

ORIGINAL
FILE COPY

**Florida
Power**
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

May 20, 1997

Ms. Blanca S. Bayó, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 970001-EI

Dear Ms. Bayó:

Enclosed for filing in the subject docket are an original and fifteen copies each of the Direct Testimony and Exhibits of Dario B. Zuloaga and John Scardino, Jr. on behalf of Florida Power Corporation.

05098-97
05099-97

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Also enclosed is a 3.5 inch diskette containing the above-referenced document in WordPerfect format. Thank you for your assistance in this matter.

- ACK _____
- AFA 1 _____
- APP _____
- CAF _____
- CMU _____
- CTR _____
- EAG _____
- LEG 1 _____
- LIN 3+ng _____
- OPC _____
- RCH _____
- SEC 1 _____
- WAS _____
- OTU _____

JAM/kp
Enclosure
cc: Parties of record

Very truly yours,

James A. McGee

RECEIVED & FILED

EPSC-BUREAU OF RECORDS

GENERAL OFFICE

CERTIFICATE OF SERVICE

Docket No. 970001

I HEREBY CERTIFY that a true and correct copy of the Testimony and Exhibits of Dario B. Zuloaga and John Scardino, Jr. has been sent by regular U.S. mail to the following individuals this 20th day of May, 1997:

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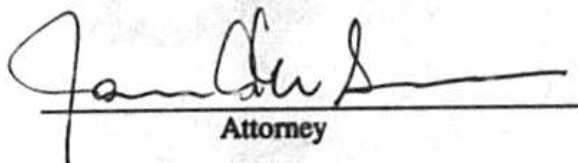
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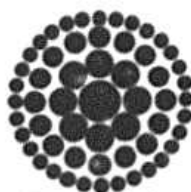
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**Florida
Power**
CORPORATION

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

DOCKET No. 970001-EI

**FINAL TRUE-UP AMOUNT
OCTOBER 1996 THROUGH MARCH 1997**

**DIRECT TESTIMONY
AND EXHIBITS OF
JOHN SCARDINO, JR.**

For Filing May 21, 1997

DOCUMENT NUMBER-DATE

05099 MAY 21 5

FPSC-RECORDS/REPORTING

FLORIDA POWER CORPORATION

DOCKET No. 970001-EI

**Fuel and Capacity Cost Recovery
Final True-up Amounts for
October 1996 through March 1997**

**DIRECT TESTIMONY OF
JOHN SCARDINO, JR.**

1 **Q. Please state your name and business address.**

2 **A. My name is John Scardino, Jr. My business address is Post Office Box**
3 **14042, St. Petersburg, Florida 33733.**

4
5 **Q. By whom are you employed and in what capacity?**

6 **A. I am employed by Florida Power Corporation (Florida Power or the**
7 **Company) in the capacity of Vice President and Controller. In addition,**
8 **I also hold the position of Vice President and Controller of Florida**
9 **Progress Corporation, the holding company of Florida Power**
10 **Corporation.**

11
12 **Q. Have the duties and responsibilities of your position with the Company**
13 **remained the same since you last testified in this proceeding?**

14 **A. Yes.**

15
16 **Q. What is the purpose of your testimony?**

1 A. The purpose of my testimony is to describe the Company's Fuel Cost
2 Recovery Clause final true-up amount for the period of October 1996
3 through March 1997, and the Company's Capacity Cost Recovery
4 Clause final true-up amount for the same period.

5
6 Q. Have you prepared exhibits to your testimony?

7 A. Yes, I have prepared a three-page true-up variance analysis which
8 examines the difference between the estimated fuel true-up and the
9 actual period-end fuel true-up. This variance analysis is attached to my
10 prepared testimony and designated Exhibit No. ____ (JS-1). Also
11 attached to my prepared testimony and designated Exhibit No. ____
12 (JS-2) are the Capacity Cost Recovery Clause true-up calculations for
13 the October 1996 through March 1997 period. Also, I will sponsor the
14 applicable Schedules A1 through A9 for the period to date through
15 March 1997, which have been previously filed with the Commission
16 and are also attached to my prepared testimony for ease of reference
17 and designated as Exhibit No. ____ (JS-3).

18
19 Q. What is the source of the data which you will present by way of
20 testimony or exhibits in this proceeding?

21 A. Unless otherwise indicated, the actual data is taken from the books and
22 records of the Company. The books and records are kept in the regular
23 course of business in accordance with generally accepted accounting
24 principles and practices, and provisions of the Uniform System of
25 Accounts as prescribed by this Commission.

FUEL COST RECOVERY

1
2 **Q. What is the Company's jurisdictional ending balance as of March 31,**
3 **1997 for fuel cost recovery?**

4 **A. The actual ending balance as of March 31, 1997 for true-up purposes**
5 **is an underrecovery of \$89,565,627**

6
7 **Q. How does this amount compare to the Company's estimated ending**
8 **balance included in the April 1997 through September 1997 period?**

9 **A. When the estimated underrecovery of \$88,684,203 to be collected**
10 **during the period of April 1997 through September 1997 is taken into**
11 **account, the final true-up attributable to the six-month period ended**
12 **March 31, 1997 is an underrecovery of \$881,424.**

13
14 **Q. How was the final true-up ending balance determined?**

15 **A. The amount was determined in the manner set forth on Schedule A2**
16 **of the Commission's standard forms previously submitted by the**
17 **Company on a monthly basis but adjusted to remove the recoverable**
18 **costs incurred by Florida Power associated with the recalculation of the**
19 **firm energy price to Lake Cogen Limited which amounted to \$5.4**
20 **million on a retail basis and is subject to approval in Docket 961477.**

21
22 **Q. What factors contributed to the period-ending jurisdictional**
23 **underrecovery of \$89.6 million as shown on your Exhibit No. __ (JS-1)?**

24 **A. The primary reason for the fuel cost underrecovery was the**
25 **unavailability of the Crystal River 3 nuclear plant (CR3). This and other**

1 factors contributing to the underrecovery are summarized on Sheet 1
2 of 3. The actual jurisdictional kwh sales were lower than the original
3 estimate by 278,531,661 KWH. This decrease in KWH sales,
4 attributable to abnormally mild weather, resulted in lower jurisdictional
5 fuel revenues of \$5.2 million, and lower fuel expense. The \$68.5
6 million unfavorable variance in jurisdictional fuel and purchased power
7 expense was primarily attributable to the replacement fuel cost
8 resulting from the extended CR3 outage and the settlement energy
9 payment made to Pasco Cogen.

10
11 When the differences in jurisdictional revenues and jurisdictional fuel
12 expenses are combined, the net result is an underrecovery of \$75.3
13 million related to the October 1996 through March 1997 time period.
14 Other variances not directly related to the period include \$12.2 million
15 underrecovery of prior period costs and \$2.1 million in interest. This
16 results in the actual ending underrecovery balance of \$89.6 million, as
17 of March 31, 1997.

- 18
19 Q. Please explain the components shown on Exhibit No. ____ (JS-1),
20 Sheet 2 of 3 which produced the \$72.3 million unfavorable system
21 variance from the projected cost of fuel and net purchased power
22 transactions.
- 23 A. Sheet 2 of 3 shows an analysis of the system variance for each energy
24 source in terms of three interrelated components: (1) changes in the
25 amount (MWH's) of energy required; (2) changes in the heat rate, or

1 efficiency, of generated energy (BTU's per KWH); and (3) changes in
2 the unit price of either fuel consumed for generation (\$ per million BTU)
3 or energy purchases and sales (cents per KWH).

4
5 **Q. What effect did these components have on the system fuel and net
6 power variance for the true-up period?**

7 **A.** As can be seen from Sheet 2 of 3, variances in the amount of MWH
8 requirements from each energy source (column B) combined to produce
9 a cost increase of \$58.8 million. I will discuss this component of the
10 variance analysis in greater detail below.

11
12 The heat rate variance for each source of generated energy (column C)
13 did not produce a material variance.

14
15 A cost increase of \$13.5 million resulted from the price variance
16 (column D), which was caused by a number of factors detailed on lines
17 1 through 17 of Sheet 2 of 3, of exhibit (JS-1). The most significant
18 factors contributing to the unfavorable variance were increased oil and
19 gas prices. Increased oil prices resulted from increased market demand
20 for oil to replenish the industry's low inventories. Increased gas prices
21 were attributable to the unusually cold winter in the northern United
22 States. A favorable variance of \$3 million resulted from avoiding spent
23 nuclear fuel disposal payments due to the extended outage of CR3.
24 Another factor contributing to the variance was the energy price true-
25 up for the period of August 1994 through September 1996 in the

1 Pasco Cogen QF contract interpretation settlement. This produced a
2 \$5.4 million unfavorable impact during this period. This change in the
3 energy calculation methodology was approved in Docket 961407-EQ.
4

5 **Q. Please explain the analysis shown on Sheet 3 of 3 of your Exhibit No.**
6 **_____ (JS-1).**

7 **A. The analysis on Sheet 3 of 3 attempts to identify the effect that**
8 **generation mix has on total net system fuel and purchased power cost.**
9 **Although this interrelationship is generally understood to exist, it is not**
10 **readily apparent from the individual variances contained in the**
11 **Commission "A" Schedules or in the analysis presented on Sheet 2 of**
12 **3. For example, a decrease in the MWH requirements of nuclear**
13 **generation shows up on Schedule A3 and on Sheet 2 of my exhibit as**
14 **a cost decrease of \$11.1 million. While this may be correct in**
15 **isolation, the true effect of decreased nuclear generation is obviously**
16 **a corresponding increase in the MWH requirements of a number of**
17 **other more costly energy sources. As seen on Sheet 3 of 3 Column D,**
18 **the result is a higher net system cost of \$60.7 million even if total**
19 **system MWH requirements remain unchanged.**

20
21 **In addition to the effect of variances in generation mix, this analysis**
22 **also attempts to identify the independent effect of the net variance in**
23 **total system MWH requirements from all energy sources combined**
24 **(internal and external). In this true-up period, for example, total system**
25 **requirements were lower than the original forecast by 340,184 MWH.**

1 This led to lower net costs of \$6.8 million since the lower system load
2 decreases oil generation at a cost above the system average.
3

4 **Q. Please explain how this analysis was performed.**

5 **A.** The analysis on Sheet 3 of 3 is made in two steps. The first, captioned
6 "MWH RECONCILIATION," allocates the MWH variances for the
7 individual energy sources shown in column B among the primary causal
8 variances in columns C through H. Since the causal variances identified
9 in this analysis are not all inclusive, the amount of any residual over- or
10 under-allocation is shown in column I, "Unallocated Variances." The
11 second step, captioned "COST RECONCILIATION," assigns a dollar
12 value to the MWH variances identified in step 1. This is done by
13 allocating the cost variances identified in column B of Sheet 2 for each
14 energy source (and shown again in column B of Sheet 3) among the
15 causal variances based on the MWH's allocated to each in step 1. As
16 mentioned above, the allocation of individual MWH and cost variances
17 to the various causes of those variances is not intended to be all
18 inclusive or precise. It is intended to be a representative approximation
19 of the exceedingly complex cause and effect relationship existing
20 among the individual and total MWH variances and their related cost
21 variances.
22

23 **Q. What were the major contributors to the \$58.8 million cost increase**
24 **associated with the variance in MWH requirements?**

1 A. Lower than expected system requirements during the period contributed
2 to reduce the unfavorable variance by \$6.8 million. The remaining
3 \$65.6 million unfavorable increase is primarily caused by the use of
4 higher cost generation and purchased power primarily to replace nuclear
5 generation which resulted in approximately \$60.7 million of the total.

6
7 Q. Has Florida Power performed a more rigorous analysis to quantify the
8 actual replacement power costs attributable to the current extended
9 outage of CR3 for the October 1996 through March 1997 true-up
10 period?

11 A. Yes. CR3's replacement power costs were calculated for the true-up
12 period using PROMOD IV, the production costing model widely used
13 throughout the industry. Unlike the more typical PROMOD projections,
14 this analysis simulated the operation of the Florida Power system using
15 only actual data to determine replacement power costs, including actual
16 loads, plant maintenance, power purchases and sales, and fuel prices.
17 The methodology employed is identical to that used in previous
18 replacement power cost calculation performed by the Company and
19 accepted by this Commission. This analysis resulted in replacement
20 power costs for the true-up period of \$60.8 million, which is
21 coincidentally close to the amount determined by the less rigorous
22 methodology employed for variance analysis purposes.

1 **Q. Has Florida Power provided the Commission with information regarding**
2 **the cause and expected duration of the current extended outage of**
3 **CR3?**

4 **A. Yes. Following the February 1997 hearings in this docket, the**
5 **Commission directed that a separate spin-off docket be established to**
6 **review the current outage of CR3 (Docket No. 970261-EI). Shortly**
7 **thereafter on March 19, 1997, Florida Power filed a three-volume**
8 **Preliminary Report and appendices describing the cause of the outage**
9 **that began on September 2, 1996 and the circumstances that led to**
10 **the decision in October 1996 to extend the outage in order to make**
11 **certain equipment modifications in CR3's Engineered Safeguards**
12 **systems necessary to increase the unit's safety margins. The**
13 **Preliminary Report also described other outage activities that would**
14 **take place while these modifications are being performed, as well as an**
15 **estimated time line for CR3's return to service by the end of 1997. At**
16 **a workshop held on March 26, 1997, Florida Power made an oral**
17 **presentation on the Preliminary Report and responded to questions by**
18 **Staff. On April 14, 1997, Florida Power filed the prepared direct**
19 **testimony of five witnesses who further elaborated on the cause of the**
20 **extended outage and various related issues, with additional rebuttal**
21 **testimony to be filed on May 27, 1997. During this period Florida**
22 **Power has also responded to numerous interrogatories propounded by**
23 **Staff and Public Counsel and has submitted over 100,000 pages of**
24 **documents requested by the parties. Hearings have been scheduled in**
25 **the spin-off docket for June 26 and 27, 1997, at which time the**

1 testimony and exhibits of the parties will be presented to the
2 Commission.

3
4 **Q. Does this six-month period's ending balance include any noteworthy**
5 **adjustments to fuel expense as shown on exhibit (JS-3), Schedule A2,**
6 **page 1 of 4, footnote to line 6b?**

7 **A. Yes, Exhibit No. ____ (JS-3) shows other jurisdictional adjustments to**
8 **fuel expense. Noteworthy adjustment include recovery of the**
9 **Company's Intercession City Gas Conversion Projects and the pass**
10 **through of Emission Allowance expense transactions.**

11
12 **Q. Did ratepayers benefit from the investment in the Intercession City Gas**
13 **Conversion projects previously approved by the Commission?**

14 **A. Yes. For this period, the estimated system fuel savings related to the**
15 **conversion of Units 7 & 9 are \$1,602,525. The total system**
16 **depreciation and return was \$320,031 resulting in a net system benefit**
17 **to ratepayers of \$1,282,494. The estimated system fuel savings**
18 **related to the conversion of Units 8 & 10 are \$1,176,469. The system**
19 **depreciation and return was \$228,865 resulting in a net system benefit**
20 **to ratepayers at \$947,604.**

21
22 **Q. Has the Company passed any sulfur dioxide emission allowance**
23 **transactions through the current or prior periods fuel adjustment**
24 **clause?**

1 A. Yes, in prior six-month fuel adjustment clause periods, the Company
2 has passed through \$749,499 of proceeds from the mandated EPA
3 Sulfur Dioxide Emission Allowance Auction as a credit to fuel expense.
4 This amount represents the auction proceeds for the years 1993
5 through 1996. Under the provisions of the Clean Air Act Amendments
6 (CAAA) of 1990 a percentage of Florida Power's allowances are
7 withheld each year to populate a pool of allowances which EPA offers
8 for sale at auction. Anyone can purchase but the real intent of the
9 allowance pool was to ensure that allowances would be available for
10 new units or new entrants to the energy market. Once these
11 allowances are sold, proceeds are returned to the company which
12 provided the allowances.

13
14 In the current six-month fuel adjustment clause period, the Company
15 included \$743,750 of expense for the purchase of 8,500 EPA Sulfur
16 Dioxide Emission Allowances. See (JS-3) Schedule A2, Page 1 of 4,
17 Footnote to Line 6b. Florida Power looked ahead to the 2000 and
18 beyond time period when we would need to hold sufficient allowances
19 to cover our emissions. Projecting a deficit, Florida Power entered the
20 SO2 market and purchased allowances at a price considerably below
21 the cost of other compliance options. To fund the purchase Florida
22 Power used the proceeds from the sale of allowances withheld. In the
23 future Florida Power may purchase additional allowances depending on
24 market conditions and the Company's SO2 compliance status.

1 **Q. Were there any other unusual costs included in the current true-up**
2 **period?**

3 **A. Yes. In December 1996, Florida Power paid Procter and Gamble Paper**
4 **Products Company \$583,000 to assume approximately 6,000 Mcf per**
5 **day of firm natural gas transportation capacity via the Southern Natural**
6 **Gas and South Georgia Natural Gas interstate pipeline systems,**
7 **effective January 1, 1997. This amount was included in the cost of**
8 **gas to the Suwannee Plant in December.**

9
10 **Q. What was Florida Power's rationale for terminating the Southern &**
11 **South Georgia Natural Gas contracts?**

12 **A. Florida Power owned a total of approximately 10,000 Mcf per day of**
13 **firm transportation with fixed costs of approximately \$1,750,000 per**
14 **year for the Suwannee Plant. Based on current price and fuel**
15 **availability forecasts, Florida Power could lower its fuel costs by**
16 **terminating the contracts. 4,000 Mcf per day of the Southern and**
17 **South Georgia Natural Gas contract was swapped with the City of**
18 **Tallahassee for Florida Gas Transmission firm transportation, where it**
19 **may be more fully utilized. 6,000 Mcf was sold to Procter and Gamble.**
20 **Florida Power expects to save approximately \$600,000 during 1997 by**
21 **terminating the contracts, of which approximately \$216,000 has been**
22 **achieved during this true-up period. Additional savings are expected**
23 **annually beyond 1997.**

1 **Q. Has Florida Power confirmed the validity of using the "short cut"**
2 **method of determining the equity component of EFC's capital structure**
3 **for calendar year 1996?**

4 **A. Yes. Florida Power's Audit Services department has reviewed the**
5 **analysis performed by Electric Fuels Corporation (EFC). The revenue**
6 **requirements under a full utility-type regulatory treatment methodology**
7 **using the actual weighted average cost of debt and equity required to**
8 **support Florida Power business was compared to revenues billed using**
9 **equity based on 55% of net long term assets (short cut method). The**
10 **analysis showed that for 1996, the short cut method resulted in**
11 **revenues of \$273.1 million which were \$.3 million or .1% lower than**
12 **revenues under the full utility-type regulatory treatment methodology.**
13 **Florida Power continues to believe that this analysis confirms the**
14 **appropriateness of the short cut method.**

15
16 **CAPACITY COST RECOVERY**

17 **Q. What is the Company's jurisdictional ending balance as of March 31,**
18 **1997 for capacity cost recovery?**

19 **A. The actual ending balance as of March 31, 1997 for true-up purposes**
20 **is an underrecovery of \$2,826,552.**

21
22 **Q. How does this amount compare to the Company's estimated ending**
23 **balance to be included in the April 1997 through September 1997**
24 **period?**

1 A. When the estimated overrecovery of \$1,247,824. to be refunded
2 during the period of April through September 1997 is taken into
3 account, the final true-up attributable to the six month period ended
4 March 1997 period is an underrecovery of \$4,074,376.

5
6 Q. Is this true-up calculation consistent with the true-up methodology used
7 for the other cost recovery clauses?

8 A. Yes. The calculation of the final net true-up amount follows the
9 procedures established by this Commission as set forth on Commission
10 Schedule A2 "Calculation of True-Up and Interest Provision" for the
11 Fuel Cost Recovery Clause but adjusted to remove the recoverable
12 costs incurred by Florida Power relating to the change in capacity rates
13 and the buyout payments to Lake Cogen Limited which amounted to
14 \$4.5 million which is subject to approval in Docket 961477.

15
16 Q. What factors contributed to the actual period-end underrecovery of \$3
17 million?

18 A. Exhibit No. ____ (JS-2), sheet 1 of 3, entitled "Capacity Cost Recovery
19 Clause Summary of Actual True-Up Amount", compares the summary
20 items from sheet 2 of 3 to the original forecast for the period. As can
21 be seen from sheet 1, the actual jurisdictional capacity cost revenues
22 were \$157,268 higher than forecast due to the kwh usage mix during
23 the period being different then estimated. Net capacity expenses were
24 \$3.2 million higher due to settlement payment to Pasco Cogen Limited

1 which were partially set-off by several cogenerators not meeting their
2 contractual capacity factors.

3
4
5
6
7
8
9
10
11
12
13
14

Q. What was the impact of the settlement payments associated with Pasco Cogeneration Limited in the actuals for the true-up period?

A. The Company has included the costs associated with the Pasco Cogen Limited settlement agreement of \$4 million in actual results for the true-up period. This resulted from a change in the methodology in the calculation of capacity payments and the buyout of the last 67 months of the QF contract. The transaction was recorded in compliance with the Commission's order in Docket 961407-EQ

Q. Does this conclude your testimony?

A. Yes, it does

**EXHIBITS TO THE TESTIMONY OF
JOHN SCARDINO, JR.**

**Final True-Up Amount
October 1996 through March 1997**

VARIANCE ANALYSIS (JS-1)

DOCUMENT NUMBER-DATE
05099 MAY 21 6
FPSC-RECORDS/REPORTING

FLORIDA POWER CORPORATION
Fuel Adjustment Clause
Summary of Final True-Up Amount
October 1996 through March 1997

Line No.	Description	Contribution to Over/(Under) Recovery Period to Date
1	KWH Sales:	
2	Jurisdictional KWH Sales	(278,531,661)
3	Non-Jurisdictional KWH Sales	113,011,727
4	Total System KWH Sales	
5	Schedule A2, pg 2 of 4, Line C1 through C3	<u>(165,519,934)</u>
6		
7	System:	
8	Fuel and Net Purchased Power Costs - Difference	
9	Schedule A2, page 3 of 4, Line D4	<u>\$ 72,342,271</u>
10		
11	Jurisdictional:	
12	Fuel Revenues - Difference	
13	Schedule A2, page 3 of 4, Line D3	\$ (5,248,348)
14		
15	True Up Provision for the Period Over/(Under)	
16	Collection - Estimated	
17	Schedule A2, page 3 of 4, Line D7	<u>(1,496,974)</u>
18		
19	Net Fuel Revenues	(6,745,322)
20		
21		
22	Fuel and Net Purchased Power Costs - Difference	
23	Schedule A2, page 3 of 4, Line D6 + D12	<u>68,510,631</u>
24		
25	True Up Amount for the Period	(75,255,953)
26		
27	True Up Revenues for the Prior Period - Actual	
28	Schedule A2, page 3 of 4, Line D9+D10	(12,203,216)
29		
30	Interest Provision - Actual	
31	Schedule A2, page 3 of 4, Line D8	<u>(2,106,458)</u>
32		
33	Actual True Up ending balance for the period	
34	October through March 1997	(89,565,627)
35		
36	Estimated True Up ending balance for the period included in	
37	filing of Levelized Fuel Cost Factors April through September 1997,	
38	Docket No. 970001-EI, Schedule E1-B, Sheet 1, Line 20	(88,684,205)
39		
40	Final True Up for the period October 1996 through	
41	March 1997 (Line 36 - Line 40)	<u>\$ (881,424)</u>

Regulatory Accounting

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5/19/97

**FUEL AND NET POWER VARIANCE ANALYSIS
FOR THE PERIOD OF: OCTOBER 1996 - MARCH 1997**

(A)	(B)	(C)	(D)	(E)
<u>ENERGY SOURCE</u>	<u>MWH VARIANCES</u>	<u>HEAT RATE VARIANCES</u>	<u>PRICE VARIANCES</u>	<u>TOTAL</u>
1 Heavy Oil	\$31,060,245	(\$76,855)	\$3,215,974	\$34,199,364
2 Light Oil	695,655	(760,893)	1,120,780	1,055,542
3 Coal	(4,617,503)	1,457,928	(277,607)	(3,437,184)
4 Gas	9,193,266	(572,430)	4,039,150	12,659,986
5 Nuclear	(11,111,606)	0	0	(11,111,606)
6 Other Fuel	0	0	0	0
7 Total Generation	<u>25,220,056</u>	<u>47,748</u>	<u>8,098,298</u>	<u>33,366,102</u>
8 Firm Purchases	18,573,632	0	(1,409,523)	17,164,109
9 Economy Purchases	9,495,294	0	913,791	10,409,085
10 Schedule E Purchases	0	0	0	0
11 Qualifying Facilities	(3,246,247)	0	6,424,529	3,178,282
12 Total Purchases	<u>24,822,678</u>	<u>0</u>	<u>5,928,798</u>	<u>30,751,476</u>
13 Economy Sales	12,659,772	0	30,069	12,689,841
14 Other Power Sales	(5,273,419)	0	0	(5,273,419)
15 Supplemental Sales	1,321,700	0	1,651,603	2,973,303
16 Total Sales	<u>8,708,053</u>	<u>0</u>	<u>1,681,672</u>	<u>10,389,725</u>
17 Nuclear Fuel Disposal Cost	0	0	(3,013,932)	(3,013,932)
18 Nuclear Fuel Decom & Decon	0	0	2,615	2,615
19 Other Jurisdictional Adjustments Sch A2 Page 1 of 4 Line 6b	0	0	846,285	846,285
20 Total Fuel and Net Power	<u>\$58,750,787</u>	<u>\$47,748</u>	<u>\$13,543,735</u>	<u>\$72,342,271</u>

RECONCILIATION OF VARIANCES IN MWH REQUIREMENTS
FOR THE PERIOD: OCTOBER 1996 THROUGH MARCH 1997

MWH RECONCILIATION

(A) Energy Source	(B) Mwh Variances	(C) System Mwh Variances	(D) Nuclear	(E) Coal	(F) Gas	(G) Purchases	(H) Sales	(I) Unallocated	(J) Total
1 Heavy Oil	1,197,907	47,626	1,060,517	180,527	(222,859)	144,903	(14,050)	1,243	1,197,907
2 Light Oil	11,288	(20,411)	16,117	36,105	(9,979)	33,752	(47,857)	3,560	11,288
3 Coal	(257,896)	(326,577)	728,501	(257,896)	0	(18,314)	(370,394)	(13,216)	(257,896)
4 Gas	332,625	0	0	0	332,625	0	0	0	332,625
5 Nuclear	(3,223,456)	0	(3,223,456)	0	0	0	0	0	(3,223,456)
6 Firm Purchases	959,831	(13,607)	999,271	2,579	(29,936)	1,524	0	0	959,831
7 Economy Purchases	362,870	(27,215)	419,049	38,684	(69,851)	2,202	0	0	362,870
8 Schedule E Purchases	0	0	0	0	0	0	0	0	0
9 Qualifying Facilities	(164,067)	0	0	0	0	(164,067)	0	0	(164,067)
10 Economy Sales	582,938	0	0	0	0	0	582,938	0	582,938
11 Other Power Sales	(201,383)	0	0	0	0	0	(201,383)	0	(201,383)
12 Supplemental Sales	50,746	0	0	0	0	0	50,746	0	50,746
13 Total Mwh	(348,597)	(340,184)	0	0	0	0	0	(8,413)	(348,597)

COST RECONCILIATION

(A) Energy Source	(B) Cost Variances	(C) System Mwh Variances	(D) Nuclear	(E) Coal	(F) Gas	(G) Purchases	(H) Sales	(I) Unallocated	(J) Total
1 Heavy Oil	31,060,245	1,234,877	27,497,893	4,680,847	(5,778,451)	3,757,149	(364,299)	32,229	31,060,245
2 Light Oil	695,655	(1,257,887)	993,272	2,225,099	(614,968)	2,080,064	(2,949,321)	219,395	695,653
3 Coal	(4,617,503)	(5,847,197)	13,043,460	(4,617,503)	0	(327,910)	(6,631,726)	(236,626)	(4,617,503)
4 Gas	9,193,266	0	0	0	9,193,266	0	0	0	9,193,266
5 Nuclear	(11,111,606)	0	(11,111,606)	0	0	0	0	0	(11,111,606)
6 Firm Purchases	18,573,632	(263,315)	19,336,840	49,905	(579,295)	29,497	0	0	18,573,632
7 Economy Purchases	9,495,294	(712,133)	10,965,349	1,012,263	(1,827,812)	57,628	0	0	9,495,294
8 Schedule E Purchases	0	0	0	0	0	0	0	0	0
9 Qualifying Facilities	(3,246,247)	0	0	0	0	(3,246,247)	0	0	(3,246,247)
10 Economy Sales	12,659,772	0	0	0	0	0	12,659,772	0	12,659,772
11 Other Power Sales	(5,273,419)	0	0	0	0	0	(5,273,419)	0	(5,273,419)
12 Supplemental Sales	1,321,700	0	0	0	0	0	1,321,700	0	1,321,700
13 Total Cost	\$58,750,787	(\$6,845,656)	\$60,725,207	\$3,350,610	\$392,739	\$2,350,181	(\$1,237,293)	\$14,998	\$58,750,787

**EXHIBITS TO THE TESTIMONY OF
JOHN SCARDINO, JR.**

**Final True-Up Amount
October 1996 through March 1997**

CALCULATION OF TRUE-UP (JS-2)

FLORIDA POWER CORPORATION
Capacity Cost Recovery Clause
Summary of Actual True-Up Amount
October 1996 through March 1997
(In Dollars)

Line No.	Description	Actual	Original Estimate	Variance
1				
2	Jurisdictional:			
3	Capacity Cost Recovery Revenues			
4	Sheet 2 of 3, Column G, Line 38	\$ 131,339,586	\$131,182,318	\$ 157,268
5				
6	Capacity cost Recovery Expenses			
7	Sheet 2 of 3, Column G, Line 34	134,361,919	131,182,318	\$ 3,179,601
8				
9	Plus/(Minus) Interest Provision			
10	Sheet 2 of 3, Column G, Line 40	195,781	217,890	\$ (22,109)
11				
12	Sub Total Current Period Over/(Under) Recovery	\$ (2,826,552)	\$ 217,890	\$(3,044,442)
13				
14	Prior Period True-up - April 1996 through			
15	September 1996 - Over/(Under) Recovery			
16	Sheet 2 of 3, Column G, Line 42	14,454,408	10,754,129	3,700,279
17				
18	Prior Period True-up (Refunded)/Collected			
19	Sheet 2 of 3, Column G, Line 43	(14,454,408)	(10,754,129)	(3,700,279)
20				
21	Actual True-up ending balance Over/(Under) recovery			
22	for the period October 1996 through March 1997			
23	Sheet 2 of 3, Column G, Line 45	<u>\$ (2,826,552)</u>	<u>\$ 217,890</u>	<u>\$(3,044,442)</u>
24				
25	Estimated True-up ending balance for the			
26	period included in the filing of Levelized			
27	Fuel Cost Factors April through September 1997			
28	Docket No. 97001 - E1, Part D,			
29	Sheet 1 of 6, Line 34	1,247,824		
30				
31	Final True Up for the period October 1996 through			
32	March 1997 (Line 23 - Line 29)	<u>\$ (4,074,376)</u>		

Description	Description											
	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
1 U.S. Air Command Corp.	0	0	0	0	0	0	0	0	0	0	0	0
2 Bay County	1143,800	143,800	143,800	143,800	143,800	143,800	143,800	143,800	143,800	143,800	143,800	143,800
3 Bay County	654,706	654,706	654,706	654,706	654,706	654,706	654,706	654,706	654,706	654,706	654,706	654,706
4 General Fuel Qualifying Facility	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405	2,827,405
5 UIC Adamanda	1,391,120	473,570	473,570	473,570	473,570	473,570	473,570	473,570	473,570	473,570	473,570	473,570
6 Dade County Qualifying Facility	802,000	802,000	802,000	802,000	802,000	802,000	802,000	802,000	802,000	802,000	802,000	802,000
7 Lata County	271,820	271,820	271,820	271,820	271,820	271,820	271,820	271,820	271,820	271,820	271,820	271,820
8 Florida County	400,200	400,200	400,200	400,200	400,200	400,200	400,200	400,200	400,200	400,200	400,200	400,200
9 Florida County	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800	1,145,800
10 El Duval Adamanda Qualifying Facility	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272	1,593,272
11 Lata County	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
12 Orange County	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100	1,400,100
13 Orlando County Qualifying Facility	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278	1,344,278
14 Palm Bay Qualifying Facility	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600	1,654,600
15 Palm Bay	0	0	0	0	0	0	0	0	0	0	0	0
16 High Generating Station Qualifying Facility	794,823	794,823	794,823	794,823	794,823	794,823	794,823	794,823	794,823	794,823	794,823	794,823
17 Tinker Energy 1 Qualifying Facility	262,201	262,201	262,201	262,201	262,201	262,201	262,201	262,201	262,201	262,201	262,201	262,201
18 Tinker Energy 2 Qualifying Facility	162,200	162,200	162,200	162,200	162,200	162,200	162,200	162,200	162,200	162,200	162,200	162,200
19 Midway Energy Qualifying Facility	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241	1,705,241
20 Bayview Phosphate	642,659	642,659	642,659	642,659	642,659	642,659	642,659	642,659	642,659	642,659	642,659	642,659
21 Central Facility Qualifying Facility	271,500	271,500	271,500	271,500	271,500	271,500	271,500	271,500	271,500	271,500	271,500	271,500
22 Tiger Bay (Excluded from analysis)	160,607	160,607	160,607	160,607	160,607	160,607	160,607	160,607	160,607	160,607	160,607	160,607
23 Subtotal - Base Load Capacity Changes	18,233,600	28,071,610	18,094,002	18,094,002	18,094,002	18,094,002	18,094,002	18,094,002	18,094,002	18,094,002	18,094,002	18,094,002
24 Subtotal - Additional Responsibility	94,711%	94,711%	94,711%	94,711%	94,711%	94,711%	94,711%	94,711%	94,711%	94,711%	94,711%	94,711%
25 Base Load Additional Capacity Changes	18,218,600	18,201,231	17,898,212	17,898,212	17,898,212	17,898,212	17,898,212	17,898,212	17,898,212	17,898,212	17,898,212	17,898,212
Intermediate Production Level Capacity Changes												
26 TECO Power Production (50 and	471,267	471,267	471,267	471,267	471,267	471,267	471,267	471,267	471,267	471,267	471,267	471,267
27 UPR Production (60) and	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004	4,818,004
28 Schedule B Capacity Sales	0	0	0	0	0	0	0	0	0	0	0	0
29 Subtotal - Intermediate Level Capacity Changes	5,189,200	5,189,200	4,882,694	4,882,694	4,882,694	4,882,694	4,882,694	4,882,694	4,882,694	4,882,694	4,882,694	4,882,694
30 Intermediate Production Jurisdiction Responsibility	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%
31 Intermediate Level Jurisdiction Capacity Changes	4,178,260	4,178,260	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690
32 Subtotal Intermediate Production	4,178,260	4,178,260	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690	3,882,690
33 Adjustment for Tier Cap (jurisdictional) Sales 1995	22,825,267	23,528,718	21,293,878	21,293,878	21,293,878	21,293,878	21,293,878	21,293,878	21,293,878	21,293,878	21,293,878	21,293,878
34 Jurisdictional Capacity Changes	21,418,600	18,818,200	18,492,815	18,492,815	18,492,815	18,492,815	18,492,815	18,492,815	18,492,815	18,492,815	18,492,815	18,492,815
35 Capacity Cost Recovery Adjustment (Net of Total)	0	0	0	0	0	0	0	0	0	0	0	0
36 Tier Up Production	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000
37 Tier Up Production	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600
38 Current Total Capacity Cost Recovery Adjustment (Net of Total - Items 23 through 28)	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600	23,879,600
39 Tier Up Production - (Over/Under) Recovery	0	0	0	0	0	0	0	0	0	0	0	0
40 Item 28 - Item 23)	1,703,671	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)	(1,518,209)
41 Current Production for the Month	62,603	52,802	49,103	49,103	49,103	49,103	49,103	49,103	49,103	49,103	49,103	49,103
42 Current Cycle Balance Item 37 - Item 20) Constant	1,817,264	202,887	68,859	68,859	68,859	68,859	68,859	68,859	68,859	68,859	68,859	68,859
43 Tier Up & Base Production (Applied)	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400	14,654,400
44 Tier Total Tier Up (Adjusted/Unadjusted) Constant	12,400,000	14,818,128	17,222,290	17,222,290	17,222,290	17,222,290	17,222,290	17,222,290	17,222,290	17,222,290	17,222,290	17,222,290
45 Total of Final Item Tier Up Item 23 through 28 Over / (Under)	112,882,884	89,888,888	17,758,205	17,758,205	17,758,205	17,758,205	17,758,205	17,758,205	17,758,205	17,758,205	17,758,205	17,758,205

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FLORIDA POWER CORPORATION
 CAPACITY COST RECOVERY CLAUSE
 TRUE-UP CALCULATION
 FOR THE PERIOD OCTOBER 1996 THROUGH MARCH 1997

Florida Power Corporation
 Docket 970001-E1
 Witness: Scardine
 Exhibit No. (JS-2)
 Sheet 3 of 3

Description	(a)	(b)	(c)	(d)	(e)	(f)
	1996	1996	1996	1997	1997	1997
	October	November	December	January	February	March
Interest Provision:						
1. Beginning True-Up	14,454,408	13,882,894	8,998,859	7,158,345	5,168,885	1,215,433
2. Ending True-Up	13,798,011	8,943,278	7,117,888	5,137,882	1,201,010	(3,728,848)
3. Total True-Up (line 1 + line 2)	28,253,419	23,806,970	17,114,617	12,298,027	6,367,895	(2,514,215)
4. Average True-Up (50% of line 3)	14,126,709	11,902,985	8,557,329	6,148,014	3,183,948	(1,257,108)
5. Interest Rate - First Day of Reporting Month	5.44%	5.38%	5.45%	5.95%	5.45%	5.43%
6. Interest Rate - First Day of Subsequent Month	5.38%	5.45%	5.95%	5.45%	5.43%	5.75%
7. Total Interest (line 5 + line 6)	10.82%	10.83%	11.40%	11.40%	10.88%	11.18%
8. Average Interest Rate (50% of line 7)	5.41%	5.42%	5.70%	5.70%	5.44%	5.59%
9. Monthly Average Interest Rate (line 8 / 12)	0.45%	0.45%	0.48%	0.48%	0.45%	0.47%
10. Interest Provision (line 4 x line 9)	63,883	53,882	40,847	28,203	14,423	(5,858)
11. Cumulative Interest for the Period Ending	63,883	117,368	158,013	187,216	201,839	185,781

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**EXHIBITS TO THE TESTIMONY OF
JOHN SCARDINO, JR.**

**Final True-Up Amount
October 1996 through March 1997**

**SCHEDULES A1 through A9 (JS-3)
(Period-to-Date)**

FUEL AND PURCHASED POWER
COST RECOVERY CLAIMS CALCULATION
612 MONTH PERIOD (00000) MARCH 1997

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%			AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	216,117,538	181,313,052	34,804,487	19.2	9,907,489	11,947,029	(1,939,541)	(18.4)	2,1914	1,5305	0,6609	42.9
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	3,013,932	(3,013,932)	(100.0)	0	3,223,496	(3,223,496)	(100.0)	0.0000	0.0035	(0.0035)	(100.0)
3 COAL CAR INVESTMENT	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,552,446	2,141,531	(589,085)	(27.5)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - PRIOR PERIOD	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	217,669,985	188,468,915	31,201,070	16.7	9,907,489	11,947,029	(1,939,541)	(18.4)	2,1970	1,5740	0,6230	39.6
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	23,463,489	6,299,350	17,164,139	272.5	1,298,383	328,532	969,851	294.9	1,9254	1,9351	(0.1007)	(5.7)
7 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A8)	12,008,085	7,843,827	4,164,258	57.1	424,253	308,205	116,048	37.2	2,8304	2,4721	0.3583	14.5
8 ENERGY COST OF ECONOMY PURCHASES - NON-BROKER (SCH A8)	6,521,908	898,979	5,622,929	861.5	290,690	42,868	247,822	579.2	2,9847	2,9998	0.1551	15.2
8 ENERGY COST OF SCH E PURCHASES (SCH A8)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A8)	681,600	681,600	0	0.0	0	34,903	(34,903)	(100.0)	0.0000	2,7420	(2,7420)	(100.0)
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	78,905,292	73,322,010	5,583,282	4.3	3,541,965	3,705,732	(163,767)	(4.4)	2,1600	1,7789	0.3811	38.2
12 TOTAL COST OF PURCHASED POWER	119,985,341	68,833,865	50,751,476	34.8	5,541,965	4,383,327	1,158,638	26.4	2,1578	2,0296	0.1282	6.5
13 TOTAL AVAILABLE MWH					16,449,449	16,230,268	(219,181)	(1.3)				
14 FUEL COST OF ECONOMY SALES (BROKER) (SCH A8)	(1,348,441)	(12,060,410)	10,711,969	(89.6)	(67,062)	(650,000)	582,938	(89.7)	1,9616	1,9524	0.0092	0.5
14a GAIN ON ECONOMY SALES (BROKER) - 80% (SCH A8)	(177,887)	(2,075,780)	1,897,893	(91.4)	(67,062)	(650,000)	582,938	(89.7)	0.2953	0.2193	(0.0840)	(16.9)
15 FUEL COST OF OTHER POWER SALES (SCH A8)	(4,478,673)	0	(4,478,673)	0.0	(201,383)	0	(201,383)	0.0	2,2340	0.0000	2,2340	0.0
15a GAIN ON OTHER POWER SALES - 100% (SCH A8)	(794,748)	0	(794,748)	0.0	(201,383)	0	(201,383)	0.0	0.3046	0.0000	0.3046	0.0
16 FUEL COST OF SEMI-HOLE BACK-UP SALES (SCH A8)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF SUPPLEMENTAL SALES	(5,917,347)	(6,890,690)	973,343	(13.4)	(290,959)	(341,382)	50,423	(14.9)	2,0382	2,8045	(0.7663)	(21.8)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(12,617,085)	(23,008,620)	10,391,535	(45.2)	(688,061)	(691,382)	432,321	(43.6)	2,2589	2,3209	(0.0620)	(2.6)
19 NET INADVERTENT AND WHEELED INTERCHANGE					8,414	0	8,414					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	324,633,231	292,295,980	32,337,251	28.7	14,898,912	15,238,904	(340,192)	(2.2)	2,1790	1,8996	0,2794	14.8
21 NET UNBILLED	(12,928,830)	(6,471,590)	(6,457,240)	89.9	593,248	405,135	188,113	46.4	(0.0788)	(0.0428)	(0.0440)	(102.3)
22 COMPANY USE	1,730,950	1,954,904	(223,954)	(12.8)	(78,424)	(34,500)	(43,924)	(16.0)	0.0119	0.0106	0.0013	12.3
23 T & D LOSSES	18,475,177	13,582,879	4,892,298	36.2	(947,829)	(919,387)	(28,442)	3.5	3,1289	0.8921	0.0348	37.9
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 2 OF 4)	324,633,231	292,295,980	32,337,251	28.7	14,894,714	14,730,242	(164,472)	(1.1)	2,2296	1,7128	0,5168	30.1
25 WHOLESALE KWH SALES (EXCLUDING SUPPLEMENTAL SALES)	(12,489,249)	(7,643,146)	(4,846,103)	63.4	(983,027)	(450,023)	(533,004)	25.1	2,2177	1,8994	0,3183	30.8
26 JURISDICTIONAL KWH SALES (SCH A2 PG 2 OF 4)	312,143,982	284,652,834	27,491,148	27.5	14,001,687	14,280,219	(278,532)	(2.0)	2,2294	1,7132	0,5162	30.1
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0013	312,872,540	284,670,983	28,201,557	27.6	14,001,687	14,280,219	(278,532)	(2.0)	2,2324	1,7155	0,5169	30.1
28 PRIOR PERIOD TRUE-UP	48,948,838	48,948,838	0	0.0	14,901,887	14,280,219	(621,668)	(4.2)	0.3348	0.3281	0.0067	2.0
28a MARKET PRICE TRUE-UP	0	(235,010)	235,010	(100.0)	14,001,687	14,280,219	(278,532)	(2.0)	0.0000	(0.0016)	0.0016	(100.0)
29 TOTAL JURISDICTIONAL FUEL COST	359,419,226	291,982,539	67,436,687	23.3	14,001,687	14,280,219	(278,532)	(2.0)	2,6870	2,0420	0,6450	26.7
30 REVENUE TAX FACTOR									1.0083	1.0083	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									2,6991	2,0437	0,6554	26.7
32 GPIF	1,527,984	1,198,218	329,766	27.5	14,001,687	14,280,219	(278,532)	(2.0)	0.0108	0.0105	0.0004	3.8
33 FUEL FACTOR ADJUSTED FOR TAXES INCLUDING GPIF	0	0	0	0.0	0	0	0	0.0				
34 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.680	2.054	0,626	26.9

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 MARCH 1997

SCHEDULE A2
 PAGE 1 OF 4

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A. FUEL COSTS AND NET POWER TRANSACTIONS								
1. FUEL COST OF SYSTEM NET GENERATION	\$35,311,790	\$29,451,352	\$5,860,438	18.9	\$214,878,153	\$181,313,052	\$33,565,101	18.4
1a. NUCLEAR FUEL DISPOSAL COST	0	501,542	(501,542)	(100.0)	0	3,013,832	(3,013,832)	(100.0)
1b. NUCLEAR DECOM & DECON	7,041	7,041	0	0.0	1,438,388	1,435,770	2,618	0.2
2. FUEL COST OF POWER SOLD	(1,552,888)	(1,779,300)	226,411	(12.7)	(5,727,115)	(12,040,410)	6,313,295	(52.4)
2a. GAIN ON POWER SALES	(187,704)	(280,880)	103,176	(35.5)	(972,835)	(2,075,780)	1,103,125	(53.1)
3. FUEL COST OF PURCHASED POWER	4,352,701	1,212,940	3,139,761	258.9	23,463,459	6,288,350	17,184,109	272.5
3a. ENERGY PAYMENTS TO QUALIFYING FAC.	11,447,632	13,885,530	(2,237,898)	(18.4)	78,500,292	73,322,010	5,178,282	4.3
3b. DEMAND & NON FUEL COST OF PURCH POWER	113,800	113,800	0	0.0	881,800	881,800	0	0.0
4. ENERGY COST OF ECONOMY PURCHASES	2,648,188	2,284,482	363,706	15.8	18,838,991	8,530,905	10,408,086	122.0
5. TOTAL FUEL & NET POWER TRANSACTIONS	52,138,289	45,187,187	6,951,102	15.4	328,003,131	280,480,449	47,522,682	28.3
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF SUPPLEMENTAL SALES	(1,151,083)	(1,830,950)	679,867	(37.1)	(5,917,348)	(8,880,850)	2,973,304	(33.4)
6b. OTHER JURISDICTIONAL ADJUSTMENTS (see detail below)	(138,882)	115,758	(252,638)	(218.3)	1,552,448	708,181	844,285	118.8
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$50,851,294	\$43,471,983	\$7,379,301	17.0	\$324,838,231	\$252,295,980	\$72,542,271	28.7

FOOTNOTE: DETAIL OF LINE 6B ABOVE

INSPECTION & FUEL ANALYSIS REPORTS	1,448	0	1,448	0,827	0,827
PIPELINE EXPENSES APPLICABLE TO WHOLESALE	3,973	0	3,973	(32,881)	(32,881)
UNIV. OF FLA. STEAM REVENUE ALLOCATION	3,280	0	3,280	22,930	22,930
ADD'L ADJUSTMENT FOR 518.13 CLEANUP	(7,941)	0	(7,941)	(50,185)	(50,185)
INTERCESSION CITY GAS CONV. (DEPRECIATION & RETURN)	87,739	115,758	(28,017)	537,249	708,181
INTERCESSION P11 STARTUP INEFFICIENCY	0	0	0	(213,528)	(213,528)
EMISSIONS	0	0	0	743,750	743,750
TANK BOTTOM ADJUSTMENT	(225,380)	0	(225,380)	537,980	537,980
TANK CLEANING & WASTE WATER REMOVAL	0	0	0	(2,828)	(2,828)
SUBTOTAL LINE 6B SHOWN ABOVE	(\$138,882)	\$115,758	(\$252,638)	\$1,552,448	\$708,181

DATE: TRUE-UP MARCH 07, 1998 AT 11:15 A.M.

19-May-97

Revised to Exclude Lake Cogan Settlement Payment

**CALCULATION OF TRUE-UP AND INTEREST PROVISION
FLORIDA POWER CORPORATION
MARCH 1997**

SCHEDULE A2
PAGE 2 OF 4

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
B . SALES REVENUES (EXCLUDE REVENUE TAXES)								
1. JURISDICTIONAL SALES REVENUE								
1a. BASE FUEL REVENUE	\$0	\$0	\$0	0.0	\$0	\$0	\$0	0.0
1b. FUEL RECOVERY REVENUE	43,288,568	50,090,184	(6,801,618)	(13.6)	286,598,525	291,582,539	(4,984,014)	(1.7)
1c. JURISDICTIONAL FUEL REVENUE	43,288,568	50,090,184	(6,801,618)	(13.6)	286,598,525	291,582,539	(4,984,014)	(1.7)
1d. NON FUEL REVENUE	110,592,116	110,480,816	111,300	0.1	709,370,816	734,606,461	(25,235,645)	(3.4)
1e. TOTAL JURISDICTIONAL SALES REVENUE	153,880,682	160,571,000	(6,690,318)	(4.2)	995,969,141	1,026,189,000	(30,219,859)	(2.9)
2. NON JURISDICTIONAL SALES REVENUE	14,238,736	13,561,000	677,736	5.0	83,707,117	87,980,000	(4,272,883)	(6.3)
3. TOTAL SALES REVENUE	\$168,119,418	\$174,132,000	(\$6,012,582)	(3.5)	\$1,059,676,258	\$1,094,169,000	(\$34,492,742)	(3.2)

C. KWH SALES

1. JURISDICTIONAL SALES	2,181,122,307	2,220,280,000	(39,157,693)	(1.8)	14,001,687,339	14,280,219,000	(278,531,661)	(2.0)
2. NON JURISDICTIONAL (WHOLESALE) SALES	73,865,640	83,317,000	10,548,640	16.7	563,034,727	450,023,000	113,011,727	25.1
3. TOTAL SALES	2,254,987,947	2,283,597,000	(28,609,053)	(1.3)	14,564,722,066	14,730,242,000	(165,519,934)	(1.1)
4. JURISDICTIONAL SALES % OF TOTAL SALES	96.72	97.23	(0.51)	(0.5)	96.13	96.84	(0.81)	(0.8)

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19-May-97

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 MARCH 1997

SCHEDULE A2
 PAGE 3 OF 4

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
D . TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE (LINE B1c)	\$43,288,566	\$50,090,184	(\$6,801,618)	(13.6)	\$286,598,525	\$291,582,539	(\$4,984,014)	(1.7)
2. ADJUSTMENTS: PRIOR PERIOD ADJ	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(7,807,781)	(7,807,781)	0	0.0	(46,846,686)	(46,846,686)	0	0.0
2b. INCENTIVE PROVISION	(254,383)	(249,494)	(4,889)	2.0	(1,526,298)	(1,498,974)	(29,324)	2.0
2c. OTHER: MARKET PRICE TRUE UP	0	39,170	(39,170)	(100.0)	0	235,010	(235,010)	(100.0)
3. TOTAL JURISDICTIONAL FUEL REVENUE	35,226,402	42,072,079	(6,845,677)	(16.3)	238,225,541	243,473,889	(5,248,348)	(2.2)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	50,651,294	43,471,933	7,379,301	17.0	324,638,231	252,295,960	72,342,271	28.7
5. JURISDICTIONAL SALES % OF TOT SALES (LINE C4)	96.72	97.23	(0.51)	(0.5)				
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE D4 * LINE D5 * .13% "LINE LOSSES")	49,247,310	42,321,573	6,925,737	16.4	312,572,540	244,970,863	67,601,677	27.6
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE D3 - D6)	(14,020,908)	(249,494)	(13,771,414)	0.0	(74,346,999)	(1,496,974)	(72,850,025)	0.0
8. INTEREST PROVISION FOR THE MONTH (LINE E10)	(396,814)				(2,106,458)			
9. TRUE UP & INT PROVISION BEG OF MONTH/PERIOD	(82,046,732)				(59,049,902)			
10. TRUE UP COLLECTED (REFUNDED)	7,807,781				46,846,686			
11. END OF PERIOD TOTAL NET TRUE UP (LINES D7 + D8 + D9 + D10)	(88,656,673)				(88,656,673)			
12. OTHER: TRUE-UP FOR PASCO COGEN 72/28 CAPACITY ENERGY SPLIT NOV-FEB	(908,954)				(908,954)			
13. END OF PERIOD TOTAL NET TRUE UP (LINES D11 + D12)	(89,565,627)				(89,565,627)			

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19-May-97

**CALCULATION OF TRUE-UP AND INTEREST PROVISION
FLORIDA POWER CORPORATION
MARCH 1997**

SCHEDULE A2
PAGE 4 OF 4

	CURRENT MONTH				PERIOD TO DATE		
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE
E . INTEREST PROVISION							
1. BEGINNING TRUE UP (LINE D9)	(#82,048,732)	N/A	--	--			
2. ENDING TRUE UP (LINES D7 + D9 + D10)	(88,259,859)	N/A	--	--			NOT
3. TOTAL OF BEGINNING & ENDING TRUE UP	(170,308,591)	N/A	--	--			
4. AVERAGE TRUE UP (50% OF LINE E3)	(85,153,296)	N/A	--	--			
6. INTEREST RATE - FIRST DAY OF REPORTING MONTH	5.750	N/A	--	--			
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.430	N/A	--	--			
7. TOTAL (LINE E5 + LINE E6)	11.180	N/A	--	--			APPLICABLE
8. AVERAGE INTEREST RATE (50% OF LINE E7)	5.590	N/A	--	--			
9. MONTHLY AVERAGE INTEREST RATE (LINE E8/12)	0.466	N/A	--	--			
10. INTEREST PROVISION (LINE E4 * LINE E9)	(#396,814)	N/A	--	--			

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19-May-97

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 96 Thru Mar 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)					
1	HEAVY OIL	55,172,465	20,973,101	34,199,364	163.1%
2	LIGHT OIL	11,143,642	10,088,100	1,055,542	10.5%
3	COAL	129,590,744	133,027,929	-3,437,185	-2.6%
4	GAS	18,772,302	6,112,316	12,659,986	207.1%
5	NUCLEAR	0	11,111,606	-11,111,606	-100.0%
6					
7					
8	TOTAL (\$)	214,679,153	181,313,052	33,366,101	18.4%
SYSTEM NET GENERATION (MWH)					
9	HEAVY OIL	2,006,781	806,874	1,197,907	148.1%
10	LIGHT OIL	174,982	163,694	11,286	6.9%
11	COAL	7,171,939	7,429,853	-257,914	-3.5%
12	GAS	553,787	221,152	332,635	150.4%
13	NUCLEAR	0	3,223,456	-3,223,456	-100.0%
14					
15					
16	TOTAL (MWH)	9,907,489	11,847,029	-1,939,540	-16.4%
UNITS OF FUEL BURNED					
17	HEAVY OIL (BBL)	3,113,248	1,275,307	1,837,941	144.1%
18	LIGHT OIL (BBL)	385,395	390,747	-5,352	-1.4%
19	COAL (TON)	2,711,018	2,762,445	-51,427	-1.9%
20	GAS (MCF)	6,065,830	2,629,301	3,436,529	130.7%
21	NUCLEAR (MMBTU)	0	33,671,536	-33,671,536	-100.0%
22					
23					

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 96 Thru Mar 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
BTUS BURNED (MILLION BTU)					
24	HEAVY OIL	20,219,564	8,161,963	12,057,601	147.7%
25	LIGHT OIL	2,251,672	2,266,328	-14,656	-0.6%
26	COAL	67,763,868	69,412,501	-1,648,633	-2.4%
27	GAS	6,337,678	2,629,301	3,708,377	141.0%
28	NUCLEAR	0	33,671,535	-33,671,535	-100.0%
29					
30					
31	TOTAL (MILLION BTU)	96,572,782	116,141,628	-19,568,846	-16.8%
GENERATION MIX (% MWH)					
32	HEAVY OIL	20.3	6.8	13.4	196.7%
33	LIGHT OIL	1.8	1.4	0.4	27.8%
34	COAL	72.4	62.7	9.7	15.4%
35	GAS	5.6	1.9	3.7	199.4%
36	NUCLEAR	0.0	27.2	-27.2	-100.0%
37					
38					
39	TOTAL (% MWH)	100.0	100.0	0.0	0.0%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA
Schedule A-3

Oct 96 Thru Mar 97
FINAL

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
FUEL COST PER UNIT (\$)					
40	HEAVY OIL (\$/BBL)	17.72	16.45	1.28	7.8%
41	LIGHT OIL (\$/BBL)	28.91	25.82	3.10	12.0%
42	COAL (\$/TON)	47.70	48.16	-0.45	-0.9%
43	GAS (\$/MCF)	3.09	2.32	0.77	33.1%
44	NUCLEAR (\$/MBTU)	0.00	0.33	-0.33	-100.0%
45					
46					
FUEL COST PER MILLION BTU (\$/MILLION BTU)					
47	HEAVY OIL	2.73	2.57	0.16	6.2%
48	LIGHT OIL	4.95	4.45	0.50	11.2%
49	COAL	1.91	1.92	-0.01	-0.4%
50	GAS	2.96	2.32	0.64	27.4%
51	NUCLEAR	0.00	0.33	-0.33	-100.0%
52					
53					
54	SYSTEM (\$/MBTU)	2.22	1.56	0.66	42.2%
BTU BURNED PER KWH (BTU/KWH)					
55	HEAVY OIL	10,076	10,091	-15	-0.1%
56	LIGHT OIL	12,868	13,845	-977	-7.6%
57	COAL	9,448	9,342	106	1.1%
58	GAS	11,444	11,889	-445	-3.7%
59	NUCLEAR	0	10,446	-10,446	-100.0%
60					
61					
62	SYSTEM (BTU/KWH)	9,747	9,803	-56	-0.6%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 96 Thru Mar 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)					
63	HEAVY OIL	2.75	2.59	0.16	6.0%
64	LIGHT OIL	6.37	6.16	0.21	3.3%
65	COAL	1.80	1.79	0.01	0.7%
66	GAS	3.39	2.76	0.63	22.6%
67	NUCLEAR	0.00	0.34	-0.34	-100.0%
68					
69					
70	SYSTEM (CENTS/KWH)	2.16	1.53	0.63	41.4%

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST

Oct 96 Thru Mar 97
FINAL

Schedule A-4

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Anciote													
UNIT 1	511	590,749.00	26			9,914				5,856,488	16,644,011	2,817	
		587,577.12					#6	895,510	6,504,721	5,825,043	16,466,614	2,806	18.410
		3,171.88					#2	5,440	5,780,331	31,445	157,397	4.962	28.933
UNIT 2	511	526,263.00	24			9,921				5,221,298	13,931,818	2,647	
		522,423.44					#6	756,250	6,509,518	5,183,204	13,738,548	2,630	17.254
		3,839.56					#2	6,580	5,789,362	38,094	193,270	5.034	29.372
Bartow													
UNIT 1	107	200,541.00	43			10,469				2,099,443	5,754,861	2,870	
		200,429.43					#6	324,617	6,463,848	2,098,275	5,748,763	2,868	17.709
		111.57					#2	200	5,840,000	1,168	6,098	5.466	30.490
UNIT 2	117	222,642.00	44			10,323				2,298,272	6,173,499	2,773	
		222,642.00					#6	353,700	6,497,800	2,298,272	6,173,499	2,773	17.454
UNIT 3	210	617,480.00	67			10,042				6,200,734	16,304,462	2,640	
		443,925.62					#6	687,100	6,487,994	4,457,901	11,899,421	2,680	17.318
		173,554.38					GS	1,663,500	1,048	1,742,833	4,405,041	2,538	2.648
Crystal River 1 & 2													
UNIT 1	372	935,832.00	58			9,815				9,108,837	15,302,288	1,635	
		4,585.13					#2	7,590	5,879,974	44,629	230,176	5.020	30.326
		931,246.87					CA	361,999	12,520	9,064,208	15,072,112	1,618	41.636
UNIT 2	468	1,218,695.00	60			9,771				11,779,177	19,984,786	1,640	
		1,735.05					#2	2,850	5,884,211	16,770	89,986	5.186	31.574
		1,216,959.95					CA	468,402	12,556	11,762,407	19,894,800	1,635	42.474
Crystal River 4 & 5													
UNIT 4	697	2,330,234.00	77			9,277				21,768,521	44,313,154	1,902	
		5,209.82					#2	8,260	5,877,899	48,669	243,564	4.675	29.416
		2,325,024.28					CA	869,838	12,485	21,719,853	44,069,590	1,895	50.664
UNIT 5	697	2,706,479.00	89			9,290				25,294,818	50,941,771	1,882	
		8,283.52					#2	13,160	5,882,827	77,418	387,529	4.678	29.447
		2,698,195.48					CA	1,010,764	12,474	25,217,400	50,554,242	1,874	50.015

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST

Oct 96 Thru Mar 97
FINAL

Schedule A-4

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (1)	FUEL COST PER KWH CENTS/KWH	FUEL COST PER UNIT (\$)
Suwannee Plant													
UNIT 1	33	7,711.00	5			13,381				103,183	318,052	4.125	
		6,486.95					#6	13,560	6,381,711	86,536	271,236	4.194	20.003
		1,178.06					GS	15,440	1,021	15,764	42,322	3.593	2.741
		65.99					#2	150	5,886,667	883	4,494	6.810	29.960
UNIT 2	32	7,202.00	5			13,123				94,511	293,678	4.078	
		6,093.17					#6	12,570	6,361,177	79,960	252,134	4.138	20.058
		1,037.12					GS	13,330	1,021	13,610	36,738	3.542	2.756
		71.71					#2	160	5,881,250	941	4,806	6.702	30.038
UNIT 3	80	53,541.00	15			11,407				610,730	2,131,943	3.982	
		16,689.56					#6	29,970	6,352,152	190,374	602,250	3.609	20.095
		36,701.97					GS	410,040	1,021	418,651	1,521,018	4.144	3.709
		149.56					#2	290	5,882,759	1,706	8,675	5.800	29.914
TOTAL	3,835	9,417,369.00				9,593				90,436,013	192,094,323	2.040	
Nuclear													
Crystal River 3													
UNIT 3	743	0.00	0							2,518	14,893	0.000	
		0					NF	0	0	0	0	0.000	0.000
		0					#2	433	5,800,000	2,518	14,893	0.000	34.395
TOTAL	743	0.00								2,518	14,893	0.000	

**FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
Schedule A-4**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH CENTS/KWH	FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker	50	6,047.00	3			16,660				100,740	343,877	5.687	
		356.79					#2	1,010	5,885,149	5,944	25,919	7.264	25.662
		5,690.21					GS	90,290	1,050	94,796	317,958	5.588	3.522
Bartow Peaker	176	5,557.00	1			14,595				81,105	421,859	7.591	
		5,557.00					#2	13,850	5,855,957	81,105	421,859	7.591	30.459
Bayboro Peaker	184	15,950.00	2			13,184				210,284	1,167,172	7.318	
		15,950.00					#2	36,180	5,812,161	210,284	1,167,172	7.318	32.260
Debarry Peaker	614	62,601.00	2			13,901				870,222	4,245,602	6.782	
		62,601.00					#2	149,190	5,832,978	870,222	4,245,602	6.782	28.458
Higgins Peaker	110	25,405.00	5			15,972				405,757	1,300,745	5.120	
		905.61					#2	2,470	5,855,870	14,464	65,285	7.209	26.431
		24,499.39					GS	372,820	1,050	391,293	1,235,460	5.043	3.314
Intercession City Peaker	767	187,767.00	6			13,251				2,488,007	8,865,985	4.722	
		39,775.93					#2	90,130	5,847,676	527,051	2,521,259	6.339	27.974
		147,991.15					GS	1,869,650	1,049	1,960,957	6,344,726	4.287	3.394
Port St. Joe Peaker	15	252.00	0			17,782				4,481	20,821	8.262	
		252.00					#2	770	5,819,481	4,481	20,821	8.262	27.040
Rio Pinar Peaker	14	142.00	0			18,841				2,675	12,175	8.574	
		142.00					#2	460	5,815,217	2,675	12,175	8.574	26.467
Suwannee Peaker	159	13,121.00	2			13,309				174,626	900,030	6.859	
		13,121.00					#2	29,670	5,885,608	174,626	900,030	6.859	30.335
Turner Peaker	158	7,009.00	1			13,771				96,521	422,580	6.029	
		7,009.00					#2	16,490	5,853,305	96,521	422,580	6.029	25.626
Univ of Florida Cogen	45	166,269.00	85			10,223				1,699,833	4,869,094	2.928	
		5.77					#2	10	5,900,000	59	53	0.919	5.300
		166,263.23					GS	1,630,760	1,042	1,699,774	4,869,041	2.929	2.986
TOTAL	2,292	490,120.00				12,516				6,134,252	22,569,940	4.605	
SYSTEM TOTAL	6,870	9,907,489.00				9,737				96,572,783	214,679,156	2.167	

**FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
Schedule A-4**

Oct 96 Thru Mar 97
FINAL

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH CENTS/KWH	FUEL COST PER UNIT (\$)
NOTE: Includes the following aerial survey adjustment:													
Plant	Tons	Dollars		MBTU									
Crystal River 1 & 2	-8,219	-342,485.00		-204,932.55									
Crystal River 4 & 5	12,232	617,710.00		304,185.38									

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

Oct 96 Thru Mar 97
FINAL

		Actual	Estimated	Difference	Difference (%)
HEAVY OIL	1 PURCHASES				
	2 Units (BBL)	3,278,653	1,320,000	1,958,653	148.4%
	3 Unit Cost (\$/BBL)	17.65	16.61	1.04	6.3%
	4 Amount (\$)	57,884,274	21,929,600	35,954,674	164.0%
	5 BURNED				
	6 Units (BBL)	3,113,248	1,275,307	1,837,941	144.1%
	7 Unit Cost (\$/BBL)	17.72	16.45	1.28	7.8%
	8 Amount (\$)	55,172,465	20,973,101	34,199,364	163.1%
	9 ADJUSTMENTS				
	10 Units (BBL)	-24,643			
	11 Amount (\$)	-1,455,599			
	12 ENDING INVENTORY				
	13 Units (BBL)	704,453	543,462	160,991	29.6%
	14 Unit Cost (\$/BBL)	15.78	16.62	-0.84	-5.1%
	15 Amount (\$)	11,114,678	9,032,715	2,081,963	23.0%
	16				
	17 DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL	18 PURCHASES				
	19 Units (BBL)	421,041	315,000	106,041	33.7%
	20 Unit Cost (\$/BBL)	31.05	26.75	4.30	16.1%
	21 Amount (\$)	13,073,476	8,425,090	4,648,386	55.2%
	22 BURNED				
	23 Units (BBL)	385,395	318,333	67,062	21.1%
	24 Unit Cost (\$/BBL)	28.91	26.24	2.68	10.2%
	25 Amount (\$)	11,143,642	8,352,342	2,791,300	33.4%
	26 ADJUSTMENTS				
	27 Units (BBL)	302			
	28 Amount (\$)	-20,071			
	29 ENDING INVENTORY				
	30 Units (BBL)	437,829	305,326	132,503	43.4%
	31 Unit Cost (\$/BBL)	28.60	26.17	2.43	9.3%
	32 Amount (\$)	12,523,153	7,991,468	4,531,685	56.7%
	33				
	34 DAYS SUPPLY	0	0	0	0.0%

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

Oct 96 Thru Mar 97
FINAL

		Actual	Estimated	Difference	Difference (%)
COAL	35 PURCHASES				
	36 Units (TON)	2,884,116	2,760,000	124,116	4.5%
	37 Unit Cost (\$/TON)	47.43	48.26	-0.83	-1.7%
	38 Amount (\$)	136,780,885	133,195,400	3,585,485	2.7%
	39 BURNED				
	40 Units (TON)	2,711,018	2,762,445	-51,427	-1.9%
	41 Unit Cost (\$/TON)	47.80	46.16	-0.35	-0.7%
	42 Amount (\$)	129,590,744	133,027,929	-3,437,185	-2.6%
	43 ADJUSTMENTS				
	44 Units (TON)	0			
	45 Amount (\$)	-5,438			
	46 ENDING INVENTORY				
	47 Units (TON)	650,782	398,091	252,691	63.5%
	48 Unit Cost (\$/TON)	46.41	48.01	-1.59	-3.3%
	49 Amount (\$)	30,205,702	19,110,944	11,094,758	58.1%
	50				
	51 DAYS SUPPLY	0	0	0	0.0%
OTHER	52				
	53				
	54				
	55				
	56				
	57				
	58				
	59				
	60				
	61				
	62				
	63				
	64				
	65				

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

Oct 96 Thru Mar 97
FINAL

		Actual	Estimated	Difference	Difference (%)	
GAS	66	BURNED				
	67	Units (MM BTU)	6,065,830	2,629,301	3,436,529	130.7%
	68	Unit Cost (\$/MM BTU)	3.09	2.32	0.77	33.1%
	69	Amount (\$)	18,772,302	6,112,316	12,659,986	207.1%
NUCLEAR	70	BURNED				
	71	Units (MM BTU)	0	33,671,535	-33,671,535	-100.0%
	72	Unit Cost (\$/MM BTU)	0.00	0.33	-0.33	-100.0%
	73	Amount (\$)	0	11,111,606	-11,111,606	-100.0%

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments.

SCHEDULE A-5

OCTOBER THROUGH MARCH, 1997

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
(4,667)	(\$80,891)	Tank Farm Heating @ Bartow Plant - steam used to keep the oil heated that is stored in tanks.
	(\$578)	Non recoverable expense of analysis reports.
	(\$2,154)	Non recoverable expense of Fuel Additives
	(\$871,495)	Non recoverable expense for pipeline accounts 151.11 and 151.12.
(20,176)	(\$500,481)	Tank Bottom Adjustments-due to tank cleaning Physical Inv Adj-due to temperature variation
(24,843)	(\$1,455,601)	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
(27)	(\$826)	Bartow Plant maintenance per Tech Services- auxiliary power being diverted to provide generation service to Anclote Pipeline.
	(\$74)	Non recoverable expense of analysis reports.
670	(\$1,504)	Physical Inv Adj - due to temperature variation
(576)	(\$17,666)	Non recoverable expense of Fuel Additives
235		Tank Bottom Adjustments-due to tank cleaning
		Physical Inv Adj - due to yearly pipe pressure test valve left open.
302 *	(\$20,071)	*TOTAL

* Period to date light oil adjustments do not include Crystal River Participants share amounting to (47) barrels and (\$1,572)

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
-	(\$5,439)	Non recoverable expense of inspection reports.
0	(\$5,439)	TOTAL

@ COAL ADJUSTMENTS DO NOT INCLUDE CRYSTAL RIVER PARTICIPANTS SHARE AMOUNTING TO 103 TONS AND \$4,391 FOR STEAM TRANSFER.

FLORIDA POWER CORPORATION
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE PERIOD OF:
OCT 1986 - MAR 1987

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR OTHER UTILITIES (000)	KWH FOR INTERRUPTIBLE (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		326,632			326,632	1.835	1.835	3,299,350
ACTUAL								
GLADES	Firm	52			52	9.533	9.533	4,957
SOUTHERN CO	Schedule R	257,853			257,853	1.735	1.735	4,472,578
SOUTHERN CO	UPS (Unit Power Sales)	971,706			971,706	1.798	1.798	17,455,418
SOUTHERN CO - Prior Mth. Adj.	UPS (Unit Power Sales)	0			0	0.000	0.000	(80,899)
TAMPA ELECTRIC	AR1	55,327			55,327	2.855	2.855	1,579,330
TAMPA ELECTRIC - Prior Mth. Adj.	AR1	425			425	2.795	2.795	11,879
CUMULATIVE		1,285,363			1,285,363	1.830	1.825	23,463,460
DIFFERENCE		959,831			959,831	(0.105)	(0.110)	17,184,110
DIFFERENCE %		294.9			294.9	(5.4)	(5.7)	272.5

FLORIDA POWER CORPORATION
SCHEDULE AB

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE PERIOD OF:
OCT 1988 - MAR 1987

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR OTHER UTILITIES (000)	KWH FOR INTERMITTIBLE (000)	KWH FOR FIRM (000)	ENERGY COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		3,705,732	0	0	3,705,732	1.978	1.978	73,322,810
ACTUAL								
OCCIDENTAL CHEMICAL	CO-GEN	951	0	0	951	2.919	2.919	27,771
NRG/RECOVERY GROUP	CO-GEN	41,818	0	0	41,818	1.921	1.921	803,440
U.S. AGRI-CHEM	CO-GEN	50,623	0	0	50,623	2.787	2.787	1,410,978
GENERAL PEAT	CO-GEN	541,190	0	0	541,190	1.932	1.932	10,458,507
PINELLAS COUNTY	CO-GEN	185,180	0	0	185,180	1.902	1.902	3,142,241
ST. JOE PAPER	CO-GEN	8,088	0	0	8,088	2.708	2.708	218,468
LFC POWER SYSTEMS	CO-GEN	43,805	0	0	43,805	0.255	0.255	111,389
BAY COUNTY	CO-GEN	37,814	0	0	37,814	1.888	1.888	710,280
TIMBER ENERGY	CO-GEN	45,205	0	0	45,205	1.947	1.947	880,243
PASCO COUNTY	CO-GEN	85,881	0	0	85,881	1.923	1.923	1,647,243
SEMINOLE FERTILIZER	CO-GEN	80,512	0	0	80,512	1.595	1.595	985,281
DADE COUNTY	CO-GEN	141,227	0	0	141,227	2.039	2.039	2,878,348
LAKE COGEN LIMITED	CO-GEN	408,818	0	0	408,818	1.888	1.888	7,854,374
PASCO COGEN LIMITED	CO-GEN	403,988	0	0	403,988	3.248	3.248	13,115,143
ORLANDO COGEN	CO-GEN	352,827	0	0	352,827	2.431	2.431	8,578,942
RIDGE GENERATING	CO-GEN	104,773	0	0	104,773	2.554	2.554	2,878,402
MULBERRY ENERGY	CO-GEN	174,843	0	0	174,843	1.535	1.535	2,680,118
AUBURNDALE (ELDORADO)	CO-GEN	458,502	0	0	458,502	2.422	2.422	11,058,548
ORANGE COGEN	CO-GEN	203,853	0	0	203,853	2.081	2.081	4,201,815
TIMBER 2	CO-GEN	18,923	0	0	18,923	1.952	1.952	369,283
ECOPEAT	CO-GEN	128,828	0	0	128,828	1.481	1.481	1,848,853
ROYSTER ENERGY	CO-GEN	67,817	0	0	67,817	1.581	1.581	1,080,048
CITRUS WORLD	CO-GEN	1	0	0	1	2.815	2.815	28
CUMULATIVE TOTAL		3,541,885	0	0	3,541,885	2.188	2.188	78,588,282
DIFFERENCE		(164,887)	0	0	(164,887)	0.181	0.181	3,178,282
DIFFERENCE %		(4.4)	0.0	0.0	(4.4)	8.1	8.1	4.3

Revised to Exclude Lake Cogen Settlement Payment

FLORIDA POWER CORPORATION
SCHEDULE A4

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE PERIOD OF:
OCT 1998 - MAR 1997

(1)	(2) TYPE & SCHEDULE	(3) TOTAL KWHR PURCHASED (000)	(4) ENERGY COST C/WH	(5) TOTAL AMOUNT FOR FUEL ADJ \$	(6) COST \$ GENERATED C/WH	(7) COST \$ GENERATED	(8) FUEL SAVINGS \$
PURCHASED FROM							
FLORIDA POWER & LIGHT	ECONOMY-C	88,140	3,278	2,888,887	4,538	4,454,528	764,644
GAINESVILLE	ECONOMY-C	11,862	3,278	378,183	4,278	464,430	118,237
HOMESTEAD	ECONOMY-C	880	4,883	20,801	5,894	21,312	7,811
JACKSONVILLE ELECT AUTH	ECONOMY-C	7,885	4,877	383,883	4,887	388,417	8,234
KEY WEST	ECONOMY-C	787	3,870	28,464	4,848	28,443	10,888
LAKE WORTH	ECONOMY-C	780	2,772	28,112	5,148	40,158	11,045
NEW BAYTOWN BEACH	ECONOMY-C	874	3,887	22,023	5,018	28,802	6,777
ORLANDO UTILITIES COMM	ECONOMY-C	21,182	2,883	822,440	4,882	1,024,747	211,287
P.F.C.O.	ECONOMY-C	11,831	3,388	372,884	4,888	531,421	188,487
REEDY CREEK	ECONOMY-C	1,801	3,884	64,082	4,788	71,888	17,878
SEMINOLE	ECONOMY-C	27,282	2,178	882,878	2,688	87,208	88,138
SOUTHERN SERVICES INC	ECONOMY-C	100	2,883	2,883	3,071	3,071	218
TALLAHASSEE	ECONOMY-C	28,147	3,434	888,884	4,317	1,218,144	248,848
TAMPA ELECTRIC	ECONOMY-C	212,872	2,181	4,887,820	2,881	8,082,017	1,428,287
VERO BEACH	ECONOMY-C	1,288	3,438	47,718	4,744	88,888	18,178
SUB TOTAL ENERGY PURCHASES - BROKER		424,283	2,838	12,888,888	3,887	18,132,282	3,134,278

CORAL POWER	SCHEDULE 08	1,200	2,078	24,812	2,881	30,872	6,080
DELTA ENERGY SERV	SCHEDULE 08	800	1,780	8,780	2,187	10,838	2,188
ELECTRIC CLEANING HOUSE	SCHEDULE 08	2,841	2,810	72,882	3,882	108,284	34,482
ENRON POWER MARKETING INC.	SCHEDULE 08	6,882	2,883	182,283	2,888	282,314	70,881
FLORIDA POWER & LIGHT	SCHEDULE 08	28,042	4,811	1,282,882	5,872	1,428,287	172,488
JACKSONVILLE ELECT AUTH	SCHEDULE J	1,888	2,888	48,000	2,948	47,138	7,138
JACKSONVILLE ELECT AUTH	SCHEDULE 08	1,878	1,882	48,078	3,087	87,888	8,811
KOCH POWER SERVICES INC.	SCHEDULE 08	18,788	1,882	348,888	2,788	822,888	174,288
LOUIS DIETRICH ELECTRIC POWER INC.	SCHEDULE 08	14,188	2,448	344,828	3,874	820,848	172,821
LOUISVILLE GAS & ELECT POW MNTS INC.	SCHEDULE 08	10,682	2,088	218,824	2,848	303,177	84,188
OLETTHORPE	SCHEDULE 08	28,818	2,488	647,288	3,878	882,828	208,881
OLETTHORPE	SCHEDULE R	3,238	2,108	88,882	2,881	82,888	22,088
ORLANDO UTILITIES COMM.	SCHEDULE R	23,888	2,784	631,100	2,734	831,100	0
ORLANDO UTILITIES COMM.	SCHEDULE 08	42,822	2,888	1,288,788	2,878	1,208,822	48,888
PECO ENERGY	SCHEDULE 08	88,808	2,212	1,818,888	3,088	2,024,828	807,278
SEMINOLE	LOAD FOLLOWING	2,788	2,788	78,888	2,788	78,888	88
SEMINOLE	SCHEDULE J	0	0,000	1,788	0,000	1,788	0
SEMINOLE	SCHEDULE 08	100	8,848	8,848	1,788	1,788	83,448
SOMAT POWER MARKETING CORP.	SCHEDULE 08	8,822	2,887	282,708	2,442	341,812	87,887
SOUTHEASTERN POWER ADMIN.	NYTOD	14,188	1,884	110,881	1,884	110,881	0
TALLAHASSEE	SCHEDULE J	4,182	3,041	128,888	4,884	188,822	62,882
TALLAHASSEE	SCHEDULE 08	720	3,811	28,888	2,428	17,487	8,822
TALLAHASSEE	SCHEDULE R	0	2,848	0,000	0,000	2,848	0
TAMPA ELECTRIC	SCHEDULE J	18,222	2,888	348,788	2,882	488,747	148,881

SUB TOTAL ENERGY PURCHASES - NON BROKER 288,888 2,818 7,812,888 2,274 8,818,881 1,882,878

CUMULATIVE TOTAL 714,833 2,748 18,881,881 3,448 24,888,743 8,827,182
 DIFFERENCE % 288,812 0.8 18,438,288 8,827,182
 DIFFERENCE % 88.7 12.2 113.8 41.1 187.8 0