FPL. As to FPL, FIPUG currently has no position but reserves the right to take a position pending evidence on FPL's projected oil costs and its voluntary removal of Turkey Point Units 3 and 4 from service in November.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 17

OPC:

FPC: Agree with company, adjusted for Commission vote on specific issues.

FPL: Agree with company, adjusted for Commission vote on specific issues.

FPUC: Fernandina: Agree with company.

Marianna: Agree with company.

GULF: The appropriate adjustments should be made to remove 198 of the Plant Daniel railcars from recoverable expenses as the Commission ordered at the February 1990 fuel hearing. This adjustment should include appropriate refunds for prior periods with interest.

TECO: Agree with company, adjusted for Commission vote on specific issues.

- *5. STIPULATED ISSUE: What should be the effective date of the new fuel adjustment charge, oil backout charge and conservation cost recovery charge for billing purposes?

The factor should be effective beginning with the specified fuel cycle and thereafter for the period October, 1990, through March, 1991. Billing cycles may start before October 1, 1990, and the last cycle may be read after March 31, 1991, so that each customer is billed for six months regardless of when the adjustment factor became effective.

- *6. STIPULATED ISSUE: What are the appropriate fuel recovery loss multipliers to be used in calculating the fuel cost recovery factors charged to each rate class?

The appropriate fuel recovery loss multipliers are listed in Attachment A hereto.

- *7. STIPULATED ISSUE: What are the appropriate Fuel Cost Recovery Factors for each rate group adjusted for line losses?

The appropriate fuel cost recovery factors for each rate group, adjusted for line losses, are shown in Attachment A hereto. Unless the Commission objects, this issue may be omitted from future hearings as it is a "fall out" issue.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 18

Company-Specific Fuel Adjustment Issues

Florida Power Corporation

7a. (This issue will not be heard during the August, 1990 hearing, and will be set for hearing at a later date.)
ISSUE: Is it appropriate for FPC to recover replacement fuel cost for the Crystal River Unit 3 outages? (OPC - This issue was deferred from August 1989 hearing.)

7b. ISSUE: What is the proper amount of FPC's Billing Credit True-Up based on the flow-through of unprotected excess deferred taxes in accordance with Commission Order No. 18627? (FPC)

STAFF: No position at this time.

FPC: In accordance with Commission Order No. 18627 in Docket No. 870220-EI (the company's last rate case), a Billing Credit True-Up charge of \$1,614,295 has been included in the calculation of the company's levelized fuel cost factors to recover an excess flow-through of certain "unprotected" deferred income taxes in calendar years 1988 and 1989. Order No. 18627 specifies that any difference between the predetermined amount of deferred taxes and the amount of the actual flow-through "shall be subject to true-up by including the difference (either debit or credit) with interest in FPC's fuel costs recovery charge." (Wieland)

FIPUG: No position.

OPC: No position.

Florida Power & Light Company

7c. ISSUE: Is it appropriate for FPL to recover for the cost associated with the Orimulsion Test through the Fuel Adjustment Clause? (FPL)

STAFF: Agree with FPL.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 19

FPL: Yes. Assuming that the test proves that Orimulsion can be used economically in the FPL system, FPL's customers will receive the following benefits once the units are permanently converted to use Orimulsion: 1) Lower total energy costs; 2) A reduction in dependence on oil and natural gas, and; 3) An increase in the overall diversity of the fuel supply in the FPL system, which reduces the risk of dependence on any particular fuel. FPL's customers would see these benefits in a lower fuel cost recovery charge after the units are permanently converted to use Orimulsion. Recovery of the costs of the Orimulsion tests through the Fuel Adjustment Clause would be consistent with the treatment granted by the Commission in Docket No. 790898-EU, Order No. 9224 for costs incurred in testing Coal-Oil Mixture at the Sanford Plant in 1981 and 1982. (Silva)

FIPUG: No position.

OPC: No. Research and development costs are not appropriate costs for recovery through the fuel cost recovery clause. These costs should be recovered through base rates.

Tampa Electric Company

- 7d. ISSUE: Was it prudent for TECO to sign a new contract with TECO Transport and Trade implementing a higher transportation cost than TECO was obligated to pay under the previous cost-plus contracts? (OPC)

STAFF: No position at this time.

TECO: Tampa Electric disagrees with the argumentative manner in which this issue is worded. Tampa Electric believes it was prudent for the company to enter into this agreement as evidenced by the market based benchmark procedure which the Commission approved. (Cantrell and Rowe)

FIPUG: No position.

OPC: No.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 20

- 7e. ISSUE: Under the stipulated methodology approved in Order No. 20298, issued in Docket No. 870001-EI-A on November 10, 1988, should the amounts paid by Tampa Electric for coal and coal transportation provided by its affiliates be approved for recovery through the fuel adjustment clause? (TECO)

STAFF: Yes.

TECO: Yes. (Cantrell and Rowe)

FIPUG: No position.

OPC: While TECO's average cost of coal and transportation may meet the market price benchmark, TECO has imprudently entered into new contracts with its affiliates Gatliff and Teco Transport & Trade, causing increased costs to be passed on to its customers.

- 7f. ISSUE: Are TECO's payments to its affiliated coal and transportation suppliers automatically deemed prudent by meeting the market price benchmark? (OPC)

STAFF: No.

TECO: Tampa Electric objects to Public Counsel's use of the term "automatically" in phrasing this issue because of the connotation that term has in the context of rate regulation. These payments are and have been deemed prudent by the Commission since the issuance of Order No. 20298 in Docket No. 870001-EI-A as long as the contracts between Tampa Electric and its affiliated suppliers are properly administered by Tampa Electric and the resulting prices do not exceed the benchmark zone of reasonableness, or if they do, Tampa Electric adequately justifies the excess. (Cantrell and Rowe)

FIPUG: No position.

OPC: No. Meeting the market price benchmark shows that TECO's average cost of coal purchased from Gatliff and the average transportation cost paid to TECO Transport and Trade is reasonable. This does not mean that all costs incurred are prudent. The opportunity still exists to

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 21

challenge any component of those costs or management decisions if there are prudence issues relating to them.

7g. ISSUE: Was it prudent for TECO to enter into a new contract with Gatliff, substantially increasing the minimum tonnage commitment to Gatliff, without bid solicitations? (OPC)

STAFF: No position at this time.

TECO: Yes. As Tampa Electric demonstrated in Docket No. 870001-EI-A, the renegotiation of the Tampa Electric Gannon coal supply contract from one-half million tons per year to 1.1 million tons per year was fully justified on the basis of the conversion of Gannon Units 1-4 to burn coal instead of oil. The contract minimum had been rendered inadequate by the conversion of these units. A new contract minimum was needed to satisfy the company's policy of maintaining long-term contracts whose minimums cover approximately 80% of the company's retail load requirements. Bid solicitations would not have been appropriate. This was a renegotiation of an existing contract that had nine years remaining. Moreover, Tampa Electric's experience indicates that there are no other reliable suppliers who could meet the company's volume and quality requirements on a long-term basis.

The prices paid by Tampa Electric for coal pursuant to the renegotiated agreement have compared favorably with the Commission approved benchmark and, thus, qualify for cost recovery pursuant to Order No. 20298, issued in Docket No. 870001-EI-A on November 10, 1988. (Cantrell and Rowe)

FIPUG: No position.

OPC: No. As Mr. Pyrdol testified, in Docket No. 870001-EI-A, Gatliff only produced approximately one half of the coal that was being delivered to TECO under the cost-plus agreement. If Gatliff could go out and purchase coal (of the quality needed for Gannon) and resell it as Gatliff coal to TECO, TECO could just as easily purchase the same coal. It is Public Counsel's understanding that Gatliff has been purchasing coal from Reading & Bates at spot price and selling it to TECO at the contract price.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 22

It also appears that some coal from the Rich Mountain coal reserves is being sold as Gatliff coal. If TECO's commitment wasn't so high, TECO could purchase spot coal directly, or possibly supplement its purchase for Gannon at a lower cost.

- 7h. ISSUE: Is the actual cost of coal FOB Gatliff for the year 1989 below the zone of reasonableness as determined by the "Market Based Coal Calculation" outlined in Order No. 20298 issued on November 10, 1988 in Docket No. 870001-EI-A?

STAFF: Yes.

TECO: Yes. (Cantrell and Rowe)

FIPUG: No position.

OPC: While TECO's average cost of coal and transportation may meet the market price benchmark, TECO has imprudently entered into new contracts with its affiliates Gatliff and Teco Transport & Trade, causing increased costs to be passed on to its customers.

- 7i. ISSUE: Is the actual cost of waterborne movements of coal for the year of 1989 below the zone of reasonableness as determined by the "Transportation Benchmark Calculation" outlined in Order No. 20298 issued on November 10, 1988 in Docket No. 870001-EI-A?

STAFF: Yes.

TECO: Yes. (Cantrell and Rowe)

FIPUG: No position.

OPC: While TECO's average cost of coal and transportation may meet the market price benchmark, TECO has imprudently entered into new contracts with its affiliates Gatliff and Teco Transport & Trade, causing increased costs to be passed on to its customers.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 23

Generic Generating Performance Incentive Factor Issues

- *8. STIPULATED ISSUE: What is the appropriate GPIF reward or penalty for performance achieved during the period October, 1989 through March, 1990?

FPC: \$1,047,893 reward.
FPL: \$1,697,370 reward.
GULF: \$ 130,155 reward.
TECO: \$ 89,000 penalty.

- *9. STIPULATED ISSUE: What should the GPIF targets/ranges be for the period October, 1990 through March, 1991?

STAFF: Agree with utilities: the appropriate targets and ranges are shown in Attachment B hereto.

FPC See Attachment B.

FPL See Attachment B.

Gulf See Attachment B.

TECO See Attachment B.

FIPUG: No position.

OPC: No position.

- 9a. ISSUE: Have the four investor owned utilities completed sufficient planning to alleviate the problems that occurred in the state during the December, 1989 freeze?

STAFF: No position at this time.

FPC: Yes. (Wieland)

FPL: Yes.

GULF: Yes.

TECO: Yes. (Cantrell and Rowe))

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 24

FIPUG: No position.

OPC: No position.

Company-Specific GPIF Issues

No company-specific GPIF issues were raised by the parties.

Generic Oil Backout Issues

- *10. STIPULATED ISSUE: What is the final oil backout true-up amount for the October, 1989 through March, 1990 period?

FPL: \$1,084,557 overrecovery.

TECO: \$1,606,204 underrecovery.

- *11. STIPULATED ISSUE: What is the estimated oil backout true-up amount for the period April, 1990 through September, 1990?

FPL: \$4,097,339 overrecovery.

TECO: \$ 702,845 overrecovery.

- *12. STIPULATED ISSUE: What is the total oil backout true-up amount to be collected during the period October, 1990 through March, 1991?

FPL: \$5,181,896 overrecovery.

TECO: \$1,431,698 underrecovery.

- *13. STIPULATED ISSUE: What is the projected oil backout cost recovery factor for the period October, 1990 through March, 1991?

FPL: .569/kwh.

TECO: .154 cents/kwh.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 25

Company-Specific Oil Backout Issues

No company-specific oil backout issues were raised by the parties.

CONFIDENTIALITY ISSUES

14. ISSUE: Are the documents which were preliminarily denied confidential classification in Order No. 22596, issued by the Commission on February 26, 1990, actually entitled to such classification pursuant to Section 366.093, Fla. Stat.? (TECO)

STAFF: Yes, for the reasons set forth in Order No. 22596.

TECO: Yes. (Rowe)

FIPUG: No position.

OPC: No.

STIPULATED ISSUES

Issues 6, 7, 8, 10, 11, 12, and 13 were stipulated by the parties.

MOTIONS

There are no motions pending at this time.

OTHER MATTERS

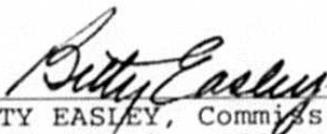
At the prehearing conference the parties were placed on notice that Commission Staff intends to question the fuel forecast witness for each witness regarding fuel forecasts in light of the recent Iraqi invasion of Kuwait.

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that these proceedings shall be governed by this order unless modified by the Commission.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 26

By ORDER of Commissioner Betty Easley, Prehearing Officer,
this 22nd day of AUGUST, 1990.



BETTY EASLEY, Commissioner
and Prehearing Officer

(S E A L)

(7594L)MER:bmi

TOTAL FUEL COST FOR THE PERIOD: October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
 DATE: 8/6/90
 PAGE 1 of 9

| COMPANY | PROPOSED October 1990 - March 1991 TOTAL FUEL COST CENTS PER KWH | | | PRESENT April 1990 - September 1990 TOTAL FUEL COST CENTS PER KWH | | | DIFFERENCE TOTAL FUEL COST CENTS PER KWH | | | LINE LOSS MULTIPLIER |
|--------------------|--|---------|----------|---|---------|----------|---|---------|----------|-------------------------|
| | Levelized | On/Peak | Off/Peak | Levelized | On/Peak | Off/Peak | Levelized | On/Peak | Off/Peak | |
| Fla. Power & Light | 2.182 | 2.354 | 2.114 | 2.278 | 2.475 | 2.181 | -0.096 | -0.121 | -0.067 | 1.00136 |
| Fla. Power Corp. | 2.309 | 2.593 | 2.200 | 2.449 | 3.408 | 2.135 | -0.140 | -0.815 | 0.065 | 1.00270 |
| Tampa Electric | 2.579 | 2.814 | 2.466 | 2.493 | 2.967 | 2.267 | 0.086 | -0.153 | 0.199 | 1.01470 |
| Gulf Power | 2.167 | 2.281 | 2.123 | 2.436 | 2.612 | 2.355 | -0.269 | -0.331 | -0.232 | 1.01228 |
| Fla. Public | | | | | | | | | | |
| Marianna (1) | 4.931 | 0.000 | 0.000 | 4.972 | 0.000 | 0.000 | -0.041 | 0.000 | 0.000 | 1.01260 |
| Fernandina (1)(5) | 5.839 | 0.000 | 0.000 | 5.946 | 0.000 | 0.000 | -0.107 | 0.000 | 0.000 | 1.00000 |

COST FOR 1000 KWH RESIDENTIAL SERVICE

PRESENT April 1990 - September 1990

| | Fla. Power & Light | Fla. Power Corp. | Tampa Electric | Gulf Power (3) Winter Summer | Fla. Public Marianna Fernandina |
|---------------------|--------------------|------------------|----------------|---------------------------------|------------------------------------|
| Base | 47.38 (7) | 44.33 | 50.34 (9) | 38.65 44.46 (8) | 17.22 19.20 |
| Fuel (2) | 22.80 | 24.57 | 25.30 | 24.66 24.66 | 50.35 59.46 |
| Oil Backout | 4.82 | 0.00 | 1.21 | 0.00 0.00 | 0.00 0.00 |
| Energy Conservation | 0.44 | 1.92 | 1.11 | 0.07 0.07 | 0.03 0.08 |
| Total | \$75.44 | \$70.82 | \$77.96 | \$63.38 \$69.19 | \$67.60 \$78.74 |

PROPOSED: October 1990 - March 1991

| | Fla. Power & Light | Fla. Power Corp. | Tampa Electric | Gulf Power (3) Winter Summer | Fla. Public Marianna Fernandina |
|---------------------|--------------------|------------------|----------------|---------------------------------|------------------------------------|
| Base | 47.38 (7) | 44.33 | 50.34 (9) | 38.65 44.46 (8) | 17.22 19.20 (6) |
| Fuel (2) | 21.85 | 23.15 | 26.17 | 21.94 21.94 | 49.93 58.39 |
| Oil Backout | 5.69 | 0.00 | 1.54 | 0.00 0.00 | 0.00 0.00 |
| Energy Conservation | 0.84 | 2.33 | 1.07 | 0.13 0.13 | 0.17 0.07 |
| Total | \$75.76 | \$69.81 | \$79.12 | \$60.72 \$66.53 | \$67.32 \$77.66 |

DIFFERENCE

| | Fla. Power & Light | Fla. Power Corp. | Tampa Electric | Gulf Power (3) Winter Summer | Fla. Public Marianna Fernandina |
|---------------------|--------------------|------------------|----------------|---------------------------------|------------------------------------|
| Base | 0.00 | 0.00 | 0.00 | 0.00 5.81 (4) | 0.00 0.00 |
| Fuel (2) | -0.95 | -1.42 | 0.87 | -2.72 -2.72 | -0.42 -1.07 |
| Oil Backout | 0.87 | 0.00 | 0.33 | 0.00 0.00 | 0.00 0.00 |
| Energy Conservation | 0.40 | 0.41 | -0.04 | 0.06 0.06 | 0.14 -0.01 |
| Total | 0.32 | -1.01 | 1.16 | -2.66 -2.66 | -0.28 -1.08 |

(1) Fuel costs include purchased power demand costs of 2.025 for Marianna and 0.872 cents/KWH for Fernandina allocated to the residential class.
 (2) Adjusted for line loss. (3) Winter = October-May Summer = June-September. (4) Difference between winter and summer is increase in base rate.
 (5) All classes except GSLD. (6) Reflects Marianna's rates of \$17.22 per 6/89 final order, and Fernandina's rates of \$19.20 per 10/89 final order.
 (7) Reflects reduction in FPL base rates due to Tax Savings Docket 890319-EI (8) Gulf's base rates include interim rate changes effective 3/10/90.
 (9) Reflects reduction in TECO's base rates due to Tax Savings Docket 891140-EI.

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 28

ATTACHMENT A

FUEL ADJUSTMENT CENTS PER KWH BASED ON LINE LOSSES BY RATE GROUP

DIVISION OF ELECTRIC AND GAS
DATE: 18-Jul-90
PAGE 2 of 9

FOR THE PERIOD: October 1990 - March 1991

| COMPANY | GROUP | RATE SCHEDULES | WITHOUT LINE LOSS MULTIPLIER | | | LINE LOSS MULTIPLIER | WITH LINE LOSS MULTIPLIER | | | |
|----------|------------|---------------------------------|------------------------------|---------|----------|----------------------|---------------------------|--------------|----------|-------|
| | | | Levelized* | On/Peak | Off/Peak | | Levelized | On/Peak | Off/Peak | |
| FP&L | A | RS-1,GS-1,SL-2 | 2.182 | 2.354 | 2.114 | 1.00136 | 2.184 | 2.357 | 2.117 | |
| | A-1 | SL-1,OL-1 | 2.152 | 0.000 | 0.000 | 1.00136 | 2.155 | 0.000 | 0.000 | |
| | B | GSD-1 | 2.182 | 2.354 | 2.114 | 1.00132 | 2.184 | 2.357 | 2.117 | |
| | C | GSLD-1,CS-1 | 2.182 | 2.354 | 2.114 | 1.00048 | 2.183 | 2.355 | 2.115 | |
| | D | GSLD-2,CS-2,OS-2,MET | 2.182 | 2.354 | 2.114 | 0.99475 | 2.170 | 2.342 | 2.103 | |
| | E | GSLD-3,CS-3 | 2.182 | 2.354 | 2.114 | 0.97155 | 2.119 | 2.287 | 2.054 | |
| | F | IST-1,ISST-1 | | 2.354 | 2.114 | 0.99805 | | 2.349 | 2.110 | |
| FPC | A | Distribution Secondary Delivery | 2.309 | 2.593 | 2.200 | 1.00270 | 2.315 | 2.600 | 2.206 | |
| | A-1 | OL-1,SL-1 | 2.273 | 0.000 | 0.000 | 1.00270 | 2.280 | 0.000 | 0.000 | |
| | B | Distribution Primary Delivery | 2.309 | 2.593 | 2.200 | 0.99180 | 2.290 | 2.572 | 2.182 | |
| | C | Transmission Delivery | 2.309 | 2.593 | 2.200 | 0.98150 | 2.266 | 2.545 | 2.159 | |
| TECO | A | RS,GS,TS | 2.579 | 2.814 | 2.466 | 1.01470 | 2.617 | 2.855 | 2.502 | |
| | A-1 | SL-1,2,3,OL-1,2 | 2.518 | 0.000 | 0.000 | 1.01470 | 2.555 | 0.000 | 0.000 | |
| | B | GSD,GSLD | 2.579 | 2.814 | 2.466 | 0.99750 | 2.573 | 2.807 | 2.460 | |
| | C | IS-1,IS-3 | 2.579 | 2.814 | 2.466 | 0.96860 | 2.498 | 2.726 | 2.389 | |
| GULF | A | RS,GS,GSD,OS-3 | 2.167 | 2.281 | 2.123 | 1.01228 | 2.194 | 2.309 | 2.149 | |
| | B | LP | 2.167 | 2.281 | 2.123 | 0.98106 | 2.126 | 2.238 | 2.083 | |
| | C | PX | 2.167 | 2.281 | 2.123 | 0.96230 | 2.085 | 2.195 | 2.043 | |
| | D | OS-1,OS-2 | 2.158 | 0.000 | 0.000 | 1.01228 | 2.185 | 0.000 | 0.000 | |
| FPUC | Fernandina | A | RS | 5.839 | 0.000 | 0.000 | 1.00000 | 5.839 | 0.000 | 0.000 |
| | | B | GS | 5.679 | 0.000 | 0.000 | 1.00000 | 5.679 | 0.000 | 0.000 |
| | | C | GSD | 5.565 | 0.000 | 0.000 | 1.00000 | 5.565 | 0.000 | 0.000 |
| | | D | OL, OL-2, SL-2, SL-3, CSL | 5.214 | 0.000 | 0.000 | 1.00000 | 5.214 | 0.000 | 0.000 |
| | | E | GSLD | | | | (1) | 4.810 | | |
| | | | | | | | (2) | \$3.77/CP KW | | |
| Marianna | A | RST, RS | 4.931 | 0.000 | 0.000 | 1.01260 | 4.993 | 0.000 | 0.000 | |
| | B | GS | 4.674 | 0.000 | 0.000 | 0.99630 | 4.657 | 0.000 | 0.000 | |
| | C | GSD | 4.250 | 0.000 | 0.000 | 0.99630 | 4.234 | 0.000 | 0.000 | |
| | D | OL, OL-2 | 2.905 | 0.000 | 0.000 | 1.01260 | 2.942 | 0.000 | 0.000 | |
| | E | SL-1, SL-2, SL-3 | 2.906 | 0.000 | 0.000 | 0.98810 | 2.871 | 0.000 | 0.000 | |

(1) Group line losses reflected on schedule E1

(2) Informational Purposes Only-GSLD class is billed actual fuel cost

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 29

ATTACHMENT A

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD OF : October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
DATE: 8/6/90
PAGE 3 OF 9

| CLASSIFICATION | -----FLORIDA POWER & LIGHT COMPANY----- | | |
|---|---|-------------------------------------|---|
| | Classification Associated \$ | Classification Associated KWH | Classification Associated cents/KWH |
| 1.Fuel Cost of System Net Generation (E3) | 385,799,371 | 20,420,742,000 | 1.88925 |
| 2.Spent NUC Fuel Disposal Cost (E2) | 7,647,000 | 7,645,661,000 (a) | 0.10002 |
| 3.Coal Car Investment | 253,475 | 0 | 0.00000 |
| 4.Adjustments to Fuel Cost | 11,633,000 | 0 | 0.00000 |
| 5.TOTAL COST OF GENERATED POWER | 405,332,846 | 20,420,742,000 | 1.98491 |
| 6.Fuel Cost of Purchased Power - Firm (E8) | 184,803,200 | 9,596,200,000 | 1.92580 |
| 7.Energy Cost of Sch.C,X Economy Purchases (Broker) (E9) | 30,445,900 | 1,408,200,000 | 2.16204 |
| 8.Energy Cost of Economy Purchases (Non-Broker) (E9) | 38,440,200 | 1,597,700,000 | 2.40597 |
| 9.Energy Cost of Sch.E Purchases (E9) | 0 | 0 | 0.00000 |
| 10.Capacity Cost of Sch.E Economy Purchases (E2) | 0 | 0 | 0.00000 |
| 11.Payments to Qualifying Facilities (E8A) | 19,898,100 | 790,700,000 | 2.51652 |
| 12.TOTAL COST OF PURCHASED POWER | 273,587,400 | 13,392,800,000 | 2.04279 |
| 13.TOTAL AVAILABLE KWH | | 33,813,542,000 | |
| 14.Fuel Cost of Economy Sales (E7) | (5,321,600) | (170,000,000) | 3.13035 |
| 15.Gain on Economy Sales - 80% (E7A) | (1,532,640) | (170,000,000)(a) | 0.90155 |
| 16.Fuel Cost of Unit Power Sales (SL2 Partpts) (E7) | (1,802,900) | (250,700,000) | 0.71915 |
| 17.Fuel Cost of Other Power Sales (E7) | (2,554,600) | (87,900,000) | 2.90626 |
| 18.TOTAL FUEL COST AND GAINS OF POWER SALES | (11,211,740) | (508,600,000) | 2.20443 |
| 19.Net Inadvertant Interchange (E4) | 0 | 0 | 0.00000 |
| 20.TOTAL FUEL AND NET POWER TRANSACTIONS | 667,708,506 | 33,304,942,000 | 2.00483 |
| 21.Net Unbilled (E4) | 26,802,193 (a) | 1,336,879,000 | 0.08349 |
| 22.Company Use (E4) | 2,003,129 (a) | 99,915,000 | 0.00624 |
| 23.T & D Losses (E4) | 48,943,029 (a) | 2,441,252,000 (a) | 0.15247 |
| 24.Adjusted System KWH Sales | 667,708,506 | 32,100,654,000 | 2.08005 |
| 25.Wholesale KWH Sales | 7,788,352 | 374,431,000 | 2.08005 |
| 26.Jurisdictional KWH Sales | 659,920,154 | 31,726,223,000 | 2.08005 |
| 27.Jurisdictional KWH Sales Adjusted for Line Loss - 1.00035 | 660,151,126 | 31,726,223,000 | 2.08077 |
| 28.True-up * (derived in Attachment C) | 19,004,989 | 31,726,223,000 | 0.05990 |
| 29.Total Jurisdictional Fuel Cost | 679,156,115 | 31,726,223,000 | 2.14070 |
| 30.Revenue Tax Factor | | | 1.01652 |
| 31.Fuel Cost Adjusted for Taxes | | | 2.17610 |
| 32.GPIF* | 1,697,370 | 31,726,223,000 | 0.00540 |
| 33.Total fuel cost including GPIF | 680,853,485 | 31,726,223,000 | 2.18150 |
| 34.Total Fuel Cost Factor Rounded to the Nearest .001 cents per KWH (used in attachment B, pages 1 and 2 of 9) | | | 2.182 |

*Based on Jurisdictional Sales (a) included for informational purposes only.
Effective dates for billing purposes: 10/1/90-3/31/91

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 30

ATTACHMENT A

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD OF : October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
DATE: 8/6/90
PAGE 4 OF 9

| CLASSIFICATION | FLORIDA POWER CORPORATION | | |
|--|------------------------------|-------------------------------|-------------------------------------|
| | Classification Associated \$ | Classification Associated KWH | Classification Associated cents/KWH |
| 1.Fuel Cost of System Net Generation (E3) | 240,942,253 | 12,491,466,000 | 1.92885 |
| 2.Spent NUC Fuel Disposal Cost (E3A) | 2,448,623 | 2,448,623,000 (a) | 0.10000 |
| 3.Coal Car Investment | 0 | 0 | 0.00000 |
| 4.Adjustments to Fuel Cost | 0 | 0 | 0.00000 |
| 5.TOTAL COST OF GENERATED POWER | 243,390,876 | 12,491,466,000 | 1.94846 |
| 6.Fuel Cost of Purchased Power - Firm (E8) | 279,982 | 4,460,000 | 6.27762 |
| 7.Energy Cost of Sch.C,X Economy Purchases (Broker) (E9) | 12,325,000 | 350,000,000 | 3.52143 |
| 8.Energy Cost of Economy Purchases (Non-Broker) (E9) | 1,289,152 | 44,450,000 | 2.90023 |
| 9.Energy Cost of Sch.E Purchases (E9) | 15,163,582 | 709,520,000 | 2.13716 |
| 10.Capacity Cost of Sch.E Economy Purchases (E9B) | 10,974,000 | 709,520,000 (a) | 1.54668 |
| 11.Payments to Qualifying Facilities (E8A) | 12,231,372 | 362,800,000 | 3.37138 |
| 12.TOTAL COST OF PURCHASED POWER | 52,263,088 | 1,471,230,000 | 3.55234 |
| 13.TOTAL AVAILABLE KWH | | 13,962,696,000 | |
| 14.Fuel Cost of Economy Sales (E7) | (10,406,400) | (530,000,000) | 1.96347 |
| 14a.Gain on Economy Sales -80% (E7A) | (1,068,480) | (530,000,000) (a) | 0.20160 |
| 15.Fuel Cost of Other Power Sales (E7) | (190,328) | (8,405,000) | 2.26446 |
| 15a.Gain on Other Power Sales (E8) | (31,099) | (8,405,000) (a) | 0.37001 |
| 16.Fuel Cost of Seminole Backup Sales (E7) | (487,012) | (14,700,000) | 3.31301 |
| 16.(a)Gain on Seminole Back-up Sales (E7B) | (1,671,171) | (14,700,000) (a) | 11.36851 |
| 17.Fuel Cost of Seminole Supplemental Sales (E7) | (4,868,678) | (119,809,000) | 4.06370 |
| 18.TOTAL FUEL COST AND GAINS OF POWER SALES | (18,723,168) | (672,914,000) | 2.78240 |
| 19.Net Inadvertant Interchange (E4) | 0 | 0 | |
| 20.TOTAL FUEL AND NET POWER TRANSACTIONS | 276,930,796 | 13,289,782,000 | 2.08379 |
| 21.Net Unbilled (E4) | (7,022,114) (a) | 336,986,000 | -0.05459 |
| 22.Company Use (E4) | 1,906,677 (a) | (91,500,000) | 0.01482 |
| 23.T & D Losses (E4) | 13,978,985 (a) | (670,841,000) | 0.10866 |
| 24.Adjusted System KWH Sales | 276,930,796 | 12,864,427,000 | 2.15269 |
| 25.Wholesale KWH Sales(Excluding Seminole Supplemental) | (11,025,170) | (515,543,000) | 2.13855 |
| 26.Jurisdictional KWH Sales | 265,905,626 | 12,348,884,000 | 2.15328 |
| 27.Jurisdictional KWH Sales Adjusted for Line Loss - 1.0014 | 266,277,894 | 12,348,884,000 | 2.15629 |
| 28.Prior Period True-Up * | 11,599,427 | 12,348,884,000 | 0.09393 |
| 28a.Cost Plus Phase II Refund * | 1,614,295 | 12,348,884,000 | 0.01307 |
| 28b.TOU True-Up * | 0 | 0 | 0.00000 |
| 29.Total Jurisdictional Fuel Cost | 279,491,616 | 12,348,884,000 | 2.26329 |
| 30.Revenue Tax Factor | | | 1.01652 |
| 31.Fuel Cost Adjusted for Taxes | | | 2.30068 |
| 32.GPIF* | 1,047,893 | 12,348,884,000 | 0.00849 |
| 33.Total fuel cost including GPIF | 280,539,509 | 12,348,884,000 | 2.30917 |
| 34.Total Fuel Cost Factor Rounded to the Nearest .001 cents per KWH (used in Attachment B, pages 1 and 2 of 9) | | | 2.309 |

*Based on Jurisdictional Sales (a) included for informational purposes only.
Effective dates for billing purposes: 09/27/90-3/26/91

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 31

ATTACHMENT A

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD OF : October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
DATE: 8/6/90
PAGE 5 OF 9

| CLASSIFICATION | TAMPA ELECTRIC COMPANY | | |
|---|------------------------------|-------------------------------|-------------------------------------|
| | Classification Associated \$ | Classification Associated KWH | Classification Associated cents/KWH |
| 1. Fuel Cost of System Net Generation (E3) | 184,434,563 | 8,528,103,000 | 2.16267 |
| 2. Spent NUC Fuel Disposal Cost (E3A) | 0 | 0 | 0.00000 |
| 3. Coal Car Investment | 0 | 0 | 0.00000 |
| 4. Adjustments to Fuel Cost | 0 | 0 | 0.00000 |
| 5. TOTAL COST OF GENERATED POWER | 184,434,563 | 8,528,103,000 | 2.16267 |
| 6. Fuel Cost of Purchased Power - Firm (E8) | 222,600 | 2,978,000 | 7.47482 |
| 7. Energy Cost of Sch. C, X Economy Purchases (Broker) (E9) | 812,500 | 18,566,000 | 4.37628 |
| 8. Energy Cost of Economy Purchases (Non-Broker) (E9) | 0 | 0 | 0.00000 |
| 9. Energy Cost of Sch. E Purchases (E9) | 0 | 0 | 0.00000 |
| 10. Capacity Cost of Sch. E Economy Purchases | 0 | 0 (a) | 0.00000 |
| 11. Payments to Qualifying Facilities (E8A) | 6,582,500 | 204,932,000 | 3.21204 |
| 12. TOTAL COST OF PURCHASED POWER | 7,617,600 | 226,476,000 | 3.36354 |
| 13. TOTAL AVAILABLE KWH | | 8,754,579,000 | |
| 14. Fuel Cost of Economy Sales (E7) | 29,405,000 | 1,632,301,000 | 1.80144 |
| 15. Gain on Economy Sales - 80% (E7A) | 7,462,240 | 1,632,301,000 (a) | 0.45716 |
| 16. Fuel Cost of Schedule D Sales (E7) | 6,549,200 | 388,542,000 | 1.68558 |
| 17. Fuel Cost of Other Power Sales (E7) | 0 | 0 | 0.00000 |
| 18. TOTAL FUEL COST AND GAINS OF POWER SALES | 43,416,440 | 2,020,843,000 | 2.14843 |
| 19a. Net Inadvertant Interchange (E4) | 0 | | |
| 19b. Interchange and Wheeling Losses | | 37,042,000 | |
| 20. TOTAL FUEL AND NET POWER TRANSACTIONS | 148,635,723 | 6,696,694,000 | 2.21954 |
| 21. Net Unbilled (E4) | 0 (a) | 0 | 0.00000 |
| 22. Company Use (E4) | 426,152 (a) | 19,200,000 | 0.00659 |
| 23. T & D Losses (E4) | 4,664,652 (a) | 210,163,000 | 0.07213 |
| 24. Adjusted System KWH Sales | 148,635,723 | 6,467,331,000 | 2.29825 |
| 25. Wholesale KWH Sales | 0 | 0 | 0.00000 |
| 26. Jurisdictional KWH Sales | 148,635,723 | 6,467,331,000 | 2.29825 |
| 27. Jurisdictional KWH Sales Adjusted for Line Loss - 0 | 148,635,723 | 6,467,331,000 | 2.29825 |
| 28. True-up * (derived in Attachment C) | 8,855,700 | 6,467,331,000 | 0.13693 |
| 29. Pyramid Coal Contract Buyout Adjustment | 6,650,930 | 6,467,331,000 | 0.10284 |
| 30. Total Jurisdictional Fuel Cost | 164,142,353 | 6,467,331,000 | 2.53802 |
| 31. Revenue Tax Factor | | | 1.01652 |
| 32. Fuel Cost Adjusted for Taxes | 166,853,985 | | 2.57995 |
| 33. GPIF * (Already adjusted for taxes) | (89,000) | 6,467,331,000 | -0.00138 |
| 34. Total Fuel Cost including GPIF | 166,764,985 | 6,467,331,000 | 2.57857 |
| 35. Total Fuel Cost Factor Rounded to the Nearest .001 cents per KWH (used in Attachment B, pages 1 and 2 of 9) | | | 2.579 |

*Based on Jurisdictional Sales (a) included for informational purposes only.
Effective dates for billing purposes: 10/1/90 - 3/31/91

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 32

ATTACHMENT A

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD OF : October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
DATE: 8/6/90
PAGE 6 OF 9

| CLASSIFICATION | -----GULF POWER COMPANY----- | | |
|---|------------------------------------|-------------------------------------|---|
| | Classification Associated \$ | Classification Associated KWH | Classification Associated cents/KWH |
| 1.Fuel Cost of System Net Generation (E3) | 85,467,233 | 4,064,380,000 | 2.10284 |
| 2.Spent NUC Fuel Disposal Cost (E3A) | 0 | 0 | 0.00000 |
| 3.Coal Car Investment | 0 | 0 | 0.00000 |
| 4.Adjustments to Fuel Cost | 0 | 0 | 0.00000 |
| 5.TOTAL COST OF GENERATED POWER | 85,467,233 | 4,064,380,000 | 2.10284 |
| 6.Fuel Cost of Purchased Power - Firm (E8) | 0 | 0 | 0.00000 |
| 7.Energy Cost of Sch.C,X Economy Purchases (Broker) (E9) | 19,563,059 | 1,036,200,000 | 1.88796 |
| 8.Energy Cost of Economy Purchases (Non-Broker) (E9) | 0 | 0 | 0.00000 |
| 9.Energy Cost of Sch.E Purchases (E9) | 0 | 0 | 0.00000 |
| 10.Capacity Cost of Sch.E Economy Purchases (E2) | 0 | 0 | 0.00000 |
| 11.Payments to Qualifying Facilities (E8A) | 0 | 0 | 0.00000 |
| 12.TOTAL COST OF PURCHASED POWER | 19,563,059 | 1,036,200,000 | 1.88796 |
| 13.TOTAL AVAILABLE KWH | | 5,100,580,000 | |
| 14.Fuel Cost of Economy Sales (E7) | (244,900) | (13,680,000) | 1.79020 |
| 15.Gain on Economy Sales - 80% (E7A) | (312,160) | (82,500,000)(a) | 0.37838 |
| 16.Fuel Cost of Unit Power Sales (E7) | (13,128,720) | (603,300,000) | 2.17615 |
| 17.Fuel Cost of Other Power Sales (E7) | (9,456,839) | (639,481,000) | 1.47883 |
| 18.TOTAL FUEL COST AND GAINS OF POWER SALES | (23,142,619) | (1,256,461,000) | 1.84189 |
| 19.Net Inadvertant Interchange (E4) | 0 | | |
| 20.TOTAL FUEL AND NET POWER TRANSACTIONS | 81,887,673 | 3,844,119,000 | 2.13021 |
| 21.Net Unbilled (E4) | 0 | 0 | 0.00000 |
| 22.Company Use (E4) | (213,042)(a) | 10,001,000 | -2.13021 |
| 23.T & D Losses (E4) | (4,365,397)(a) | 204,928,000 | -2.13021 |
| 24.Adjusted System KWH Sales | 81,887,673 | 3,629,190,000 | 2.25636 |
| 25.Wholesale KWH Sales | 2,638,342 | 116,929,000 | 2.25636 |
| 26.Jurisdictional KWH Sales | 79,249,331 | 3,512,261,000 | 2.25636 |
| 27.Jurisdictional KWH Sales Adjusted for Line Loss - 1.00140 | 79,360,280 | 3,512,261,000 | 2.25952 |
| 28.True-up * (derived in Attachment C) | (4,619,551) | 3,512,261,000 | -0.13153 |
| 29.Total Jurisdictional Fuel Cost | 74,740,729 | 3,512,261,000 | 2.12799 |
| 30.Revenue Tax Factor | | | 1.01652 |
| 31.Fuel Cost Adjusted for Taxes | | | 2.16315 |
| 32.GPIF * | 130,155 | 3,512,261,000 | 0.00371 |
| 33.Total Fuel Cost including GPIF | 74,870,884 | 3,512,261,000 | 2.16685 |
| 34.Total Fuel Cost Factor Rounded to the Nearest .001 cents per KWH (used in Attachment B, pages 1 and 2 of 9) | | | 2.167 |

*Based on Jurisdictional Sales (a) included for informational purposes only.
Effective dates for billing purposes: 9/28/90-3/29/91

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 33

ATTACHMENT

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD OF : October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
DATE: 8/6/90
PAGE 7 OF 9

-----FLORIDA PUBLIC UTILITIES (MARIANNA)-----

| CLASSIFICATION | Classification Associated \$ | Classification Associated KWH | Classification Associated cents/KWH |
|---|------------------------------------|-------------------------------------|---|
| 1.Fuel Cost of System Net Generation (E3) | 0 | 300,000 | 0.00000 |
| 2.Spent NUC Fuel Disposal Cost (E3A) | 0 | 0 | 0.00000 |
| 3.Coal Car Investment | 0 | 0 | 0.00000 |
| 4.Adjustments to Fuel Cost | 0 | 0 | 0.00000 |
| 5.TOTAL COST OF GENERATED POWER | 0 | 300,000 | 0.00000 |
| 6.Fuel Cost of Purchased Power - Firm (E8) | 2,316,950 | 109,850,000 | 2.10919 |
| 7.Energy Cost of Sch.C,X Economy Purchases (Broker) (E9) | 0 | 0 | 0.00000 |
| 8.Energy Cost of Economy Purchases (Non-Broker) (E9) | 0 | 0 | 0.00000 |
| 9.Energy Cost of Sch.E Purchases (E9) | 0 | 0 | 0.00000 |
| 10.Demand & Non Fuel Cost of Purchased Power (E2) | 2,420,270 | 109,850,000 (a) | 2.20325 |
| 10a.Demand Costs of Purchased Power | 1,660,100 (a) | | |
| 10b.Non-Fuel Energy & Customer Costs of Purchased Power | 760,170 (a) | | |
| 11.Energy Payments to Qualifying Facilities (E8A) | 0 | 0 | 0.00000 |
| 12.TOTAL COST OF PURCHASED POWER | 4,737,220 | 109,850,000 | 4.31244 |
| 13.TOTAL AVAILABLE KWH | 4,737,220 | 110,150,000 | 4.30070 |
| 14.Fuel Cost of Economy Sales (E7) | 0 | 0 | 0.00000 |
| 15.Gain on Economy Sales - 80% (E7A) | 0 | 0 | 0.00000 |
| 16.Fuel Cost of Unit Power Sales (E7) | 0 | 0 | 0.00000 |
| 17.Fuel Cost of Other Power Sales (E7) | 0 | 0 | 0.00000 |
| 18.TOTAL FUEL COST AND GAINS OF POWER SALES | 0 | 0 | 0.00000 |
| 19.Net Inadvertant Interchange (E4) | | | |
| 20.TOTAL FUEL AND NET POWER TRANSACTIONS | 4,737,220 | 110,150,000 | 4.30070 |
| 21.Net Unbilled (E4) | 76,122 (a) | 1,770,000 | 0.07325 |
| 22.Company Use (E4) | 2,580 (a) | 60,000 | 0.00248 |
| 23.T & D Losses (E4) | 189,446 (a) | 4,405,000 | 0.18231 |
| 24.Adjusted System KWH Sales | 4,737,220 | 103,915,000 | 4.55875 |
| 25.Less Total Demand Cost Recovery | 1,674,803 | 0 | 0.00000 |
| 26.Jurisdictional KWH Sales | 3,062,417 | 103,915,000 | 2.94704 |
| 27.Jurisdictional KWH Sales Adjusted for Line Loss - 0 | 3,062,417 | 103,915,000 | 2.94704 |
| 28.True-up * (derived in Attachment C) | (91,854) | 103,915,000 | -0.08839 |
| 29.Total Jurisdictional Fuel Cost | 2,970,563 | 103,915,000 | 2.85865 |
| 30.Revenue Tax Factor | | | 1.01652 |
| 31.Fuel Cost Adjusted for Taxes | 3,499,562 | 103,915,000 | 2.90587 |
| 32.GPIF * | 0 | 103,915,000 | 0.00000 |
| 33.Total Fuel Cost including GPIF | 2,970,563 | 103,915,000 | 2.90587 |
| 34.Total Fuel Cost Factor Rounded to the Nearest .001 cents per KWH (used in Attachment B, pages 1 and 2 of 9) | | | 2.906 |

*Based on Jurisdictional Sales (a) included for informational purposes only.
Effective dates for billing purposes: 10/1/90 - 3/31/91

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 34

ATTACHMENT A

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD OF: October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
DATE: 8/6/90
PAGE 8 OF 9

-----FLORIDA PUBLIC UTILITIES (FERNANDINA)-----

| CLASSIFICATION | Classification Associated \$ | Classification Associated KWH | Classification Associated cents/KWH |
|---|------------------------------------|-------------------------------------|---|
| 1.Fuel Cost of System Net Generation (E3) | 0 | 0 | 0.00000 |
| 2.Spent NUC Fuel Disposal Cost (E3A) | 0 | 0 | 0.00000 |
| 3.Coal Car Investment | 0 | 0 | 0.00000 |
| 4.Adjustments to Fuel Cost | 0 | 0 | 0.00000 |
| 5.TOTAL COST OF GENERATED POWER | 0 | 0 | 0.00000 |
| 6.Fuel Cost of Purchased Power - Firm (E8) | 2,899,416 | 72,485,000 | 4.00002 |
| 7.Energy Cost of Sch.C,X Economy Purchases (Broker) (E9) | 0 | 0 | 0.00000 |
| 8.Energy Cost of Economy Purchases (Non-Broker) (E9) | 0 | 0 | 0.00000 |
| 9.Energy Cost of Sch.E Purchases (E9) | 0 | 0 | 0.00000 |
| 10.Capacity Cost of Sch.E Economy Purchases (E2) | 0 | 0 (a) | 0.00000 |
| 10a.Demand & Non Fuel Cost of Purchased Power | 1,535,456 | 72,485,000 | 2.11831 |
| 10b.Demand Costs of Purchased Power (E2) | 943,200 (a) | | |
| 10c.Non Fuel Energy and Customer Costs of Purchased Power (E2) | 592,256 (a) | | |
| 11.Energy Payments to Qualifying Facilities (E8A) | 1,218,000 | 30,000,000 | 4.06000 |
| 12.TOTAL COST OF PURCHASED POWER | 5,652,872 | 102,485,000 | 5.51580 |
| 13.TOTAL AVAILABLE KWH | | 102,485,000 | |
| 14.Fuel Cost of Economy Sales (E7) | 0 | 0 | 0.00000 |
| 15.Gain on Economy Sales - 80% (E7A) | 0 | 0 | 0.00000 |
| 16.Fuel Cost of Unit Power Sales (E7) | 0 | 0 | 0.00000 |
| 17.Fuel Cost of Other Power Sales (E7) | 0 | 0 | 0.00000 |
| 18.TOTAL FUEL COST AND GAINS OF POWER SALES | 0 | 0 | 0.00000 |
| 19.Net Inadvertant Interchange (E4) | | | |
| 20.TOTAL FUEL AND NET POWER TRANSACTIONS | 5,652,872 | 102,485,000 | 5.51580 |
| 21.Net Unbilled (E4) | (77,993) (a) | (1,414,000) | -0.07985 |
| 22.Company Use (E4) | 4,192 (a) | 76,000 | 0.00429 |
| 23.T & D Losses (E4) | 339,111 (a) | 6,148,000 | 0.34718 |
| 24.Adjusted System KWH Sales | 5,652,872 | 97,675,000 | 5.78743 |
| 25.Wholesale KWH Sales | 0 | 0 | 0.00000 |
| 26.Jurisdictional KWH Sales | 5,652,872 | 97,675,000 | 5.78743 |
| 27.Jurisdictional KWH Sales Adjusted for Line Loss - 0 | 5,652,872 | 97,675,000 | 5.78743 |
| 27a.GSLD KWH Sales (E11) | | 12,900,000 | |
| 27b.Other Classes KWH Sales (E11) | | 84,775,000 | |
| 27c.GSLD CP KW | | 66,000 | |
| 28. GPIF | | | |
| 29.True-up * (derived in Attachment C) | (11,270) | 97,675,000 | -0.01154 |
| 30.Total Jurisdictional Fuel Cost | 5,641,602 | 97,675,000 | 5.77589 |

ORDER NO. 23394
 DOCKET NO. 900001-EI
 PAGE 35

ATTACHMENT A

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
 ESTIMATED FOR THE PERIOD OF : October 1990 - March 1991

DIVISION OF ELECTRIC AND GAS
 DATE: 8/6/90
 PAGE 9 OF 9

-----FLORIDA PUBLIC UTILITIES (FERNANDINA)-----

| CLASSIFICATION | Classification Associated \$ | Classification Associated KWH | Classification Associated cents/KWH |
|--|------------------------------------|-------------------------------------|---|
| 30a.Demand Purchased Power Costs (line 10a) | 943,200 (a) | | |
| 30b.Non-Demand Purchased Power Costs (lines 6+10b+11) | 4,709,672 (a) | | |
| 30c.True-up Over/Under Recovery (line 29) | (11,270)(a) | | |
| 31.Total Demand Costs | 943,200 | | |
| 32.GSLD Portion of Demand Costs | | | |
| Including line losses (line 27c * \$3.708) | 244,728 | 66,000 | |
| 33.Balance to Other Customers | 698,472 | 84,775,000 | 0.82391 |
| 34.Total Non-Demand Costs (line 30b) | 4,709,672 | | |
| 35.Total KWH Purchased (line 12) | | 102,485,000 | |
| 36.Average Cost per KWH Purchased | | | 4.59547 |
| 37.Avg. Cost Adjusted for Transmission line losses (line 36 * 1.03) | | | 4.73334 |
| 38.GSLD Non-Demand Costs (line 27a * line 37) | 610,437 | 12,900,000 | 4.73207 |
| 39.Balance to Other Customers | 4,099,235 | 84,775,000 | 4.83543 |
| 40a.Total GSLD Demand Costs (Line 32) | 244,728 | 66,000 | 3.70800 |
| 40b.Revenue Tax Factor | | | 1.01652 |
| 40c.GSLD Demand Purchased Power factor adjusted for taxes and rounded | | | 3.76926 |
| 40d.Total Current GSLD Non-Demand Costs (line 38) | 610,437 | 12,900,000 | 4.73207 |
| 40e.Total Non-Demand Costs including true-up | 610,437 | 12,900,000 | 4.73207 |
| 40f.Revenue Tax Factor | | | 1.01652 |
| 40g.GSLD Non-demand costs adjusted for taxes | | | 4.81024 |
| 41a.Total Demand and Non-Demand Purchased Power Costs of other classes (lines 33 + 39) | 4,797,707 | 84,775,000 | 5.65934 |
| 41b.Less: Total Demand Cost Recovery | 644,418 (a) | | |
| 41c.Total Other Costs to be Recovered | 4,153,289 (a) | 84,775,000 | 4.89919 |
| 41d.Other Classes' Portion of True-up (line 30 C) | (11,270) | 84,775,000 | -0.01329 |
| 41e.Total Demand and Non-Demand Costs including True-up | 4,142,019 | 84,775,000 | 4.88590 |
| 42.Revenue tax factor | | | 1.01652 |
| | | | 4.96661 |
| 43.Other Classes Purchased Power Factor adjusted for taxes to the Nearest .001 cents per KWH (used in Attachment B, pages 1 and 2 of 9) | | | 4.967 |

*Based on Jurisdictional Sales (a) included for informational purposes only.
 Effective dates for billing purposes: 10/1/90 - 3/31/91

GPIF TARGETS

October 1990 to March 1991

| Utility/ Plant/Unit | Equivalent Availability | | | | Heat Rate | |
|------------------------|-------------------------|------|------|-------|-----------|-------|
| | Company | | | | Company | Staff |
| | EAUF | POF | EUOF | | | |
| FPC | | | | | | |
| Anclote 1 | 87.6 | 0.0 | 12.4 | Agree | 10,168 | Agree |
| Anclote 2 | 92.1 | 0.0 | 7.9 | Agree | 10,101 | Agree |
| Crystal River 1 | 74.9 | 15.4 | 9.7 | Agree | 10,021 | Agree |
| Crystal River 2 | 64.2 | 18.1 | 17.7 | Agree | 9,994 | Agree |
| Crystal River 3 | 75.5 | 0.0 | 24.5 | Agree | 10,373 | Agree |
| Crystal River 4 | 86.2 | 8.8 | 5.0 | Agree | 9,272 | Agree |
| Crystal River 5 | 80.8 | 15.4 | 3.9 | Agree | 9,330 | Agree |
| FPL | | | | | | |
| Cape Canaveral | 94.7 | 0.0 | 5.3 | Agree | 9,449 | Agree |
| Ft. Myers 1 | 78.5 | 17.0 | 4.5 | Agree | 10,115 | Agree |
| Ft. Myers 2 | 72.3 | 22.5 | 5.2 | Agree | 9,340 | Agree |
| Manatee 1 | 85.2 | 4.4 | 10.4 | Agree | 9,785 | Agree |
| Manatee 2 | 74.3 | 17.0 | 8.6 | Agree | 9,527 | Agree |
| Martin 1 | 63.2 | 31.9 | 5.0 | Agree | 9,844 | Agree |
| Martin 2 | 81.8 | 8.2 | 10.0 | Agree | 9,809 | Agree |
| Port Everglades 1 | 78.7 | 12.7 | 8.6 | Agree | 9,804 | Agree |
| Port Everglades 2 | 78.8 | 12.6 | 8.6 | Agree | 9,839 | Agree |
| Port Everglades 3 | 73.0 | 8.2 | 18.8 | Agree | 9,485 | Agree |
| Port Everglades 4 | 91.9 | 0.0 | 8.1 | Agree | 9,640 | Agree |
| Turkey Point 1 | 92.8 | 0.0 | 7.2 | Agree | 9,289 | Agree |
| Turkey Point 2 | 91.8 | 0.0 | 8.2 | Agree | 9,250 | Agree |
| Turkey Point 3 | 31.9 | 61.5 | 6.6 | Agree | 10,868 | Agree |
| Turkey Point 4 | 18.1 | 74.7 | 7.2 | Agree | 10,873 | Agree |
| St. Lucie 1 | 92.5 | 0.0 | 7.5 | Agree | 10,671 | Agree |
| St. Lucie 2 | 77.2 | 16.5 | 6.3 | Agree | 10,734 | Agree |
| GULF | | | | | | |
| Crist 4 | 86.7 | 4.9 | 8.4 | Agree | 10,796 | Agree |
| Crist 6 | 84.7 | 4.9 | 10.3 | Agree | 10,515 | Agree |
| Crist 7 | 61.1 | 29.1 | 9.8 | Agree | 10,484 | Agree |
| Daniel 1 | 66.2 | 32.4 | 1.4 | Agree | 10,702 | Agree |
| Daniel 2 | 68.9 | 28.0 | 3.1 | Agree | 11,634 | Agree |
| Scherer 3 | 96.0 | 0.0 | 4.0 | Agree | 10,030 | Agree |
| Smith 1 | 88.3 | 4.9 | 6.8 | Agree | 10,322 | Agree |
| Smith 2 | 86.8 | 8.8 | 4.4 | Agree | 10,383 | Agree |
| TECO | | | | | | |
| Big Bend 1 | 80.3 | 3.8 | 15.9 | Agree | 9,917 | Agree |
| Big Bend 2 | 74.0 | 10.4 | 15.6 | Agree | 9,931 | Agree |
| Big Bend 3 | 63.7 | 20.3 | 16.0 | Agree | 9,589 | Agree |
| Big Bend 4 | 87.6 | 3.8 | 8.6 | Agree | 9,957 | Agree |
| Gannon 5 | 78.7 | 7.7 | 13.6 | Agree | 10,052 | Agree |
| Gannon 6 | 80.6 | 3.8 | 15.6 | Agree | 10,201 | Agree |

FUEL ADJUSTMENT - DOCKET NO. 90001-EI
FINAL AND PROJECTED TRUE-UPS
OCTOBER 1989 - MARCH 1990 AND APRIL 1990 - SEPTEMBER 1990
TO BE INCLUDED DURING THE PERIOD OCTOBER 1990 - MARCH 1991
AUGUST 1990 HEARINGS

| | OCTOBER 1989 - MARCH 1990 PROJECTED TRUE-UP | ACTUAL TRUE-UP | FINAL TRUE-UP | PROJECTED TRUE-UP 4/90 - 9/90 | TOTAL TRUE-UP | MWH SALES 10/90 - 3/91 | EFFECT ON ADJ. FACTOR CENTS/KWH |
|----------------------------------|---|-------------------|------------------|-------------------------------------|-------------------|---------------------------|---------------------------------------|
| FLORIDA POWER & LIGHT COMPANY | | | | | | | |
| COMPANY | (\$55,102,275)(U) | (\$58,653,467)(U) | (\$3,551,192)(U) | (\$15,453,797)(U) | (\$19,004,989)(U) | 34,112,981 | 0.0557 |
| STAFF | (\$55,102,275)(U) | (\$58,653,467)(U) | (\$3,551,192)(U) | (\$15,453,797)(U) | (\$19,004,989)(U) | 34,112,981 | 0.0557 |
| PUBLIC COUNSEL (1) | (\$55,102,275)(U) | (\$58,653,467)(U) | (\$3,551,192)(U) | (\$15,453,797)(U) | (\$19,004,989)(U) | 34,112,981 | 0.0557 |
| FLORIDA POWER CORPORATION | | | | | | | |
| COMPANY | \$7,630,903 (0) | \$1,095,196 (0) | (\$6,535,707)(U) | (\$5,063,719)(U) | (\$11,599,426)(U) | 13,030,272 | 0.0890 |
| STAFF (1) | \$7,630,903 (0) | \$1,095,196 (0) | (\$6,535,707)(U) | (\$5,063,719)(U) | (\$11,599,426)(U) | 13,030,272 | 0.0890 |
| PUBLIC COUNSEL (1) | \$7,630,903 (0) | \$1,095,196 (0) | (\$6,535,707)(U) | (\$5,063,719)(U) | (\$11,599,426)(U) | 13,030,272 | 0.0890 |
| FLORIDA PUBLIC UTILITIES COMPANY | | | | | | | |
| FERNANDINA BEACH: | | | | | | | |
| COMPANY | \$121,246 (0) | \$217,631 (0) | \$96,385 (0) | (\$85,115)(U) | \$11,270 (0) | 84,775 | (0.0133) |
| STAFF | \$121,246 (0) | \$217,631 (0) | \$96,385 (0) | (\$85,115)(U) | \$11,270 (0) | 84,775 | (0.0133) |
| PUBLIC COUNSEL | \$121,246 (0) | \$217,631 (0) | \$96,385 (0) | (\$85,115)(U) | \$11,270 (0) | 84,775 | (0.0133) |
| MARIANNA: | | | | | | | |
| COMPANY | \$48,397 (0) | \$244,783 (0) | \$196,386 (0) | (\$104,532)(U) | \$91,854 (0) | 103,915 | (0.0884) |
| STAFF | \$48,397 (0) | \$244,783 (0) | \$196,386 (0) | (\$104,532)(U) | \$91,854 (0) | 103,915 | (0.0884) |
| PUBLIC COUNSEL | \$48,397 (0) | \$244,783 (0) | \$196,386 (0) | (\$104,532)(U) | \$91,854 (0) | 103,915 | (0.0884) |
| GULF POWER COMPANY | | | | | | | |
| COMPANY (*) | (\$4,900,029)(U) | (\$2,802,753)(U) | \$1,368,763 (0)* | \$3,250,788 (0) | \$4,619,551 (0) | 3,512,261 | (0.1315) |
| STAFF | (\$4,900,029)(U) | (\$2,802,753)(U) | \$1,368,763 (0)* | \$3,250,788 (0) | \$4,619,551 (0) | 3,512,261 | (0.1315) |
| PUBLIC COUNSEL (1) | (\$4,900,029)(U) | (\$2,802,753)(U) | \$1,368,763 (0)* | \$3,250,788 (0) | \$4,619,551 (0) | 3,512,261 | (0.1315) |
| TAMPA ELECTRIC COMPANY | | | | | | | |
| COMPANY | \$3,693,745 (0) | \$2,717,270 (0) | (\$976,475)(U) | (\$7,879,225)(U) | (\$8,855,700)(U) | 6,467,331 | 0.1369 |
| STAFF (1) | \$3,693,745 (0) | \$2,717,270 (0) | (\$976,475)(U) | (\$7,879,225)(U) | (\$8,855,700)(U) | 6,467,331 | 0.1369 |
| PUBLIC COUNSEL (1) | \$3,693,745 (0) | \$2,717,270 (0) | (\$976,475)(U) | (\$7,879,225)(U) | (\$8,855,700)(U) | 6,467,331 | 0.1369 |

(0) = OVERRECOVERY TO BE REFUNDED

(1) SUBJECT TO CHANGE BASED ON COMMISSION VOTE ON OTHER ISSUES.

(*) FINAL TRUE-UP INCLUDES \$728,513 FOR SPECIAL CONTRACT RECOVERY APRIL 1988 - MARCH 1989 (APPROVED IN ORDERS NO. 19613 AND 20178)

228

OIL BACKOUT
DOCKET NO. 900001-EI
AUGUST 1990 HEARINGS

FLORIDA POWER & LIGHT COMPANY

| | FOR THE PERIOD OCTOBER 1989 - MARCH 1990 | | | FOR THE PERIOD APRIL 1990 - SEPTEMBER 1990 | | | TO BE INCLUDED DURING THE OCTOBER 1990 - MARCH 1991 PERIOD | | |
|--|--|----------------|---------------|--|------------------|---------------|---|---------------------|---------------|
| | Estimated/Actual | Actual | Difference | Projected | Estimated/Actual | Difference | Total True-up | Total Cost Recovery | |
| 1. Jurisdictional KWH Sales | 30,732,255,434 | 30,050,620,984 | (681,634,450) | 34,112,976,000 | 33,968,492,627 | (144,483,373) | (826,117,823) | \$184,900,348 | |
| 2. OBO Revenue Applicable to the Period | \$200,020,819 | \$195,604,820 | (4,415,999) | \$188,434,553 | \$186,382,670 | (2,051,883) | (\$6,467,882) | Total MWH Sales | 32,100,656 |
| 3. Jurisdictional Oil Backout Cost Recovery Authorized | \$193,615,849 | \$188,088,682 | (5,527,167) | \$188,434,553 | \$182,776,128 | (5,658,425) | (\$11,185,592) | Cost - Cents/KWH | 0.5760 |
| 4. True-up Provision for this Period Over/(Under) Collection | \$6,404,970 | \$7,516,138 | 1,111,168 | \$0 | \$3,606,542 | 3,606,542 | \$4,717,710 | True-up | (\$5,181,893) |
| 5. Interest Provision for this Period | \$899,317 | \$872,704 | (26,613) | \$0 | \$490,796 | 490,796 | \$464,183 | Retail MWH Sales | 31,726,225 |
| 6. Adjustment to Reflect 13.6 ROE Effective April 1988 | \$0 | \$0 | 0 | \$0 | \$0 | 0 | \$0 | Cost - Cents/KWH | -0.0163 |
| 7. End of Period Total Net True-up | \$7,304,287 | \$8,388,842 | 1,084,555 | \$0 | \$4,097,338 | 4,097,338 | \$5,181,893 | Total Cost - C/KWH | 0.5597 |
| | | | | | | | | Revenue Tax Factor | 1.0165 |
| | | | | | | | | OBC Factor | 0.5689 |
| | | | | | | | | OBC Factor Rounded | 0.569 |
| | | | | | | | | STAFF | AGREE |

TAMPA ELECTRIC COMPANY

| | FOR THE PERIOD OCTOBER 1989 - MARCH 1990 | | | FOR THE PERIOD APRIL 1990 - SEPTEMBER 1990 | | | TO BE INCLUDED DURING THE OCTOBER 1990 - MARCH 1991 PERIOD | | |
|--|--|---------------|---------------|--|------------------|--------------|---|---------------------|-------------|
| | Estimated/Actual | Actual | Difference | Projected | Estimated/Actual | Difference | Total True-up | Total Cost Recovery | |
| 1. Jurisdictional KWH Sales | 6,192,947,000 | 6,063,297,000 | (129,650,000) | 6,950,015,000 | 6,916,746,000 | (33,269,000) | (162,919,000) | \$8,366,456 | |
| 2. OBO Revenue Applicable to the Period | \$8,324,446 | \$8,140,787 | (183,659) | \$8,264,032 | \$8,869,902 | 605,870 | \$422,211 | Total MWH Sales | 6,467,331 |
| 3. Jurisdictional Oil Backout Cost Recovery Authorized | \$8,017,499 | \$9,962,757 | 1,945,258 | \$8,264,032 | \$8,167,057 | (96,975) | \$1,848,283 | Cost - Cents/KWH | 0.1294 |
| 4. True-up Provision for this Period Over/(Under) Collection | \$306,947 | (\$1,821,970) | (2,128,917) | \$0 | \$702,845 | 702,845 | (\$1,426,072) | True-up | \$1,431,698 |
| 5. Interest Provision for this Period | \$5,626 | \$0 | (5,626) | \$0 | \$0 | 0 | (\$5,626) | Retail MWH Sales | 6,467,331 |
| 6. End of Period Total Net True-up | \$312,573 | (\$1,821,970) | (2,134,543) | \$0 | \$702,845 | 702,845 | (\$1,431,698) | Cost - Cents/KWH | 0.0221 |
| | | | | | | | | Total Cost - C/KWH | 0.1515 |
| | | | | | | | | Revenue Tax Factor | 1.0165 |
| | | | | | | | | OBC Factor | 0.1540 |
| | | | | | | | | OBC Factor Rounded | 0.154 |
| | | | | | | | | STAFF | AGREE |

ORDER NO. 23394
DOCKET NO. 900001-EI
PAGE 38