Florida Power
CORPORATION

JAMES A. McGEE
SENIOR COUNSEL

November 10, 1994

Ms. Blanca S. Bayó, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee, Florida 32399-0870

Re: Docket No. 940001-EI

Dear Ms. Bayó:

Enclosed for filing in the subject docket are fifteen copies of the prepared direct testimony of Karl H. Wieland and the prepared direct testimony of Larry G. Turner, on behalf of Florida Power Corporation.

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 documents in Word Perfect format.

ACK
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Very truly yours,

James A. McGee

FPSC-RECORDS/REPORTING
DOCUMENT NUMBER-DATE
11501 NOV 14 94
Wieland

FPSC-RECORDS/REPORTING
DOCUMENT NUMBER-DATE
11502 NOV 14 94
Turner

CERTIFICATE OF SERVICE

Docket No. 940001-EI

I HEREBY CERTIFY that a true copy of the Direct Testimony and Exhibits of Karl H. Weiland dated November 14, 1994 and the Direct Testimony and Exhibits of Larry G. Turner dated November 14, 1994 has been sent by regular U.S. mail to the following individuals this 10th day of November, 1994:

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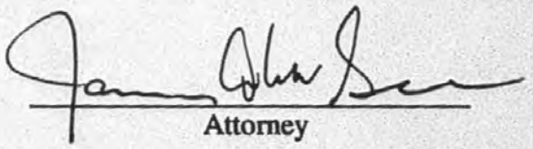

Attorney

Florida Power
CORPORATION

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 940001-EI

FINAL TRUE-UP AMOUNT
APRIL THROUGH SEPTEMBER 1994

DIRECT TESTIMONY
AND EXHIBITS OF

KARL H. WIELAND

For Filing November 14, 1994

FLORIDA POWER CORPORATION

DOCKET NO. 940001-EI

Re: Fuel and Capacity Cost Recovery
Final True-up Amounts for
April through September 1994

DIRECT TESTIMONY OF
KARL H. WIELAND

Q. Please state your name and business address.

A. My name is Karl H. Wieland. My business address is P. O. Box 14042, St. Petersburg, Florida 33733.

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

A. I am employed by Florida Power Corporation as Director of Business Planning.

Q. Have the responsibilities of your position with the Company remained the same since you last testified in this proceeding?

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to describe the Company's Fuel Cost Recovery Clause final true-up amount for the period of April through September 1994, and the Company's Capacity Cost Recovery Clause final true-up amount for the period of April through September 1994.

Q. Have you prepared exhibits to your testimony?

A. Yes, I have prepared a three-page true-up variance analysis which examines the difference between the estimated fuel true-up and the actual period-end fuel true-up. This variance analysis is attached to my prepared testimony and designated exhibit (KHW-1). Also attached to my prepared testimony and designated exhibit (KHW-2) are the Capacity Cost Recovery Clause true-up calculations for the April through September 1994 period. In addition, I will sponsor Schedules A1 through A12 for the month of September, 1994 (period-to-date), which have been previously filed with the Commission and are also attached to my prepared testimony for ease of reference.

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

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

FUEL COST RECOVERY

Q. What is the Company's final true-up amount for fuel cost recovery?

A. The fuel true-up balance as of September 30, 1994 is an under-recovery of $33,870,947. When the estimated under-recovery of $31,586,452 to be collected during the current period is taken into account, the final net

true-up amount attributable to the April - September 1994 period is an under-recovery of $2,284,495.

Q. How was the final true-up amount determined?

A. The amount was determined in the manner set forth on Schedule A2 of the Commission's standard forms previously submitted by the Company on a monthly basis.

Q. What factors contributed to the period-ending under-recovery of $33.9 million?

A. The factors contributing to the under-recovery are summarized on Sheet 1 of my exhibit (KHW-1). It is the net result of changes in projected costs on one hand, and changes in projected revenues on the other. The total system cost of fuel and net power transactions for the period was $33.6 million higher than projected, which was the combined effect of a $29.5 million increase in jurisdictional costs and a $4.1 million increase in wholesale costs. Jurisdictional fuel revenues were $1.4 million higher than projected due to higher than projected sales. The combination of significantly higher jurisdictional costs and slightly higher jurisdictional revenues resulted in an under-recovery of $28.2 million attributable to the April - September 1994 period. Other variances not directly attributable to the period, including an interest provision of $0.6 million, result in the total true-up under-recovery of $33.9 million, as of September 30, 1994.

Q. Please explain the components shown on Sheet 2 of your exhibit which produced the $33.6 million system variance from the projected cost of fuel and net power transactions.

A. Sheet 2 of my exhibit (KWH-1) shows an analysis of this system variance for each energy source in terms of three interrelated components: (1) changes in the amount (MWh's) of energy required; (2) changes in the heat rate, or efficiency, of generated energy (BTU's per kWh); and (3) changes in the unit price of either fuel consumed for generation ($ per million BTU) or energy purchases and sales (cents per kWh).

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

A. As can be seen from Sheet 2, variances in the amount of MWh requirements from each energy source (column B) combined to produce a cost increase of $4.6 million. I will discuss this component of the variance analysis in greater detail below.

The heat rate variance for each source of generated energy (column C) produced a net cost increase of $5.1 million. Higher than anticipated heat rates for oil generating units were the largest component of the cost variance. On the Company's Schedule A3, all BTU's for light oil are included in the light oil heat rate computation. However since no kWh generation is associated with light oil consumed at steam plants, the resulting heat rate shown on A3 is distorted. In order to compute the true

heat rate variance, light oil consumed at steam units is shown separately on line 23 of Sheet 2.

A cost increase of $23.9 million resulted from the price variance (column D), which was caused by a number of factors detailed on lines 1 through 26 of Sheet 2. The main factors were higher than projected prices for oil ($12.4 million) and purchased power ($11.0 million).

Q. What is the purpose of the analysis captioned "Reconciliation of Variances in MWh Requirements," shown on Sheet 3 of your exhibit?

A. The analysis on Sheet 3 is an attempt to identify the effect that variances in the MWh requirements of certain energy sources have on the MWh variances of other energy sources. Although this interrelationship is generally understood to exist, it is not readily apparent from the individual variances contained in the A Schedules or in the analysis on Sheet 2. For example, an increase in the MWh requirements of nuclear generation shows up on Schedule A3 and on Sheet 2 of my exhibit as a cost increase. While this may be correct in isolation, the true effect of increased nuclear generation is obviously a corresponding decrease in the MWh requirements of a number of other more costly energy sources, primarily oil. The result is a lower net system cost even if total system MWh requirements remain unchanged.

In addition to this effect of variances in generation mix, the analysis also attempts to identify the independent effect of the <u>net</u> variance in total

system MWh requirements from all energy sources combined. In this true-up period, for example, total system requirements were lower than the original forecast by 31,215 MWh. This would have led to lower net costs even if the mix of generation had not changed, since the lower system load decreases oil generation at a cost above the system average.

Q. Please explain how this analysis was performed.

A. The analysis on Sheet 3 is made in two steps. The first, captioned "MWh Reconciliation," allocates the MWh variances for the individual energy sources shown in column B among the primary causal variances in columns C through H. Since the causal variances identified in this analysis are not all inclusive, the amount of any residual over- or under-allocation is shown in column I, "Unallocated Variances." The second step, captioned "Cost Reconciliation," assigns a dollar value to the MWh variances identified in step 1. This is done by allocating the cost variances identified in column B of Sheet 2 for each energy source (and shown again in column B of Sheet 3) among the causal variances based on the MWh's allocated to each in step 1. As mentioned above, the allocation of individual MWh and cost variances to the various causes of those variances is not intended to be all inclusive or precise. It is intended to be a representative approximation of the exceedingly complex cause and effect relationship existing among the individual and total MWh variances and their related cost variances.

Q. What were the major contributors to the $4.6 million cost increase associated with the variance in MWh requirements?

A. Coal units had a higher availability than expected during the period, but actual generation was 482,000 MWh lower than forecast due to economic purchases of Southern UPS and purchases of non-dispatchable cogen capacity. This contributed $5.6 million to the variance. Lower than expected system requirements during the period resulted in a $0.9 million reduction to the cost variance. Higher than expected nuclear generation reduced overall costs by $2.1 million. Other factors combined to increase the variance by $2.0 million.

CAPACITY COST RECOVERY

Q. What is the Company's final true-up amount for capacity cost recovery?

A. Exhibit (KHW-2), sheet 1, entitled "Calculation of Final True-Up Amount" records the costs and revenues associated with the Capacity Cost Recovery Clause for the period April through September 1994. The capacity cost recovery true-up balance as of September 30, 1994 is an over-recovery of $6,943,182.

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

A. Yes it is. The calculation of the true-up amount follows the procedures established by this Commission as set forth on Commission Schedule A2 "Calculation of True-Up and Interest Provision" for the Fuel Cost Recovery Clause.

Q. What factors contributed to the period-end over-recovery of $6,943,182?

A. Exhibit (KHW-2), sheet 1, entitled "Summary of Final True-Up Amount", compares the summary items from sheet 2 to the original forecast for the period. As can be seen from sheet 1, actual capacity cost revenues were $0.8 million higher than forecast due to higher kWh sales during the period. Jurisdictional capacity costs were $6.1 million lower than forecast. The major factors contributing to this variance were the failure of Royster Phosphate to come on-line in August as expected, reduced payments to Orlando Cogen, and lower than forecast payments to Lake and Pasco Cogens.

Q. What is the Company's net true-up amount for capacity cost recovery?

A. When the estimated over-recovery of $4,552,921 to be refunded during the current period is subtracted from the period-end true-up of $6,943,182, the final net true-up amount attributable to the April - September 1994 period is an over-recovery of $2,390,261.

Q. Does this conclude your testimony?

A. Yes, it does.

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

Fuel Cost Recovery Clause
Final True-Up Amount
April through September 1994

VARIANCE ANALYSIS (KHW-1)

Florida Power Corporation
Docket No. 930001-EI
Witness: Wieland
Exhibit No. _____(KHW-1)
Sheet 1 of 3

Fuel Cost Recovery Clause
Final True-Up Amount
April through September 1994

VARIANCE SUMMARY

($Million)

		Contribution to Over (Under) Recovery
1.	System fuel and net power costs - Schedule A2, p. 3 of 4, line 4 (See variance analysis on Sheet 2)	$ 33,602,846
2.	Jurisdictional fuel revenues for period - Schedule A2, p. 3 of 4, line 3 plus line 7 (est.)	$ 1,403,901
3.	Jurisdictional fuel and net power costs - Schedule A2, p.3 of 4, line 6	$ 29,579,254
4.	True-up amount for period - line 2 minus line 3	$(28,175,363)
5.	True-up revenues for prior period - Schedule A2, p. 3 of 4, line 9 plus line 10	$ (5,074,211)
6.	Interest provision - Schedule A2, p. 3 of 4, line 8	$ (621,373)
7.	Final period-ending true-up amount - add lines 4 through 6	$(33,870,947)

FUEL AND NET POWER VARIANCE ANALYSIS

FOR THE PERIOD: APRIL THROUGH SEPTEMBER 1994

	(A)	(B)	(C)	(D)	(E)
		---- COST INCREASE (DECREASE) DUE TO ----			
	ENERGY SOURCE	MWH REQ'MNTS VARIANCES (1)	HEAT RATE VARIANCES	PRICE VARIANCES	TOTAL
1	HEAVY OIL	($1,557,599)	$3,556,442	$12,262,229	$14,261,072
2	LIGHT OIL	9,442,384	544,213	94,063	10,080,660
3	COAL	(8,919,168)	(423,596)	1,239,404	(8,103,360)
4	GAS	444,400	1,656,669	(1,356,854)	744,215
5	NUCLEAR	389,915	(215,369)	341,661	516,207
6	OTHER FUEL	0	0	0	0
7	GENERATION SUBTOTAL	(200,068)	5,118,359	12,580,503	17,498,794
8	PURCH POWER-FIRM	5,922,664		453,039	6,375,703
9	ECONOMY-BROKER	(1,285,848)		5,940,114	4,654,266
10	ECONOMY-NONBROKER	388,650		58,827	447,477
11	SCHEDULE E	1,399,170		286,802	1,685,972
12	QUAL FACILITIES (FUEL)	(1,056,366)		4,242,084	3,185,718
13	PURCHASE SUBTOTAL	5,368,270		10,980,866	16,349,136
14	ECONOMY SALES (FUEL)	128,588		26,385	154,973
15	OTHER SALES (FUEL)	(193,361)		0	(193,361)
16	SEMINOLE BACKUP (FUEL)	0		0	0
17	SUPPLEMENTAL SALES	(539,009)		315,884	(223,125)
18	SALES SUBTOTAL	($603,782)		$342,269	($261,513)
19	NUCLEAR FUEL DISPOSAL			75,808	75,808
20	GAINS ON POWER SALES			(169,972)	(169,972)
21	SCHED E CAP. COST			0	0
22	Q.F. CAPACITY COST			0	0
23	START-UP LIGHT OIL			388,639	388,639
24	OTHER ADJUSTMENTS			(278,047)	(278,047)
25	NON-FUEL SUBTOTAL			16,428	16,428
26	TOTAL FUEL AND NET POWER	$4,564,420	$5,118,359	$23,920,066	$33,602,845

(1) See Sheet 3 of 3 (KWH-1) for a reconciliation of costs associated with the variances in MWH requirements.

FLORIDA POWER CORPORATION
Docket No. 940001-EI
Witness: Wieland
Exhibit No. _____ (KW-1)
Sheet 3 of 3

RECONCILIATION OF VARIANCES
IN MWH REQUIREMENTS
FOR THE PERIOD: APRIL THROUGH SEPTEMBER 1994

MWH RECONCILIATION

	(A) ENERGY SOURCE	(B) MWH VARIANCES (1)	(C) SYSTEM MWH VARIANCES	(D) INCREASED/(DECREASED) MWH DUE TO GENERATION VARIANCES NUCLEAR	(E) COAL	(F) GAS	(G) PURCHASE VARIANCES	(H) SALES VARIANCES	(I) UNALLOCATED VARIANCES	(J) TOTAL	
1	HEAVY OIL	(67,460)	(211)	(563)	3,261	(8,630)	(63,542)	25,158	(22,083)	(67,460)	1
2	LIGHT OIL	171,126	(9,420)	(25,111)	145,393	(4,357)	29,052	593	34,976	171,126	2
3	COAL	(481,783)	(16,270)	(48,699)	(199,814)	0	(186,163)	(2,588)	(26,250)	(481,783)	3
4	GAS	13,037	0	0	0	13,037	0	0	0	13,037	4
5	NUCLEAR	83,209	0	83,209	0	0	0	0	0	83,209	5
6	PURCH POWER-FIRM	271,684	(1,741)	(4,641)	26,872	0	251,194	0	0	271,684	6
7	ECONOMY-BROKER	(46,152)	(500)	(1,332)	7,712	0	(52,032)	0	0	(46,152)	7
8	ECONOMY-NONBROKER	16,602	(135)	(360)	2,083	0	15,014	0	0	16,602	8
9	SCHEDULE E	60,555	(923)	(2,461)	14,252	0	49,688	0	0	60,555	9
10	QUAL FACILITIES	(43,233)	(16)	(42)	241	0	(43,233)	0	0	(43,233)	10
11	ECONOMY SALES	8,116	0	0	0	0	0	8,116	(183)	8,116	11
12	SEMINOLE BACKUP	(7,428)	0	0	0	0	0	(7,428)	0	(7,428)	12
13	OTHER SALES	0	0	0	0	0	0	0	0	0	13
14	SEMINOLE SUPPLEMENTAL	(23,851)	0	0	0	0	0	(23,851)	0	(23,851)	14
15	TOTAL	(45,578)	(31,216)	(0)	0	0	(22)	0	(14,340)	(45,578)	15

COST RECONCILIATION

	(A) ENERGY SOURCE	(B) COST VARIANCES (2)	(C) SYSTEM MWH VARIANCES	(D) INCREASED/(DECREASED) COST DUE TO GENERATION VARIANCES NUCLEAR	(E) COAL	(F) GAS	(G) PURCHASE VARIANCES	(H) SALES VARIANCES	(I) UNALLOCATED VARIANCES	(J) TOTAL	
1	HEAVY OIL	(1,557,599)	(4,965)	(13,236)	76,636	(203,978)	(1,493,258)	618,952	(537,751)	(1,557,599)	1
2	LIGHT OIL	9,442,384	(519,799)	(1,385,571)	8,022,502	(240,423)	1,603,044	32,748	1,929,883	9,442,384	2
3	COAL	(8,919,168)	(338,221)	(901,658)	(3,699,135)	0	(3,446,396)	(47,918)	(485,959)	(8,919,168)	3
4	GAS	444,400	0	0	0	444,400	0	0	(0)	444,400	4
5	NUCLEAR	389,915	0	389,915	0	0	0	0	0	389,915	5
6	PURCH POWER-FIRM	5,922,664	(37,956)	(101,176)	585,811	0	5,475,985	0	0	5,922,664	6
7	ECONOMY-BROKER	(1,285,848)	(13,921)	(37,109)	214,862	0	(1,449,680)	0	0	(1,285,848)	7
8	ECONOMY-NONBROKER	388,650	(3,159)	(8,422)	48,761	0	351,469	0	0	388,650	8
9	SCHEDULE E	1,399,170	(21,336)	(56,872)	329,292	0	1,148,086	0	0	1,399,170	9
10	QUAL FACILITIES	(1,056,366)	(381)	(1,016)	5,890	0	(1,056,366)	0	(4,483)	(1,056,366)	10
11	ECONOMY SALES	128,588	0	0	0	0	0	128,588	0	128,588	11
12	SEMINOLE BACKUP	(193,361)	0	0	0	0	0	(193,361)	(0)	(193,361)	12
13	OTHER SALES	0	0	0	0	0	0	0	0	0	13
14	SEMINOLE SUPPLEMENTAL	(539,009)	0	0	0	0	0	(539,009)	0	(539,009)	14
15	TOTAL	4,564,420	(939,739)	(2,115,044)	5,584,630	0	1,132,883	0	901,690	4,564,420	15

(1) Reference: Lines 1 through 5, see Schedule A3; Lines 6 through 14, see Schedule A1.
(2) Reference: See Sheet 2 of 3 (KWH-1), column B.

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

Capacity Cost Recovery Clause
Final True-Up Amount
April through September 1994

CALCULATION OF TRUE-UP (KHW-2)

FLORIDA POWER CORPORATION
CAPACITY COST RECOVERY CLAUSE
SUMMARY OF NET TRUE-UP AMOUNT
FOR THE PERIOD APRIL 1994 THROUGH SEPTEMBER 1994

	Actual	Original Estimate	Variance
1. Jurisdictionalized Capacity Cost Recovery Revenues From Sheet 2, line 30; column (g)	$63,349,424	$62,595,983	$753,441
2. Jurisdictional Capacity Charges From Sheet 2, line 27; column (g)	$56,454,977	$62,595,983	($6,141,006)
3. Plus/(Minus) Interest Provision From Sheet 3, line 10; column (g)	$118,640	$29,173	$89,467
Subtotal current period recovery	$7,013,087	$29,173	$6,983,914
4. True-up carried over from the Period October 1993 through March 1994 From Sheet 2 line 34; Col (g)	$2,313,050	$2,382,955	($69,905)
5. Prior Period True-up Collected From Sheet 2 line 35; Col (g)	(2,382,955)	($2,382,955)	$0
6. End-of-period True-up- Over/(Under) Recovery for the April through September 1994 Period (Line 1- 2 + 3+ 4 + 5)	$6,943,182	$29,173	$6,914,009

Notes:
The Capacity Cost Recovery True-up and interest calculation is consistent with the procedures established by the Commission as set forth on Schedule A-2, "Calculation of True-Up and Interest Provision" for the Fuel Cost Recovery Clause.

FLORIDA POWER CORPORATION
CAPACITY COST RECOVERY CLAUSE
TRUE-UP CALCULATION
FOR THE PERIOD APRIL 1994 THROUGH SEPTEMBER 1994

Florida Power Corporation
Docket
Witness: K.H. Wieland
Exhibit No. _____ (KHW-2)
Sheet 2 of 3

Description	(a) April	(b) May	(c) June	(d) July	(e) August	(f) September	(g) 6 Months Cumulative
Base Production Level Capacity Charges:							
1. UPS Purchase (200 MW)	$2,402,476	$2,325,707	$2,563,465	$2,402,148	$2,462,052	$2,454,112	$14,609,960
2. Schedule E Purchase (100%)	1,597,303	1,597,303	1,597,303	1,370,753	1,544,060	1,597,303	9,304,025
3. Mulberry Energy - QF	0	0	0	0	1,261,500	1,424,429	2,685,929
4. Royster Phosphates - QF	0	0	0	0	0	0	0
5. Seminole Fertilizer Qualifying Facility	290,850	290,850	290,850	290,850	290,850	297,858	1,752,108
6. Schedule F Capacity Sales	0	0	(1,700)	0	0	0	(1,700)
7. Subtotal - Base Level Capacity Charges	$4,290,629	$4,213,860	$4,449,918	$4,063,751	$5,558,462	$5,773,702	$28,350,322
8. Base Production Jurisdictional Responsibility	93.547%	93.547%	93.547%	93.547%	93.547%	93.547%	93.547%
9. Base Level Jurisdictional Capacity Charges	$4,013,755	$3,941,940	$4,162,765	$3,801,517	$5,199,774	$5,401,125	$26,520,876
Intermediate Production Level Capacity Charges:							
10. UPS Purchase (0 MW)	$0	$0	$0	$0	$0	$0	$0
11. Schedule E (0 MW)	0	0	0	0	0	0	0
12. Schedule F Capacity Charges	0	0	0	0	0	0	0
13. TECO Power Purchase	471,367	471,367	471,367	471,367	471,367	471,367	2,828,202
14. Bay County Qualifying Facility	81,290	81,580	81,290	81,290	81,290	81,290	488,030
15. Dade County Qualifying Facility	525,240	525,240	544,606	544,606	544,606	546,509	3,230,807
16. Timber Energy Qualifying Facility	262,939	249,939	263,470	249,939	290,531	263,470	1,580,288
17. Lake Cogen Qualifying Facility	1,402,439	1,402,438	1,402,439	1,402,439	1,559,861	1,512,434	8,682,050
18. Pasco Cogen Qualifying Facility	1,402,439	1,402,438	1,402,439	1,402,439	1,540,369	1,498,684	8,648,808
19. Orlando Cogen Qualifying Facility	774,000	749,000	749,000	749,000	1,028,702	1,262,327	5,312,029
20. Auburndale Qualifying Facility	0	0	0	1,404,000	1,404,388	1,404,194	4,212,582
21. Ridge Generating Station Qualifying Facility	0	802,569	588,648	585,498	563,758	431,710	2,972,183
22. Schedule H Capacity Sales	(4,449)	(41,260)	(28,783)	(48,048)	(6,617)	(3,885)	(133,042)
23. Subtotal - Intermediate Level Capacity Charges	$4,915,265	$5,643,311	$5,474,476	$6,842,530	$7,478,255	$7,468,100	$37,821,937
24. Intermediate Production Jurisdict. Responsibility	84.348%	84.348%	84.348%	84.348%	84.348%	84.348%	84.348%
25. Intermediate Level Jurisdict. Capacity Charges	$4,145,928	$4,760,020	$4,617,611	$5,771,537	$6,307,759	$6,299,193	$31,902,048
26. Sebring Base Rate Credits	($307,170)	($294,960)	($332,917)	($350,630)	($321,729)	($360,533)	($1,967,947)
26a. Adjustment for Prior Cap Exp (jurisdictionalized)				0			$0
27. Jurisdictional Capacity Charges (line 9. + 25. + 26. + 26a.)	$7,852,513	$8,406,992	$8,447,459	$9,222,424	$11,185,804	$11,339,785	$56,454,977
28. Capacity Cost Recovery Revenues (net of tax)	$8,658,552	$9,056,193	$10,124,216	$11,233,606	$10,706,401	$11,187,501	$60,966,469
28a. Capacity Cost Revenues Adjustment (net of tax)	0	0	0	0	0	0	0
29. Prior Period True-Up Provision	397,159	397,159	397,159	397,159	397,159	397,160	2,382,955
30. Current Period Capacity Cost Recovery Revenues (net of tax) (sum of lines 28 through 29)	$9,055,711	$9,453,352	$10,521,375	$11,630,765	$11,103,560	$11,584,661	$63,349,424
31. True-Up Provision - Over/(Under) Recovery (line 30 - line 27)	$1,203,198	$1,046,360	$2,073,916	$2,408,341	($82,244)	$244,876	$6,894,447
32. Interest Provision for the Month	8,591	11,876	17,074	24,201	28,167	28,731	118,640
33. Current Cycle Balance (line 31 + line 32) Cumulative	1,211,789	2,270,025	4,361,015	6,793,557	6,739,480	7,013,087	7,013,087
34. Plus: True-Up & Interest Provision (beginning)	2,313,050	2,313,050	2,313,050	2,313,050	2,313,050	2,313,050	2,313,050
35. Plus: Prior Period True-Up Collected/(Refunded) Cumulative	(397,159)	(794,318)	(1,191,477)	(1,588,636)	(1,985,795)	(2,382,955)	(2,382,955)
36. Plus: Other	0	0	0	0	0	0	0
37. End of Period Net True-Up (lines 33 through 36)	$3,127,680	$3,788,757	$5,482,588	$7,517,971	$7,066,735	$6,943,182	$6,943,182

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Florida Power Corporation
Docket 940001-EI
Witness: K.H. Wieland
Exhibit No. _____(KHW-2)
Sheet 3 of 3

FLORIDA POWER CORPORATION
CAPACITY COST RECOVERY CLAUSE
TRUE-UP CALCULATION
FOR THE PERIOD APRIL 1994 THROUGH SEPTEMBER 1994

Description	(a) April	(b) May	(c) June	(d) July	(e) August	(f) September	(g) 6 Month Cumulative
Interest Provision:							
1. Beginning True-Up	$2,313,050	$3,127,680	$3,788,757	$5,482,588	7,517,971	$7,066,735	n/a
2. Ending True-Up	3,119,089	3,776,881	5,465,514	7,493,770	7,038,568	6,914,451	n/a
3. Total True-Up (line 1 + line 2)	$5,432,139	$6,904,561	$9,254,271	$12,976,358	$14,556,539	$13,981,186	n/a
4. Average True-Up (50% of line 3)	$2,716,070	$3,452,281	$4,627,136	$6,488,179	$7,278,269	$6,990,593	n/a
5. Interest Rate - First Day of Reporting Month	3.690%	3.900%	4.360%	4.500%	4.460%	4.820%	n/a
6. Interest Rate - First Day of Subsequent Month	3.900%	4.360%	4.500%	4.460%	4.820%	5.040%	n/a
7. Total Interest (line 5 + line 6)	7.590%	8.260%	8.860%	8.960%	9.280%	9.860%	n/a
8. Average Interest Rate (50% of line 7)	3.795%	4.130%	4.430%	4.480%	4.640%	4.930%	n/a
9. Monthly Average Interest Rate (line 8 / 12)	0.3163%	0.344%	0.369%	0.373%	0.387%	0.411%	n/a
10. Interest Provision (line 4 x line 9)	$8,591	$11,876	$17,074	$24,201	$28,167	$28,730	$118,640

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

Fuel Cost Recovery Clause
Final True-Up Amount
April through September 1994

SCHEDULES A1 through A13 (KHW-3)

FLORIDA POWER CORPORATION

SCHEDULE A1
PAGE 2 OF 2

FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
PERIOD TO DATE - SEPTEMBER 1994

	$				MWH				CENT/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	291,038,403	233,161,871	17,887,432	7.7	13,496,514	13,778,384	(281,870)	(2.1)	1.9800	1.9822	0.1878	9.9
2 SPENT NUCLEAR FUEL DISPOSAL COST	1,980,089	1,904,280	76,809	4.0	2,118,873	2,038,664	83,209	4.1	0.0934	0.0936	(0.0001)	(0.1)
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 - MERCED LAKE/OUB	(14,884)	172,668	(187,782)	(108.6)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENT- PRIOR PERIOD	(80,296)	0	(80,296)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
6 TOTAL COST OF GENERATED POWER	292,814,313	236,229,118	17,885,194	7.6	13,496,514	13,778,384	(281,870)	(2.1)	1.6739	1.7072	0.1667	9.8
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A8)	11,300,833	4,926,130	6,374,703	129.6	616,981	248,707	271,884	110.1	2.1800	1.9965	0.1837	9.2
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A8)	20,724,488	16,970,200	4,864,288	28.0	748,648	790,000	(48,182)	(6.6)	2.7881	2.0342	0.7619	37.0
8 ENERGY COST OF ECONOMY PURCHASES - NON-BROKER (SCH A8)	940,653	493,178	447,477	90.7	60,182	23,580	16,602	70.4	2.3410	2.0915	0.2495	11.9
9 ENERGY COST OF SCH E PURCHASES (SCH A8)	4,537,398	2,651,424	1,886,972	69.1	198,376	136,820	60,556	44.8	2.3108	2.0994	0.2112	10.1
10 CAPACITY COST OF SCH E PURCHASES (SCH A8)	0	0	0	0.0	198,376	136,820	60,555	44.8	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8A)	58,718,208	55,527,490	3,188,718	6.0	2,521,083	2,564,296	(43,233)	(1.6)	2.4434	2.2640	0.1794	7.9
12 TOTAL COST OF PURCHASED POWER	94,218,668	77,867,420	16,349,198	21.0	3,818,849	3,560,383	258,466	7.3	2.4686	2.1870	0.2796	12.8
13 TOTAL AVAILABLE MWH					17,316,363	17,338,777	(22,414)	(0.1)				
14 FUEL COST OF ECONOMY SALES (BROKER) (SCH A7a)	(2,661,727)	(3,036,700)	164,973	(5.1)	(161,884)	(190,000)	8,116	(4.3)	1.5844	1.5983	(0.0139)	(0.9)
14a GAIN ON ECONOMY SALES (BROKER) - 80% (SCH A7a)	(424,880)	(486,640)	41,760	(9.0)	(161,884)	(190,000)	8,116	(4.3)	0.2338	0.2458	(0.0120)	(4.9)
16 FUEL COST OF OTHER POWER SALES (SCH A7)	(199,361)	0	(199,361)	0.0	(7,428)	0	(7,428)	0.0	2.6831	0.0000	2.6831	0.0
16a GAIN ON OTHER POWER SALES - 100% (SCH A7b)	(211,722)	0	(211,722)	0.0	(7,428)	0	(7,428)	0.0	2.8503	0.0000	2.8503	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A7)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF SUPPLEMENTAL SALES	(6,868,225)	(6,486,100)	(229,125)	3.5	(296,962)	(272,101)	(23,861)	8.8	2.2998	2.3780	(0.1181)	(4.9)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(10,366,825)	(9,988,440)	(261,613)	2.6	(465,294)	(462,101)	(23,193)	5.0	2.1431	2.1572	(0.0141)	(0.7)
19 NET INADVERTENT INTERCHANGE (SCH A10)					14,362	0	14,362					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	336,730,944	303,128,088	33,602,845	11.1	16,846,481	16,876,978	(31,215)	(0.2)	1.9988	1.7981	0.2028	11.3
21 NET UNBILLED (SCH A4)	9,536,169	7,766,208	(2,233,039)	(28.7)	(278,858)	(432,681)	156,596	(36.0)	0.0355	0.0510	(0.0155)	(30.4)
22 COMPANY USE (SCH A4)	2,100,248	1,697,348	402,898	23.7	(108,088)	(94,500)	(10,588)	11.2	0.0135	0.0111	0.0024	21.6
23 T & D LOSSES (SCH A4)	17,648,018	20,020,868	(2,374,830)	(11.9)	(882,788)	(1,114,865)	231,900	(20.8)	0.1133	0.1314	(0.0181)	(13.8)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 2 OF 4)	336,730,944	303,128,088	33,602,845	11.1	15,580,870	15,234,957	345,713	2.3	2.1612	1.9897	0.1716	8.6
25 WHOLESALE KWH SALES (EXCLUDING SUPPLEMENTAL SALES)	(14,802,869)	(10,637,980)	(4,064,889)	38.6	(379,860)	(529,857)	(150,223)	28.4	2.1479	1.9990	0.1589	8.0
26 JURISDICTIONAL KWH SALES (SCH A2 PG 2 OF 4)	322,128,061	292,690,138	29,837,812	10.1	14,800,790	14,705,300	196,490	1.3	2.1816	1.9997	0.1721	8.7
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0015	322,678,030	292,988,786	29,678,266	10.1	14,800,790	14,705,300	196,490	1.3	2.1846	1.9925	0.1723	8.7
28 PRIOR PERIOD TRUE-UP	(4,967,508)	(4,967,508)	0	0.0	14,800,790	14,705,300	196,490	1.3	(0.0333)	(0.0338)	0.0005	(1.5)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	14,800,790	14,705,300	196,490	1.3	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	317,811,522	288,032,287	29,678,266	10.3	14,800,790	14,705,300	196,490	1.3	2.1516	1.9587	0.1729	8.8
30 REVENUE TAX FACTOR									1.00083	1.00083	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									2.1533	1.9603	0.1729	8.8
32 GPIF	1,102,686	1,100,686			14,800,790	14,705,300			0.0074	0.0075	(0.0001)	(1.3)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENT/KWH									2.161	1.968	0.173	8.8

CALCULATION OF TRUE-UP AND INTEREST PROVISION
FLORIDA POWER CORPORATION
SEPTEMBER 1994

		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	$37,643,210	$40,969,328	($3,326,118)	(8.1)	$251,039,402	$233,151,671	$17,887,431	7.7
1a.	NUCLEAR FUEL DISPOSAL COST	507,003	467,644	39,359	8.4	1,960,089	1,904,280	75,809	4.0
2.	FUEL COST OF POWER SOLD	(1,272,642)	(822,500)	(450,142)	54.7	(3,039,087)	(3,036,700)	(38,387)	1.3
2a.	GAIN ON POWER SALES	(235,922)	(142,000)	(93,922)	66.1	(636,612)	(466,640)	(169,972)	36.4
3.	FUEL COST OF PURCHASED POWER	963,150	976,330	(13,180)	0.0	11,300,833	4,925,130	6,375,703	0.0
3a.	ENERGY PAYMENTS TO QUALIFYING FAC.	9,780,592	9,881,270	(100,678)	(1.0)	56,713,208	53,527,490	3,185,718	6.0
3b.	DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4.	ENERGY COST OF ECONOMY PURCHASES	981,220	2,565,618	(1,584,398)	(63.2)	26,202,515	19,414,800	6,787,715	35.0
5.	TOTAL FUEL & NET POWER TRANSACTIONS	48,366,611	53,995,690	(5,629,079)	(10.4)	343,524,348	309,420,331	34,104,017	11.0
6.	ADJUSTMENTS TO FUEL COST:								
6a.	FUEL COST OF SUPPLEMENTAL SALES	(1,845,669)	(2,185,600)	339,931	(15.6)	(6,688,225)	(6,465,100)	(223,125)	3.5
6b.	OTHER - JURISDICTIONAL ADJUSTMENTS	(11,118)	(76,914)	65,796	(85.6)	(14,882)	172,868	(187,750)	(108.6)
6c.	OTHER - PRIOR PERIOD ADJUSTMENT	(90,295)	0	(90,295)	0.0	(90,295)	0	(90,295)	0.0
7.	ADJUSTED TOTAL FUEL & NET PWR TRNS	$46,419,531	$51,733,176	($5,313,645)	(10.3)	$336,730,945	$303,128,099	$33,602,846	11.1

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
FLORIDA POWER CORPORATION
SEPTEMBER 1994

		CURRENT MONTH				PERIOD TO DATE			
		ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
B.	SALES REVENUES (EXCLUDE REVENUE TAXES)								
1.	JURISDICTIONAL SALES REVENUE	$0	$0	$0	0.0	$0	$0	$0	0.0
1a.	BASE FUEL REVENUE	53,062,432	55,596,204	(2,533,772)	(4.6)	290,537,812	289,165,020	1,372,792	0.5
1b.	FUEL RECOVERY REVENUE	53,062,432	55,596,204	(2,533,772)	(4.6)	290,537,812	289,165,020	1,372,792	0.5
1c.	JURISDICTIONAL FUEL REVENUE	130,089,416	(55,596,204)	185,685,620	(334.0)	719,270,892	360,950,980	358,319,912	99.3
1d.	NON FUEL REVENUE	183,151,848	0	183,151,848	0.0	1,009,808,704	650,116,000	359,692,704	55.3
1e.	TOTAL JURISDICTIONAL SALES REVENUE	11,881,122	(964,500)	12,845,622	(1,331.8)	64,147,724	34,124,660	30,023,064	88.0
2.	NON JURISDICTIONAL SALES REVENUE	$195,032,989	($964,500)	$195,997,489	(20,321.2)	$1,073,958,428	$684,240,660	$389,715,768	57.0
3.	TOTAL SALES REVENUE								
C.	KWH SALES								
1.	JURISDICTIONAL SALES	2,720,954,433	2,827,309,000	(106,354,567)	(3.8)	14,900,789,667	14,705,300,000	195,489,667	1.3
2.	NON JURISDICTIONAL (WHOLESALE) SALES	129,666,350	105,067,000	24,599,350	23.4	679,881,763	529,657,000	150,224,763	28.4
3.	TOTAL SALES	2,850,620,783	2,932,376,000	(81,755,217)	(2.8)	15,580,671,430	15,234,957,000	345,714,430	2.3
4.	JURISDICTIONAL SALES % OF TOTAL SALES	95.45	96.42	(0.97)	(1.0)	95.64	96.52	(0.88)	(0.9)

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
FLORIDA POWER CORPORATION
SEPTEMBER 1994

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)	$53,082,432	$55,596,204	($2,533,772)	(4.6)	$290,537,812	$289,165,020	$1,372,792	0.5
2.	ADJUSTMENTS: PRIOR PERIOD ADJ - REGULATORY ASSESS	0	0	0	0.0	0	0	0	0.0
2a.	TRUE UP PROVISION	827,918	827,918	0	0.0	4,967,508	4,967,508	0	0.0
2b.	INCENTIVE PROVISION	(183,302)	(183,304)	2	0.0	(1,101,654)	(1,099,824)	(1,830)	0.2
2c.	OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3.	TOTAL JURISDICTIONAL FUEL REVENUE	53,707,048	56,240,818	(2,533,770)	(4.5)	294,403,666	293,032,704	1,370,962	0.5
4.	ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	46,419,531	51,733,176	(5,313,645)	(10.3)	336,730,945	303,126,099	33,602,846	11.1
5.	JURISDICTIONAL SALES % OF TOT SALES (LINE C4)	95.45	96.42	(0.97)	(1.0)				
6.	JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE D4 * LINE D5 * .13%)	44,385,042	49,949,416	(5,564,374)	(11.2)	322,579,029	292,999,765	29,579,264	10.1
7.	TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE D3 - D6)	9,342,006	6,291,402	3,050,604	0.0	(28,175,383)	32,939	(28,208,302)	0.0
8.	INTEREST PROVISION FOR THE MONTH (LINE E10)	(156,065)				(821,373)			
9.	TRUE UP & INT PROVISION BEG OF MONTH/PERIOD	(42,228,970)				(109,703)			
10.	TRUE UP COLLECTED (REFUNDED)	(827,918)				(4,967,508)			
11.	END OF PERIOD TOTAL NET TRUE UP (LINES D7 + D8 + D9 + D10)	(33,870,947)				(33,870,947)			
12.	OTHER:	0							
13.	END OF PERIOD TOTAL NET TRUE UP (LINES D11 + D12)	(33,870,947)				(33,870,947)			

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
FLORIDA POWER CORPORATION
SEPTEMBER 1994

		CURRENT MONTH				PERIOD TO DATE		
		ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE
E.	INTEREST PROVISION							
1.	BEGINNING TRUE UP (LINE D8)	($42,228,970)	N/A	-	-			
2.	ENDING TRUE UP (LINES D7 + D8 + D10)	(33,714,882)	N/A	-	-		NOT	
3.	TOTAL OF BEGINNING & ENDING TRUE UP	(75,943,852)	N/A	-	-			
4.	AVERAGE TRUE UP (50% OF LINE E3)	(37,971,926)	N/A	-	-			
5.	INTEREST RATE - FIRST DAY OF REPORTING MONTH	4.820	N/A	-	-			
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.040	N/A	-	-			
7.	TOTAL (LINE E5 + LINE E6)	9.860	N/A	-	-		APPLICABLE	
8.	AVERAGE INTEREST RATE (50% OF LINE E7)	4.930	N/A	-	-			
9.	MONTHLY AVERAGE INTEREST RATE (LINE E8/12)	0.411	N/A	-	-			
10.	INTEREST PROVISION (LINE E4 * LINE E9)	($156,065)	N/A	-	-			

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APR - SEP, 1994
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
FLORIDA POWER CORPORATION

SCHEDULE A-3

	FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
	NET GENERATION ($)				
1	HEAVY OIL	73,919,242	59,658,169	14,261,073	23.9
2	LIGHT OIL	17,191,918	6,722,620	10,469,298	155.7
3	COAL	143,856,634	151,959,994	-8,103,360	-5.3
4	GAS	6,137,955	5,393,740	744,215	13.8
5	NUCLEAR	9,933,654	9,417,448	516,206	5.5
6	OTHER	0	0	0	0.0
7	OTHER	0	0	0	0.0
8	TOTAL ($)	251,039,403	233,151,971	17,887,432	7.7
	SYSTEM NET GENERATION (MWH)				
9	HEAVY OIL	3,145,455	3,212,915	-67,460	-2.1
10	LIGHT OIL	280,477	109,351	171,126	156.5
11	COAL	7,770,644	8,252,427	-481,783	-5.8
12	GAS	180,064	167,027	13,037	7.8
13	NUCLEAR	2,119,873	2,036,664	83,209	4.1
14	OTHER	0	0	0	0.0
15	OTHER	0	0	0	0.0
16	TOTAL (MWH)	13,496,513	13,778,384	-281,871	-2.0
	UNITS OF FUEL BURNED				
17	HEAVY OIL (BBL)	5,081,711	5,008,835	72,876	1.5
18	LIGHT OIL (BBL)	741,129	300,159	440,970	146.9
19	COAL (TON)	2,960,642	3,150,199	-189,557	-6.0
20	GAS (MCF)	2,423,789	1,642,682	781,107	47.6
21	NUCLEAR (MM BTU)	21,786,097	21,403,291	382,806	1.8
22	OTHER (TONS)	0	0	0	0.0
23	OTHER (BBL)	0	0	0	0.0
	BTUS BURNED (MILLION BTU)				
24	HEAVY OIL	32,420,168	31,555,661	864,507	2.7
25	LIGHT OIL	4,333,254	1,740,910	2,592,344	148.9
26	COAL	74,015,439	78,822,370	-4,806,931	-6.1
27	GAS	2,497,645	1,642,682	854,963	52.0
28	NUCLEAR	21,786,097	21,403,291	382,806	1.8
29	OTHER	0	0	0	0.0
30	OTHER	0	0	0	0.0
31	TOTAL (MILLION BTU)	135,052,603	135,164,914	-112,311	-0.1
	GENERATION MIX (% MWH)				
32	HEAVY OIL	23.3	23.3	0.0	0.0
33	LIGHT OIL	2.1	0.8	1.3	162.5
34	COAL	57.6	59.9	-2.3	-3.8
35	GAS	1.3	1.2	0.1	8.3
36	NUCLEAR	15.7	14.8	0.9	6.1
37	OTHER	0.0	0.0	0.0	0.0
38	OTHER	0.0	0.0	0.0	0.0
39	TOTAL (%)	100.0	100.0	0.0	0.0

APR - SEP, 1994
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
FLORIDA POWER CORPORATION

SCHEDULE A-3

FUEL COST OF SYSTEM

		ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
	FUEL COST PER UNIT				
40	HEAVY OIL ($/BBL)	14.55	11.91	2.64	22.2
41	LIGHT OIL ($/BBL)	23.20	22.40	0.80	3.6
42	COAL ($/TON)	48.59	48.24	0.35	0.7
43	GAS ($/MCF)	2.53	3.28	-0.75	-22.9
44	NUCLEAR ($/MILLION BTU)	0.46	0.44	0.02	4.5
45	OTHER ($/TONS)	0.00	0.00	0.00	0.0
46	OTHER ($/BBL)	0.00	0.00	0.00	0.0
	FUEL COST PER MILLION BTU ($/MILLION BTU)				
47	HEAVY OIL	2.28	1.89	0.39	20.6
48	LIGHT OIL	3.97	3.86	0.11	2.8
49	COAL	1.94	1.93	0.01	0.5
50	GAS	2.46	3.28	-0.82	-25.0
51	NUCLEAR	0.46	0.44	0.02	4.5
52	OTHER	0.00	0.00	0.00	0.0
53	OTHER	0.00	0.00	0.00	0.0
54	SYSTEM ($/MILLION BTU)	1.86	1.72	0.14	8.1
	BTU BURNED PER KWH (BTU/KWH)				
55	HEAVY OIL	10,307	9,822	485	4.9
56	LIGHT OIL	15,450	15,920	-470	-3.0
57	COAL	9,525	9,551	-26	-0.3
58	GAS	13,871	9,835	4,036	41.0
59	NUCLEAR	10,277	10,509	-232	-2.2
60	OTHER	0	0	0	0.0
61	OTHER	0	0	0	0.0
62	SYSTEM (BTU/KWH)	10,006	9,810	196	2.0
	GENERATED FUEL COST PER KWH (CENTS/KWH)				
63	HEAVY OIL	2.35	1.86	0.49	26.3
64	LIGHT OIL	6.13	6.15	-0.02	-0.3
65	COAL	1.85	1.84	0.01	0.5
66	GAS	3.41	3.23	0.18	5.6
67	NUCLEAR	0.47	0.46	0.01	2.2
68	OTHER	0.00	0.00	0.00	0.0
69	OTHER	0.00	0.00	0.00	0.0
70	SYSTEM (CENTS/KWH)	1.86	1.69	0.17	10.1

FLORIDA POWER CORPORATION

ELECTRIC ENERGY ACCOUNT
SEPTEMBER 1994

SCHEDULE A4

		CURRENT MONTH				PERIOD TO DATE			
		ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
	MWH								
1.	SYSTEM NET GENERATION	2,261,564	2,506,522	(244,958)	(9 8)	13,498,514	13,778,384	(281,870)	(2 1)
2.	POWER SOLD	(153,116)	(141,987)	(11,129)	7 8	(485,262)	(462,101)	(23,161)	5 0
3.	INADVERTENT INTERCHANGE DELIVERED	(830,716)	0	(830,716)	0 0	(4,449,138)	0	(4,449,138)	0 0
4.	PURCHASED POWER	47,190	48,757	(1,567)	0 0	518,391	246,707	271,684	0 0
4a.	ENERGY PURCHASED FOR QUALIFYING FACILITIES	488,004	443,318	45,686	10 3	2,321,053	2,364,286	(43,233)	(1 8)
5.	ECONOMY PURCHASES	43,766	114,345	(70,579)	(61 7)	980,405	949,400	31,005	3 3
6.	INADVERTENT INTERCHANGE RECEIVED	844,962	0	844,962	0 0	4,483,498	0	4,483,498	0 0
7.	NET ENERGY FOR LOAD	2,693,854	2,970,953	(277,299)	(9 3)	16,845,461	16,876,676	(31,215)	(0 2)
8.	SALES	2,939,004	3,024,393	(85,389)	(2 8)	15,918,497	15,507,058	411,439	2 7
8a.	SUPPLEMENTAL SALES	(74,527)	(91,987)	17,460	(19 0)	(295,952)	(272,101)	(23,851)	8 8
8b.	ADJUSTED SYSTEM SALES	2,864,477	2,932,376	(67,899)	(2 3)	15,622,545	15,234,957	387,588	2 5
9.	COMPANY USE	14,170	15,750	(1,580)	(10 0)	105,088	94,500	10,588	11 2
10.	T&D LOSSES AND BILLING LAG	(184,993)	22,827	(207,820)	(910 4)	1,117,848	1,547,219	(429,371)	(27 8)
11.	UNACCOUNTED FOR ENERGY	0	0	0	0 0	0	0	0	0 0
12.									
13.	% COMPANY USE TO NEL	0 5%	0 5%	0 0%	0 0	0 6%	0 6%	0 0%	0 0
14.	% T&D LOSSES AND BILLING LAG TO NEL	-6 9%	0 8%	-7 7%	(962 5)	6 6%	9 2%	-2 6%	(28 3)
15.	% UNACCOUNTED FOR ENERGY TO NEL	0 0%	0 0%	0 0%	0 0	0 0%	0 0%	0 0%	0 0
	DOLLARS								
16.	FUEL COST OF SYSTEM NET GENERATION	$37,643,210	$40,989,328	($3,326,118)	(8 1)	$251,039,402	$233,151,971	$17,887,431	7 7
16a.	NUCLEAR FUEL DISPOSAL COST	507,003	487,644	39,359	8 4	1,980,089	1,904,280	75,809	4 0
16b.	ADJUSTMENTS TO FUEL COST	(101,411)	(78,914)	(24,497)	31 9	(105,177)	172,868	(278,045)	(160 8)
17.	FUEL COST OF POWER SOLD	(1,272,642)	(822,600)	(450,142)	54 7	(3,075,087)	(3,038,700)	(36,387)	1 3
17a.	FUEL COST OF SUPPLEMENTAL SALES	(1,845,069)	(2,185,000)	339,931	(15 6)	(6,688,225)	(6,465,100)	(223,125)	3 5
17b.	GAIN ON POWER SALES	(235,822)	(142,000)	(93,822)	66 1	(638,612)	(468,640)	(169,972)	36 4
18.	ENERGY COST OF PURCHASED POWER	963,150	976,330	(13,180)	0 0	11,300,833	4,925,130	6,375,703	0 0
18a.	CAPACITY COST OF SCHE PURCHASES	0	0	0	0 0	0	0	0	0 0
18b.	ENERGY PAYMENTS TO QUALIFYING FAC.	8,780,982	8,881,270	(100,678)	(1 0)	58,713,208	53,527,490	3,185,718	8 0
19.	ENERGY COST OF ECONOMY PURCHASES	981,220	2,665,618	(1,684,398)	(63 2)	28,202,515	19,414,800	8,787,715	35 0
20.	TOTAL FUEL & NET POWER TRANSACTIONS	$48,419,531	$51,733,176	($5,313,645)	(10 3)	$338,730,945	$305,128,099	$33,602,846	11 1
	CKWH								
21.	FUEL COST OF SYSTEM NET GENERATION	1 66	1 63	0 03	1 8	1 86	1 69	0 17	10 1
21a.	FUEL COST OF SUPPLEMENTAL SALES	2 48	2 38	0 10	4 2	2 26	2 38	(0 12)	(5 0)
22.	FUEL COST OF POWER SOLD	1 82	1 65	(0 03)	(1 8)	1 62	1 60	0 02	1 3
23.	ENERGY COST OF PURCHASED POWER	2 04	2 00	0 04	2 0	2 18	2 00	0 18	0 0
23a.	CAPACITY COST OF SCHE PURCHASES	0 00	0 00	0 00	0 00				
23b.	ENERGY PAYMENTS TO QUALIFYING FAC.	2 00	2 23	(0 23)	(10 3)	2 44	2 26	0 18	8 0
24.	ENERGY COST OF ECONOMY PURCHASES	2 24	2 33	(0 09)	(3 9)	2 87	2 04	0 83	30 9
25.	TOTAL FUEL & NET POWER TRANSACTIONS	1 72	1 74	(0 02)	(1 2)	2 00	1 80	0 20	11 1

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APR - SEP, 1994
SYSTEM NET GENERATION AND FUEL COST
FLORIDA POWER CORPORATION

(A) PLANT/UNIT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (CENTS/ KWH)	(N) FUEL COST PER UNIT ($)
CR3													
UNIT NO. 3	743		65				#2	340	5,800,000	1,973	8,130		23.912
		2,119,873.06				10,278	NF	21,786,097		21,786,097	11,913,743	0.562	0.547
TOTAL NUCLEAR	743	2,119,873.06				10,278				21,788,070	11,921,873	0.562	
ANCLOTE													
UNIT NO. 1	511	1,047,865.00	47			10,321	H6	1,676,034	6,390,194	10,710,182	24,424,741	2.369	14.573
							#2	17,720	5,918,012	104,868	400,785		22.618
UNIT NO. 2	511	979,197.00	44			10,209	H6	1,550,322	6,389,584	9,905,912	22,866,636	2.371	14.750
							#2	15,264	5,914,696	90,282	346,324		22.689
AVONPARK													
UNIT NO. 2	0		0										
BARTOW													
UNIT NO. 1	107	306,649.10	65			11,292	H6	546,342	6,331,199	3,458,999	7,563,067	2.470	13.843
							#2	610	5,893,354	3,597	10,410		17.066
UNIT NO. 2	117	340,259.60	66			9,799	H6	523,485	6,368,960	3,334,055	7,334,723	2.156	14.011
UNIT NO. 3	210	346,832.00	38			10,099	H6	548,413	6,386,992	3,502,710	7,687,416	2.216	14.018
CR1&2													
UNIT NO. 1	372		78				#2	4,923	5,829,414	28,699	115,131		23.386
		1,267,744.30				9,964	CA	509,968	12,356	12,602,584	23,497,983	1.863	46.077
UNIT NO. 2	468		72				#2	5,747	5,830,117	33,506	134,430		23.391
		1,486,134.90				9,923	CA	595,495	12,356	14,714,041	27,439,479	1.855	46.078
CR4&5													
UNIT NO. 4	697		78				#2	14,107	5,825,978	82,188	324,986		23.037
		2,382,734.80				9,388	CD	885,462	12,584	22,285,879	44,333,445	1.874	50.068
UNIT NO. 5	697		86				#2	15,894	5,822,255	92,539	365,397		22.990
		2,634,030.20				9,303	CD	969,862	12,586	24,412,935	48,585,726	1.858	50.096
HIGGINS													
UNIT NO. 1	39		0										
UNIT NO. 2	41		0										
UNIT NO. 3	39		0										
SUWANNEE													
UNIT NO. 1	33	38,515.41	29			12,691	H6	76,780	6,357,862	488,157	1,308,128	3.403	17.037
							#2	113	5,793,593	656	2,626		23.239
		3,340.59				13,259	GS	43,364	1,021	44,294	131,222	3.928	3.026
UNIT NO. 2	32	41,992.18	31			12,660	H6	83,503	6,358,239	530,931	1,421,594	3.392	17.024
							#2	121	5,793,973	702	2,809		23.215
		1,329.83				13,261	GS	17,272	1,021	17,635	55,818	4.197	3.232
UNIT NO. 3	80	44,144.88	39			11,109	H6	78,832	6,367,424	489,222	1,312,937	2.985	17.088

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APR - SEP, 1994
SYSTEM NET GENERATION AND FUEL COST
FLORIDA POWER CORPORATION

SCHEDULE A-5

(A) PLANT/UNIT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (CENTS/ KWH)	(N) FUEL COST PER UNIT ($)
							#2	204	5,793,823	1,182	4,739		23.230
		92,177.13				11,517	GS	1,038,064	1,023	1,061,561	3,037,407	3.295	2.926
TURNER													
UNIT NO. 2	0		0										
UNIT NO. 3	70		0										
UNIT NO. 4	71		0										
TOTAL STEAM	4095	11012946.90				9,806				107997316	222707959	2.022	
AVON-PKR													
UNITS 1-2	51	644.34	3			15,329	#2	1,672	5,906,636	9,877	45,021	6.987	26.926
		7,168.86				16,266	GS	112,354	1,038	116,611	242,783	3.387	2.161
BART-PKR													
UNITS 1-4	176	24,740.00	3			14,095	#2	60,016	5,810,489	348,722	1,329,469	5.374	22.152
BAYB-PKR													
UNITS 1-4	184	25,168.00	3			13,455	#2	57,381	5,901,609	338,641	1,310,669	5.208	22.842
DBRY-PKR													
UNITS 1-10	586	90,023.00	3			13,935	#2	214,626	5,844,959	1,254,482	4,997,982	5.552	23.287
HIGG-PKR													
UNITS 1-4	110	2,232.93	2			16,155	#2	6,105	5,908,526	36,072	160,292	7.179	26.256
		6,989.97				18,498	GS	124,577	1,038	129,300	238,496	3.412	1.914
INTC-PKR													
UNITS 1-10	581	117,271.00	5			13,746	#2	275,819	5,844,255	1,611,959	6,472,174	5.519	23.465
PTSJ-PKR													
UNITS 1	15	114.00	0			18,412	#2	359	5,847,093	2,099	10,160	8.912	28.301
RIOP-PKR													
UNITS 1	14	57.00	0			16,386	#2	161	5,803,794	934	4,047	7.100	25.137
SWAN-PKR													
UNITS 1-3	159	5,505.50	1			13,591	#2	12,912	5,795,041	74,827	299,699	5.444	23.211
TURN-PKR													
UNITS 1-4	158	14,721.10	2			14,555	#2	36,828	5,817,832	214,260	841,618	5.717	22.853
U-OF-FLA													
UNITS 1-6	39		40					207	5,739,041	1,189	5,018		24.242
		69,057.60				16,338	GS	1,088,158	1,037	1,128,244	2,432,229	3.522	2.235
TOTAL													

APR - SEP, 1994
SYSTEM NET GENERATION AND FUEL COST
FLORIDA POWER CORPORATION

SCHEDULE A-5

(A) PLANT/UNIT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (CENTS/ KWH)	(N) FUEL COST PER UNIT ($)
GAS TURB	2073	363,693.30				14,483				5,267,217	18,389,657	5.056	
SYSTEM TOTAL	6911	13496513.26				10.006				135052603	253019489	1.875	

APR - SEP, 1994
SYSTEM GENERATION FUEL COST
FLORIDA POWER CORPORATION

SCHEDULE A-6

		ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
	HEAVY OIL				
1	PURCHASES				
2	UNITS (BBL)	4,714,174	4,885,000	-170,826	-3.5
3	UNIT COST ($/BBL)	15.31	12.03	3.28	27.3
4	AMOUNT ($)	72,185,202	58,787,150	13,398,052	22.8
5	BURNED				
6	UNITS (BBL)	5,081,711	5,008,835	72,876	1.5
7	UNIT COST ($/BBL)	14.55	11.91	2.64	22.2
8	AMOUNT ($)	73,919,242	59,658,169	14,261,073	23.9
9	ADJUSTMENTS				
10	UNITS (BBL)	41,013			
11	AMOUNT ($)	-636,998			
12	ENDING INVENTORY				
13	UNITS (BBL)	497,460	673,313	-175,853	-26.1
14	UNIT COST ($/BBL)	14.68	13.12	1.56	11.9
15	AMOUNT ($)	7,300,905	8,830,953	-1,530,048	-17.3
16					
17	DAYS SUPPLY	0	0	0	0.0
	LIGHT OIL				
18	PURCHASES				
19	UNITS (BBL)	746,768	230,000	516,768	224.7
20	UNIT COST ($/BBL)	23.23	21.82	1.41	6.5
21	AMOUNT ($)	17,350,687	5,018,300	12,332,387	245.7
22	BURNED				
23	UNITS (BBL)	741,129	238,089	503,040	211.3
24	UNIT COST ($/BBL)	23.20	22.66	0.54	2.4
25	AMOUNT ($)	17,191,918	5,395,490	11,796,428	218.6
26	ADJUSTMENTS				
27	UNITS (BBL)	748			
28	AMOUNT ($)	-1,101			
29	ENDING INVENTORY				
30	UNITS (BBL)	344,117	317,368	26,749	8.4
31	UNIT COST ($/BBL)	23.69	23.26	0.43	1.8
32	AMOUNT ($)	8,152,782	7,382,418	770,364	10.4
33					
34	DAYS SUPPLY	0	0	0	0.0

APR - SEP, 1994
SYSTEM GENERATION FUEL COST
FLORIDA POWER CORPORATION

SCHEDULE A-6

		ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
	COAL				
35	PURCHASES				
36	UNITS (TON)	2,839,494	2,900,000	-60,506	-2.1
37	UNIT COST ($/TON)	48.38	48.25	0.13	0.3
38	AMOUNT ($)	137,384,929	139,925,330	-2,540,401	-1.8
39	BURNED				
40	UNITS (TON)	2,960,642	3,150,199	-189,557	-6.0
41	UNIT COST ($/TON)	48.59	48.24	0.35	0.7
42	AMOUNT ($)	143,856,634	151,959,994	-8,103,360	-5.3
43	ADJUSTMENTS				
44	UNITS (TON)	0			
45	AMOUNT ($)	-5,735			
46	ENDING INVENTORY				
47	UNITS (TON)	763,800	805,064	-41,264	-5.1
48	UNIT COST ($/TON)	48.43	48.18	0.25	0.5
49	AMOUNT ($)	36,987,912	38,784,089	-1,796,177	-4.6
50					
51	DAYS SUPPLY	0	0	0	0.0
	OTHER				
52	PURCHASES				
53	UNITS (BBL)	0	0	0	0.0
54	UNIT COST ($/BBL)	0.00	0.00	0.00	0.0
55	AMOUNT ($)	0	0	0	0.0
56	BURNED				
57	UNITS (BBL)	0	0	0	0.0
58	UNIT COST ($/BBL)	0.00	0.00	0.00	0.0
59	AMOUNT ($)	0	0	0	0.0
60	ENDING INVENTORY				
61	UNITS (BBL)	0	0	0	0.0
62	UNIT COST ($/BBL)	0.00	0.00	0.00	0.0
63	AMOUNT ($)	0	0	0	0.0
64					
65	DAYS SUPPLY	0	0	0	0.0
	GAS				
66	BURNED				
67	UNITS (MCF)	2,423,789	1,642,682	781,107	47.6
68	UNIT COST ($/MCF)	2.53	3.28	-0.75	-22.9
69	AMOUNT ($)	6,137,955	5,393,740	744,215	13.8
	NUCLEAR				
70	BURNED				
71	UNITS (MM BTU)	21,786,097	21,403,291	382,806	1.8
72	UNIT COST ($/MM BTU)	0.46	0.44	0.02	4.5
73	AMOUNT ($)	9,933,654	9,417,448	516,206	5.5

NOTE: PURCHASE DOLLARS AND UNITS DO NOT INCLUDE PLANT TO PLANT TRANSFERS

FLORIDA POWER CORPORATION
SCHEDULE A7(1)

POWER SOLD
FOR THE PERIOD OF:
APRIL 1994 - SEPTEMBER 1994

(1) SOLD TO	(2) TYPE & SCHEDULE	(3) TOTAL KWH SOLD (000)	(4) KWH WHEELED FROM OTHER SYSTEMS (000)	(5) KWH FROM OWN GENERATION (000)	(6) FUEL COST C/KWH	(7) TOTAL COST C/KWH	(8) FUEL ADJ. TOTAL $
ESTIMATED		190,000	0	190,000	1.598	1.905	3,036,200
ACTUAL:							
FLORIDA MUNICIPAL POWER AUTH.	ECONOMY-C	15,592	0	15,592	1.529	1.824	238,353
FLORIDA POWER & LIGHT	ECONOMY-C	85,380	0	85,380	1.555	1.728	1,332,682
FORT PIERCE	ECONOMY-C	1,015	0	1,015	1.439	1.930	14,908
VERO BEACH	ECONOMY-C	502	0	502	1.428	1.981	7,161
LAKE WORTH	ECONOMY-C	0	0	0	0.000	0.000	0
NEW SMYRNA BEACH	ECONOMY-C	3	0	3	2.400	3.700	72
HOMESTEAD	ECONOMY-C	244	0	244	1.483	2.163	3,643
JACKSONVILLE ELECT. AUTH.	ECONOMY-C	271	0	271	1.637	1.945	4,435
TAMPA ELECTRIC	ECONOMY-C	3,041	0	3,041	1.848	2.840	56,199
ORLANDO UTILITIES COMM.	ECONOMY-C	24,239	0	24,239	1.550	1.848	373,703
TALLAHASSEE	ECONOMY-C	4,914	0	4,914	1.298	1.898	63,763
GAINESVILLE	ECONOMY-C	12,339	0	12,339	1.545	1.963	190,577
REEDY CREEK	ECONOMY-C	79	0	79	1.488	2.488	1,174
SEPA	ECONOMY-C	2,742	0	2,742	3.361	3.897	97,841
KISSIMMEE	ECONOMY-C	18,579	0	18,579	1.617	2.088	300,489
ST. CLOUD	ECONOMY-C	4,990	0	4,990	1.838	2.315	91,940
STARKE	ECONOMY-C	51	0	51	1.484	3.027	757
KEY WEST	ECONOMY-C	391	0	391	1.488	2.353	9,818
SEMINOLE	ECONOMY-C	533	0	533	1.716	2.183	9,148
LAKELAND	ECONOMY-C	154	0	154	1.848	1.931	2,368
OGLETHORPE	ECONOMY-C	6,555	0	6,555	1.617	2.063	118,994
SEMINOLE	LOAD FOLLOWING	6,010	0	6,010	1.810	1.810	114,808
SEMINOLE	BACKUP-G	0	0	0	0.000	0.000	0
TAMPA ELECTRIC	EMERGENCY-A	833	0	833	5.833	10.041	40,428
GAINESVILLE	EMERGENCY-A	65	0	65	5.792	10.861	4,847
FLORIDA POWER & LIGHT	EMERGENCY-A	0	0	0	0.000	0.000	0
ORLANDO UTILITIES COMM.	EMERGENCY-A	492	0	492	4.321	6.148	21,259
TALLAHASSEE	EMERGENCY-A	0	0	0	0.000	0.000	0
SEMINOLE	EMERGENCY-A	0	0	0	0.000	0.000	0
LAKELAND	EMERGENCY-A	0	0	0	0.000	0.000	0
FLORIDA POWER & LIGHT	SCHEDULED-B	0	0	0	0.000	0.000	0
LAKELAND	SCHEDULED-B	0	0	0	0.000	0.000	0
SEMINOLE	SCHEDULED-B	0	0	0	0.000	0.000	0
REEDY CREEK	SCHEDULED-B	0	0	0	0.000	0.000	0
FORT PIERCE	ASSURED-F	0	0	0	0.000	0.000	1,700
VERO BEACH	ASSURED-F	0	0	0	0.000	0.000	0
HOMESTEAD	ASSURED-F	0	0	0	0.000	0.000	0
NEW SMYRNA BEACH	RESERVE-H	2	0	2	8.700	17.500	174
SEMINOLE	RESERVE-H	4	0	4	28.750	56.800	1,150
ST. CLOUD	REGULATION-I	0	0	0	0.000	0.000	0
NEW SMYRNA BEACH	REGULATION-I	0	0	0	0.000	0.000	0
REEDY CREEK	REGULATION-I	0	0	0	0.000	0.000	0
ADJUSTMENTS							
SEMINOLE	LOAD FOLLOWING	0	0	0	0.000	0.000	0
ORLANDO UTILITIES COMM.	ECONOMY-C	0	0	0	0.000	0.000	2,741
TAMPA ELECTRIC	SCHEDULE C	0	0	0	0.000	0.000	(25,960)
LAKELAND	EMERGENCY-A	0	0	0	0.000	0.000	0
CUMULATIVE TOTAL		189,310	0	189,310	1.624	1.931	3,075,067
DIFFERENCE		(690)	0	(690)	0.026	0.026	38,867
DIFFERENCE %		(0.4)	0.0	(0.4)	1.6	1.4	1.3

FLORIDA POWER CORPORATION
SCHEDULE A7e(1)

ECONOMY ENERGY SALES
FOR THE PERIOD OF:
APRIL 1994 - SEPTEMBER 1994

(1) SOLD TO	(2) TYPE & SCHEDULE	(3) TOTAL KWH SOLD (000)	(4) FUEL COST $	(5) TOTAL COST $	(6) FUEL COST C/KWH	(7) TOTAL COST C/KWH	(8) 80% GAIN ON ECONOMY ENERGY SALES $
ESTIMATED		180,000	3,039,000	3,620,000	1.688	1.905	400,000
ACTUAL:							
FLORIDA MUNICIPAL POWER AUTH.	ECONOMY-C	15,592	238,383	284,408	1.529	1.824	36,464
FLORIDA POWER & LIGHT	ECONOMY-C	85,680	1,332,882	1,480,869	1.555	1.728	118,550
FORT PIERCE	ECONOMY-C	1,019	14,808	19,569	1.439	1.930	3,985
VERO BEACH	ECONOMY-C	502	7,161	9,842	1.426	1.961	2,145
LAKE WORTH	ECONOMY-C	0	0	0	0.000	0.000	0
NEW SMYRNA BEACH	ECONOMY-C	3	72	111	2.400	3.700	31
HOMESTEAD	ECONOMY-C	244	3,843	5,327	1.483	2.183	1,347
JACKSONVILLE ELECT. AUTH.	ECONOMY-C	271	4,435	5,271	1.637	1.945	869
TAMPA ELECTRIC	ECONOMY-C	3,041	58,199	68,387	1.848	2.840	21,137
ORLANDO UTILITIES COMM.	ECONOMY-C	24,230	378,193	447,837	1.550	1.848	57,707
TALLAHASSEE	ECONOMY-C	4,914	[illegible]	63,462	1.298	1.898	15,758
GAINESVILLE	ECONOMY-C	12,339	190,877	262,189	1.545	1.963	61,274
REEDY CREEK	ECONOMY-C	79	1,174	1,902	1.486	2.406	682
SEPA	ECONOMY-C	2,742	97,841	100,846	3.561	3.667	7,384
KISSIMMEE	ECONOMY-C	16,579	300,488	307,901	1.817	2.066	39,619
ST. CLOUD	ECONOMY-C	4,960	81,348	114,823	1.638	2.315	26,812
STARKE	ECONOMY-C	51	783	1,544	1.494	3.027	630
KEY WEST	ECONOMY-C	301	5,019	8,202	1.681	2.38[illegible]	2,767
SEMINOLE	ECONOMY-C	533	9,143	11,514	1.716	2.161	1,969
LAKELAND	ECONOMY-C	154	2,398	2,774	1.564	1.801	362
OGLETHORPE	ECONOMY-C	6,555	119,064	134,569	1.817	2.053	12,367
ADJUSTMENTS:							
REEDY CREEK	ECONOMY - C	0	0	0	8.732	10.000	0
CUMULATIVE TOTAL		181,884	2,904,848	3,436,056	1.597	1.889	424,890
DIFFERENCE		(6,116)	(131,054)	(183,942)	(0.001)	(0.016)	(41,750)
DIFFERENCE %		(4.3)	(4.3)	(5.1)	(0.1)	(0.8)	(9.8)

FLORIDA POWER CORPORATION
SCHEDULE A7b(1)

GAIN ON OTHER POWER SALES
FOR THE PERIOD OF:
APRIL 1994 - SEPTEMBER 1994

(1) SOLD TO	(2) TYPE & SCHEDULE	(3) TOTAL KWH SOLD (000)	(4) KWH WHEELED FROM OTHER SYSTEMS (000)	(5) KWH FROM OWN GENERATION (000)	(6) NONFUEL COST C/KWH	(7) REFUND FACTOR	(8) NONFUEL AMOUNT FOR FUEL ADJ $
ESTIMATED		0	0	0	0.000	1.000	0
ACTUAL:							
SEMINOLE	LOAD FOLLOWING	3,357	0	3,357	0.000	1.000	13,312
SEMINOLE	BACKUP-G	0	0	0	0.000	1.000	0
TAMPA ELECTRIC	EMERGENCY-A	0	0	0	0.000	1.000	34,219
SOUTHERN	EMERGENCY-A	0	0	0	0.000	1.000	0
FLORIDA POWER & LIGHT	EMERGENCY-A	0	0	0	0.000	1.000	0
ORLANDO UTILITIES COMM.	EMERGENCY-A	492	0	492	0.000	1.000	6,881
GAINESVILLE	EMERGENCY-A	0	0	0	0.000	1.000	4,481
TALLAHASSEE	EMERGENCY-A	0	0	0	0.000	1.000	0
SEMINOLE	EMERGENCY-A	0	0	0	0.000	1.000	0
LAKELAND	EMERGENCY-A	0	0	0	0.000	1.000	0
REEDY CREEK	SCHEDULED-B	0	0	0	0.000	1.000	0
FLORIDA POWER & LIGHT	SCHEDULED-B	0	0	0	0.000	1.000	0
LAKELAND	SCHEDULED-B	0	0	0	0.000	1.000	0
SEMINOLE	SCHEDULED-B	0	0	0	0.000	1.000	0
ST CLOUD	FIRM-D	0	0	0	0.000	1.000	0
FORT PIERCE	ASSURED-F	0	0	0	0.000	1.000	0
SEBRING	ASSURED-F	0	0	0	0.000	1.000	0
VERO BEACH	ASSURED-F	0	0	0	0.000	1.000	0
HOMESTEAD	ASSURED-F	0	0	0	0.000	1.000	0
NEW SMYRNA BEACH	RESERVE-H	0	0	0	0.000	1.000	350
SEMINOLE	RESERVE-H	0	0	0	0.000	1.000	0
ST. CLOUD	REGULATION-I	0	0	0	0.000	1.000	25,034
NEW SMYRNA BEACH	REGULATION-I	0	0	0	0.000	1.000	31,729
REEDY CREEK	REGULATION-I	0	0	0	0.000	1.000	83,836
ADJUSTMENTS							
VARIOUS	VARIOUS						
ST. CLOUD	REGULATION-I	0	0	0	0.000	1.000	0
NEW SMYRNA BEACH	REGULATION-I	0	0	0	0.000	1.000	0
REEDY CREEK	REGULATION-I	0	0	0	0.000	1.000	0
CUMULATIVE TOTAL		3,849	0.0	3,849	0.000	1.000	211,723
DIFFERENCE		3,849	0	3,849	0.000	0.000	211,723
DIFFERENCE %		0.0	0.0	0.0	0.0	0.0	0.0

FLORIDA POWER CORPORATION
SCHEDULE A8(1)

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE PERIOD OF:
APRIL 1994 - SEPTEMBER 1994

(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		246,707			246,707	1.587	1.996	4,925,130
ACTUAL								
SEBRING	FIRM	0			0	0.000	0.000	0
GLADES	FIRM	74			74	6.168	7.119	5,268
TAMPA ELECTRIC	FIRM	56,104			56,104	2.976	2.976	1,669,554
SOUTHERN - UPS	FIRM	195,277			195,277	2.046	2.046	3,995,377
SOUTHERN -UPS	FIRM-SCH R	266,936			266,936	2.109	2.109	5,630,834
GAINESVILLE	EMERGENCY-A	0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
ADJUSTMENTS								
FLORIDA POWER & LIGHT	EMERGENCY-A	0			0	0.000	0.000	0
FLORIDA POWER & LIGHT	SCHEDULED-B	0			0	0.000	0.000	0
ORLANDO	EMERGENCY-A	0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
		0			0	0.000	0.000	0
CUMULATIVE		518,391			518,391	2.180	2.180	11,300,833
DIFFERENCE		271,684			271,684	0.593	0.184	6,375,703
DIFFERENCE %		110.1			110.1	37.4	9.2	129.5

FLORIDA POWER CORPORATION
SCHEDULE A8A(1)

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE PERIOD OF:
APRIL 94 - SEPTEMBER 94

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ $
ESTIMATED		2,364,286	0	0	2,364,286	2.254	2.264	53,527,490
ACTUAL								
OCCIDENTAL CHEMICAL	CO-GEN	7,716	0	0	7,716	2.581	2.793	215,480
NRG/RECOVERY GROUP	CO-GEN	41,397	0	0	41,397	2.635	2.821	1,167,897
U.S. AGRI-CHEM	CO-GEN	16,561	0	0	16,561	2.463	2.629	435,326
RIDGEWOOD CHEMICAL	CO-GEN	2,295	0	0	2,295	2.532	2.702	62,018
PINELLAS COUNTY	CO-GEN	167,167	0	0	167,167	2.476	2.476	4,139,154
ST. JOE PAPER	CO-GEN	4,909	0	0	4,909	2.442	2.643	129,749
LFC POWER SYSTEMS	CO-GEN	78	0	0	78	2.678	2.846	2,220
BAY COUNTY	CO-GEN	40,836	0	0	40,836	1.403	2.724	1,112,362
TIMBER ENERGY	CO-GEN	45,834	0	0	45,834	1.917	2.052	940,494
PASCO COUNTY	CO-GEN	91,800	0	0	91,800	2.652	2.839	2,605,980
SEMINOLE FERTILIZER	CO-GEN	42,508	0	0	42,508	1.719	1.860	790483
DADE COUNTY	CO-GEN	147,870	0	0	147,870	1.192	2.315	3,422,967
FLORIDA CRUSHED STONE	CO-GEN	7,865	0	0	7,865	1.852	3.597	282,900
CITRUS WORLD	CO-GEN	0	0	0	0	0.000	0.000	0
LAKE COGEN LIMITED	CO-GEN	412,550	0	0	412,550	1.247	2.422	9,993,747
PASCO COGEN LIMITED	CO-GEN	430,941	0	0	430,941	1.233	2.395	10,322,439
ORLANDO COGEN	CO-GEN	339,297	0	0	339,297	1.236	2.404	8,156,547
RIDGE GENERATING	CO-GEN	87,824	0	0	87,824	1.247	2.421	2,126,314
MULBERRY ENERGY	CO-GEN	75,752	0	0	75,752	1.179	2.290	1,734,845
AUBURNDALE (ELDORADO)	CO-GEN	295,359	0	0	295,359	1.370	2.660	7,856,264
TIGER BAY	CO-GEN	62,494	0	0	62,494	1.002	1.946	1,216,022
CUMULATIVE TOTAL		2,321,053	0	0	2,321,053	2.443	2.443	56,713,208
DIFFERENCE		(43,233)	0	0	(43,233)	0.179	0.179	3,185,718
DIFFERENCE %		(1.8)	0.0	0.0	(1.8)	7.9	7.9	6.9

FLORIDA POWER CORPORATION
SCHEDULE A9(1)

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE PERIOD OF:
APRIL 1994 - SEPTEMBER 1994

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) ENERGY COST C/KWH	(5) TOTAL AMOUNT FOR FUEL ADJ $	(6) COST IF GENERATED C/KWH	(7) COST IF GENERATED $	(8) FUEL SAVINGS $
ESTIMATED		949,400	2.045	19,414,800	2.856	27,116,168	7,701,368
ACTUAL							
SOUTHERN SERVICES INC	ECONOMY-C	4,750	2.806	133,275	3.012	143,049	9,774
FLORIDA POWER & LIGHT	ECONOMY-C	196,751	3.292	6,476,481	4.147	8,158,792	1,682,311
FORT PIERCE	ECONOMY-C	336	3.704	12,445	4.712	15,832	3,387
VERO BEACH	ECONOMY-C	896	3.279	29,384	4.262	38,189	8,805
LAKE WORTH	ECONOMY-C	178	3.257	5,798	4.163	7,410	1,612
DUKE POWER	ECONOMY-C	0	0.000	0	0.000	0	0
HOMESTEAD	ECONOMY-C	131	3.918	5,133	4.679	6,130	997
JACKSONVILLE ELECT AUTH	ECONOMY-C	48,797	3.394	1,655,984	4.456	2,174,188	518,204
TAMPA ELECTRIC	ECONOMY-C	157,196	2.626	4,127,833	3.506	5,511,323	1,383,490
ORLANDO UTILITIES COMM	ECONOMY-C	26,387	3.768	994,134	4.474	1,180,557	186,423
TALLAHASSEE	ECONOMY-C	41,449	3.151	1,306,246	3.800	1,575,033	268,787
GAINESVILLE	ECONOMY-C	16,634	3.037	505,225	3.955	657,983	152,858
NEW SMYRNA BEACH	ECONOMY-C	0	0.000	0	0.000	0	0
CAJUN ELECTRIC	ECONOMY-C	0	0.000	0	0.000	0	0
KISSIMMEE	ECONOMY-C	0	0.000	0	0.000	0	0
SEMINOLE	ECONOMY-C	35,801	2.562	917,105	3.359	1,202,450	285,345
LAKELAND	ECONOMY-C	56	4.000	2,240	4.498	2,519	279
ENTERGY SERVICES	ECONOMY-C	0	0.000	0	0.000	0	0
KEY WEST	ECONOMY-C	0	0.000	0	0.000	0	0
OGLETHORPE	ECONOMY-C	214,431	2.123	4,551,379	2.123	4,551,379	0
REEDY CREEK	ECONOMY-C	55	3.280	1,804	3.293	1,811	7
SUB TOTAL ENERGY PURCHASES - BROKER		743,848	2.786	20,724,468	3.391	25,226,545	4,502,079
SOUTHEASTERN POWER ADMIN	HYDRO	13,604	1.111	151,183	1.683	228,923	84,210
SEMINOLE	LOAD FOLLOWING	4,492	1.811	81,358	2.000	89,862	8,504
SOUTHERN	LONG TERM-E	196,375	2.311	4,537,396	2.425	4,762,421	225,025
SOUTHERN	ASSURED-F	0	0.000	0	0.000	0	0
TALLAHASSEE	ASSURED-F	22,086	3.291	726,766	3.695	816,163	89,397
TAMPA ELECTRIC	NEGOTIATED-J	0	0.000	0	0.000	0	0
SUB TOTAL ENERGY PURCHASES - NON BROKER		236,557	2.324	5,496,703	2.493	5,897,369	407,136
ADJUSTMENTS							
FPL		0		0	0.000	0	0
VARIOUS		0		0	0.000	0	0
SEPA		0		(18,654)	0.000	(18,654)	0
CUMULATIVE TOTAL		980,405	2.673	26,202,515	3.173	31,105,260	4,909,215
DIFFERENCE		31,005	0.628	6,787,715	0.317	3,989,092	(2,792,154)
DIFFERENCE %		3.3	30.7	35.0	11.1	14.7	(36.3)

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FLORIDA POWER CORPORATION
SCHEDULE A11

RESIDENTIAL BILL COMPARISON
FOR THE MONTHLY USAGE OF 1000 KWH

	APRIL 1994	MAY 1994	JUNE 1994	JULY 1994	AUGUST 1994	SEPTEMBER 1994	AVERAGE
ESTIMATED							
BASE RATE REVENUES $	49.05	49.05	49.05	49.05	49.05	49.05	49.05
FUEL RECOVERY FACTOR (C/KWH)	1.899	2.338	1.991	1.940	1.981	1.745	1.988
GROUP LOSS MULTIPLIER	1.0038	1.0038	1.0038	1.0038	1.0038	1.0038	1.0038
FUEL RECOVERY REVENUES $	19.06	23.47	19.99	19.47	19.89	17.52	19.75
TOTAL REVENUES $	68.11	72.52	69.04	68.52	68.94	68.57	68.80
ACTUAL							
BASE RATE REVENUES $	49.05	49.05	49.05	49.05	49.05	49.05	49.05
FUEL RECOVERY FACTOR (C/KWH)	2.254	2.672	2.292	2.063	2.081	1.608	2.141
GROUP LOSS MULTIPLIER	1.0038	1.0038	1.0038	1.0038	1.0038	1.0038	1.0038
FUEL RECOVERY REVENUES $	22.63	26.82	23.01	20.71	20.89	16.14	21.49
TOTAL REVENUES $	71.68	75.87	72.06	69.76	69.94	65.19	70.54
DIFFERENCE							
BASE RATE REVENUES $	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL RECOVERY REVENUES $	3.57	3.35	3.02	1.24	1.00	(1.38)	1.74
TOTAL REVENUES $	3.57	3.35	3.02	1.24	1.00	(1.38)	1.74
DIFFERENCE %							
BASE RATE REVENUES %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FUEL RECOVERY REVENUES %	18.7	14.3	15.1	8.4	5.0	(7.9)	8.8
TOTAL REVENUES %	5.2	4.6	4.4	1.8	1.5	(2.1)	2.5

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APR - SEP, 1994
KWH SALES AND CUSTOMER DATA
FLORIDA POWER CORPORATION

SCHEDULE A-12 (2)

		ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
	KWH SALES				
1	RESIDENTIAL	7,534,873,317	7,494,644,000	40,229,317	0.5
2	COMMERCIAL	4,460,955,208	4,478,776,000	-17,820,792	-0.4
3	INDUSTRIAL	1,862,735,975	1,747,381,000	115,354,975	6.6
4	STREET & HIGHWAY LIGHTING	13,186,455	13,775,000	-588,545	-4.3
5	OTHER SALES TO PUBLIC AUTHOR.	1,029,039,712	970,724,000	58,314,712	6.0
6	INTERDEPARTMENT SALES	0	0	0	0.0
7	TOTAL JURISDICTIONAL SALES	14,900,789,667	14,705,300,000	195,489,667	1.3
8	SALES FOR RESALE	1,017,707,088	801,758,000	215,949,088	26.9
9	TOTAL SALES	15,918,496,755	15,507,058,000	411,438,755	2.7
	NUMBER OF CUSTOMERS				
10	RESIDENTIAL	1,090,240	1,105,641	-15,401	-1.4
11	COMMERCIAL	122,963	125,002	-2,039	-1.6
12	INDUSTRIAL	3,201	3,264	-63	-1.9
13	STREET & HIGHWAY LIGHTING	2,432	2,606	-174	-6.7
14	OTHER SALES TO PUBLIC AUTHOR.	14,734	10,947	3,787	34.6
15	INTERDEPARTMENT SALES	0	0	0	0.0
16	TOTAL JURISDICTIONAL SALES	1,233,569	1,247,460	-13,891	-1.1
17	SALES FOR RESALE	16	16	0	0.0
18	TOTAL SALES	1,233,585	1,247,476	-13,891	-1.1
	KWH USE PER CUSTOMER				
19	RESIDENTIAL	6,911	6,779	132	1.9
20	COMMERCIAL	36,279	35,830	449	1.3
21	INDUSTRIAL	581,923	535,350	46,573	8.7
22	STREET & HIGHWAY LIGHTING	5,422	5,286	136	2.6
23	OTHER SALES TO PUBLIC AUTHOR.	69,841	88,675	-18,834	-21.2
24	INTERDEPARTMENTAL SALES	0	0	0	0.0
25	TOTAL JURISDICTIONAL SALES	12,079	11,788	291	2.5
26	SALES FOR RESALE	63,606,693	50,109,875	13,496,818	26.9
27	TOTAL SALES	12,904	12,431	473	3.8