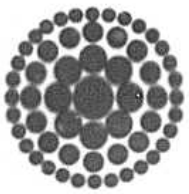

Florida Power
CORPORATION

JAMES A. McGEE
SENIOR COUNSEL

January 10, 1996

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 Karl H. Wieland. 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 document in WordPerfect format. Thank you for your assistance in this matter.

ACK ____
AFA 2
AFP ____
CAF ____
CMU ____
CTR ____
EAG ____
LEG 1
LIN 3+cg
OPC ____
RCH ____
SEC 1
WAS ____
OTH ____

Very truly yours,

James A. McGee

JAM/kp
Enclosure
cc: Parties of record

Wieland
DOCUMENT NUMBER-DATE
00402 JAN 15
FPSC-RECORDS/REPORTING

Zuloaga
DOCUMENT NUMBER-DATE
00401 JAN 15
FPSC-RECORDS/REPORTING

GENERAL OFFICE
3201 Thirty-fourth Street South • Post Office Box 14042 • St. Petersburg, Florida 33733-4042 • (813) 866-5184 • Fax: (813) 866-4931
A Florida Progress Company

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 Karl H. Wieland has been sent by regular U.S. mail to the following individuals this 10th day of January, 1997:

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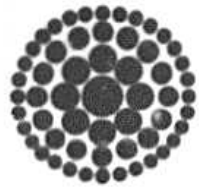

Florida
Power
CORPORATION

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 970001-EI

LEVELIZED FUEL COST FACTORS
APRIL THROUGH SEPTEMBER 1997

DIRECT TESTIMONY
AND EXHIBITS OF

KARL H. WIELAND

For Filing January 13, 1997

FLORIDA POWER CORPORATION
DOCKET NO. 970001-EI

Levelized Fuel and Capacity Cost Factors
April through September 1997

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 Post Office 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 duties and 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 present for Commission approval the Company's levelized fuel and capacity cost factors for the period of April through September 1997.

Q. Do you have an exhibit to your testimony?

A. Yes. I have prepared an exhibit attached to my prepared testimony consisting of Parts A through E and the Commission's minimum filing requirements for these proceedings, Schedules E1 through E10 and H1, which contain the Company's levelized fuel cost factors and the supporting data. Parts A through C contain the assumptions which support the Company's cost projections, Part D contains the Company's capacity cost recovery factors and supporting data. Part E contains a calculation of costs the Company proposes to recover during the period for the conversion of four additional combustion turbines to natural gas firing.

FUEL COST RECOVERY

Q. Please describe the levelized fuel cost factors calculated by the Company for the upcoming projection period.

A. Schedule E1, page 1 of the "E" Schedules in my exhibit, shows the calculation of the Company's basic fuel cost factor of 2.385 ¢/kWh (before line loss adjustment). The basic factor consists of a fuel cost for the projection period of 2.0584 ¢/kWh (adjusted for jurisdictional losses), a GPIF reward of .00256 ¢/kWh, and an estimated true-up charge of 0.3225 ¢/kWh.

Utilizing this basic factor, Schedule E1-D shows the calculation and supporting data for the Company's levelized fuel cost factors for secondary, primary, and transmission metering tariffs. To accomplish this calculation, effective jurisdictional sales at the secondary level are

calculated by applying 1% and 2% metering reduction factors to primary and transmission sales (forecasted at meter level). This is consistent with the methodology being used in the development of the capacity cost recovery factors.

Schedule E1-E develops the TOU factors 1.294 On-peak and 0.840 Off-peak. The levelized fuel cost factors (by metering voltage) are then multiplied by the TOU factors, which results in the final fuel factors to be applied to customer bills during the projection period. The final fuel cost factor for residential service is 2.390 ¢/kWh.

Q. What is included in Schedule E1, line 4, "Adjustments to Fuel Cost"?

A. Line 4 shows the recovery of the costs associated with conversion of four combustion turbine units to burn natural gas instead of distillate oil. Recovery of the conversion of Intercession City units 7 through 10 has already been approved by this Commission. In this filing the Company is requesting approval to add the conversion costs of four additional units located at DeBary, Bartow, and Suwannee beginning in May, 1997.

Q. What is included in Schedule E1, line 6, "Energy Cost of Purchased Power"?

A. Line 6 includes energy costs for the purchase of 50 MWs from Tampa Electric Company and the purchase of 405 MWs under a Unit Power Sales (UPS) agreement with the Southern Company. Beginning January

1997, the SERC ratings of the units supporting this purchase will be revised to 405 MW. The capacity payments associated with the UPS contract are based on the original contract of 400 MW. The additional 5 MW are the result of revised SERC ratings for the five units invcived in the unit power purchase, providing a benefit to Florida Power Corporation in the form of reduced costs per kW. Both of these contracts have been in place and have been approved for cost recovery by the Commission. Capacity costs for these purchases are included in the capacity cost recovery factor.

Q. What is included in Schedule E1, line 8, "Energy Cost of Economy Purchases (Non-Broker)"?

A. Line 8 includes energy costs for purchases from Seminole Electric Cooperative (SECI) for load following, off-peak hydroelectric purchases from the Southeast Electric Power Agency (SEPA), and miscellaneous economy purchases from within or outside the state which are not made through the Florida Broker System. The SECI contract is an ongoing contract under which the Company purchases energy from SECI at 95% of its avoided fuel cost. Purchases from SEPA are on an as-available basis. There are no capacity payments associated with either of these purchases. Other purchases, such as a new 20 MW economy purchase from the Orlando Utilities Commission (reported on Schedule E9), may have non-fuel charges, but since such purchases are made only if the total cost of the purchase is lower than the Company's cost to generate the energy, it is appropriate to recover the associated

non-fuel costs through the fuel adjustment clause rather than the capacity cost recovery factor. Such non-fuel charges are reported on line 10.

Q. Please explain the entry on Schedule E1, line 17, "Fuel Cost of Stratified Sales."

A. The Company has a wholesale contract with Seminole for the sale of supplemental energy to supply the portion of their load in excess of 703 MW. The fuel costs charged to Seminole for these supplemental sales are calculated on a "stratified" basis, in a manner which recovers the higher cost of intermediate/peaking generation used to provide the energy. The Company also has wholesale contracts with the municipal utilities of Kissimmee and St. Cloud and with Georgia Power Company under which fuel costs are charged in a similar manner. The fuel costs of wholesale sales are normally included in the total cost of fuel and net power transactions used to calculate the average system cost per kWh for fuel adjustment purposes. However, since the fuel costs of the Stratified sales are not recovered on an average cost basis, an adjustment has been made to remove these costs and the related kWh sales from the fuel adjustment calculation in the same manner that interchange sales are removed from the calculation. This adjustment is necessary to avoid an over-recovery by the Company which would result from the treatment of these fuel costs on an average cost basis in this proceeding, while actually recovering the costs from these

customers on a higher, stratified cost basis. The development of this adjustment is shown on Schedule E6.

Q. How was the estimated true-up shown on line 28 of Schedule E1 developed?

A. The total true-up amount was determined in two parts. First, a period-to-date actual under-recovery of $85,560,424 through December 1996 was obtained from the Company's Operating Report. This balance was projected to the end of March 1997, including interest estimated at the December ending rate of 0.475% per month. Second, the total estimated under-recovery of $89,971,099 for the current period was combined with the prior period (April through September 1996) under-recovery of $59,049,902 and $46,846,686 being collected during the current period for a total under-recovery of $102,174,315 at the end of March 1997. This under-recovery will be collected over a 12 month period beginning in April 1997. A rate of .32254¢/kWh was calculated by dividing the projected under-recovery ($102,174,315) by projected April 1997 - March 1998 jurisdictional sales (31,677,606 Mwh's). This rate was then multiplied times the current period projected jurisdictional sales (16,831,485 Mwh's) to determine the true-up amount to be collected in the current period ($54,288,997). This results in an estimated true-up charge on line 28 of Schedule E1 of 0.3225 ¢/kWh for application in the April through September 1997 projection period. The development of the estimated true-up amount for the current April through September 1997 period is shown on Schedule E1-B, Sheet 1.

Q. What are the primary reasons for the projected March 1997 under-recovery of $102.2 million?

A. The $12.2 million actual under-recovery for the period ending September 1996 being rolled forward into the current period, the outage of the Crystal River nuclear unit throughout the current period, higher than expected oil prices, and settlement payments for Lake and Pasco cogeneration facilities were the primary factors contributing to the $102.2 million under-recovery in March.

Q. Please explain the procedure for forecasting the unit cost of nuclear fuel.

A. The cost per million BTU of the nuclear fuel which will be in the reactor during the projection period (primarily Cycle 11, following the refueling outage) was developed from the projected cost of fuel added during the current period's refueling outage and the unamortized investment cost of the fuel remaining in the reactor from the prior cycle (Cycle 10). Cycle 11 consists of several "batches," of fuel assemblies which are separately accounted for throughout their life in several fuel cycles. The cost for each batch is determined from the actual cost incurred by the Company, which is audited and reviewed by the Commission's field auditors. The expected available energy from each batch over its life is developed from an evaluation of various fuel management schemes and estimated fuel cycle lengths. From this information, a cost per unit of energy (cents per million BTU) is calculated for each batch. However, since the rate of energy consumption is not uniform among

the individual fuel assemblies and batches within the reactor core, an estimate of consumption within each batch must be made to properly weigh the batch unit costs in calculating a composite unit cost for the overall fuel cycle.

Q. How was the rate of energy consumption for each batch within Cycle 11 estimated for the upcoming projection period?

A. The consumption rate of each batch has been estimated by utilizing a core physics computer program which simulates reactor operations over the projection period. When this consumption pattern is applied to the individual batch costs, the resultant composite Cycle 11 is $0.327 per million BTU.

Q. Would you give a brief overview of the procedure used in developing the projected fuel cost data from which the Company's basic fuel cost recovery factor was calculated?

A. Yes. The process begins with the fuel price forecast and the system sales forecast. These forecasts are input into PROMOD, along with purchased power information, generating unit operating characteristics, maintenance schedules, and other pertinent data. PROMOD then computes system fuel consumption, replacement fuel costs, and energy purchases and costs. This data is input into a fuel inventory model, which calculates average inventory fuel costs. This information is the basis for the calculation of the Company's levelized fuel cost factors and supporting schedules.

Q. What is the source of the system sales forecast?

A. The system sales forecast is made by the Forecasting section of the Business Planning Department using the most recently available data. The forecast used for this projection period was prepared in June 1996.

Q. Is the methodology used to produce the sales forecast for this projection period the same as previously used by the Company in these proceedings?

A. The methodology employed to produce the forecast for the projection period is the same as used in the Company's most recent filings, and was developed with an econometric forecasting model. The forecast assumptions are shown in Part A of my exhibit.

Q. What is the source of the Company's fuel price forecast?

A. The fuel price forecast was made by the Fuel and Special Projects Department based on forecast assumptions for residual oil, #2 fuel oil, natural gas, and coal. The assumptions for the projection period are shown in Part B of my exhibit. The forecasted prices for each fuel type are shown in Part C.

Q. Please explain the basis for requesting recovery of the cost of converting combustion turbine units at Debary, Bartow and Suwannee to burn natural gas.

A. In Docket No. 850001-EI-B, Order No. 14546 issued on July, 1985, the Commission addressed charges appropriate for recovery through the fuel clause:

> "Fossil fuel-related costs normally recovered through base rates but which were not recognized or anticipated in the cost levels used to determine current base rates and which, if expended, will result in fuel savings to customers. Recovery of such costs should be made on a case by case basis after Commission approval."

Since August of 1995, the Company has converted Intercession City units 7-10 to burn natural gas. The Commission authorized the Company to recover the conversion cost, including a return on investment, over a five-year period in Order No. PSC-95-1089-FOF-EI dated September 5, 1995. The Company is asking the Commission for the same treatment for four additional units. The conversion cost for the four units is $7.5 million. This cost was not part of the cost of the units when they were included in rate base as part of the 1993 test year.

Q. How is FPC proposing to recover the conversion cost?

A. The Company proposes to amortize the $7.5 million conversion cost over a five year period beginning with the plant in-service date of May, 1997. The projected cost during the April 1997 through September 1997 period is $875,968 which consists of an amortization charge of $562,500 and a return (including income

taxes) of $313,468 based on the Company's current cost of capital of 8.37%. The fuel savings for the same period are expected to be $1,791,000 resulting in a net benefit to customers of $915,032. For comparison purposes, actual fuel savings produced by the conversion of Intercession City units 7 - 10 from August 1995 through November 1996 are in excess of $3.9 million.

A monthly schedule of amortization expenses and projected fuel savings is attached as Part E of my testimony.

Q. Why is the Company proposing a five-year amortization period rather than expensing the conversion cost or depreciating it over the life of the units?

A. The Company chose five years in order to align recovery of cost with anticipated benefits. The Company is relying on the availability of interruptible gas transportation for the delivery of gas to the site because firm (take or pay) contracts are not economical for a low capacity factor peaking site. Discussions with Florida Gas Transmission (FGT) and a private consultant's report indicate that they expect interruptible gas to be available in sufficient quantity to power the two units at the site for the next five years. The Company hopes that some gas will be available beyond that time which will yield additional savings, but we believe it more appropriate to recover costs during the time when the majority of benefits are expected to occur. Amortizing the conversion over the life of the units could

burden future customers with costs that do not have corresponding benefits.

Q. What is the Company proposing to do if expected fuel savings are not achieved?

A. The Company is willing to assume the risk for achieving fuel savings. If fuel savings during any annual period are less than the amortization and return costs, we will limit cost recovery to fuel savings and defer recovery of the difference to future periods. In no case will the Company collect an amount greater than the fuel savings, making this a no-lose proposition for customers.

CAPACITY COST RECOVERY

Q. How was the Capacity Cost Recovery factor developed?

A. The calculation of the capacity cost recovery factor (CCRF) is shown in Part D of my exhibit. The factor allocates capacity costs to rate classes in the same manner that they would be allocated if they were recovered in base rates. A brief explanation of the schedules in the exhibit follows.

Sheet 1: Projected Capacity Payments. This schedule contains system capacity payments for UPS, TECO and QF purchases. The retail portion of the capacity payments are calculated using separation factors from the Company's most recent Jurisdictional Separation Study.

Sheet 2: Estimated/Actual True-Up. This schedule presents the actual ending true-up balance after two months of the current period and re-forecasts the over/(under) recovery balances for the next four months to obtain an ending balance for the current period. This estimated/actual balance of ($4,776,510) is then carried forward to Sheet 1, to be collected during the April through September 1997 period.

Sheet 3: Development of Jurisdictional Loss Multipliers: The same delivery efficiencies and loss multipliers presented on Schedule E1-F.

Sheet 4: Calculation of 12 CP and Annual Average Demand. The calculation of average 12 CP and annual average demand is based on 1995 load research data and the delivery efficiencies on Sheet 3.

Sheet 5: Calculation of Capacity Cost Recovery Factors. The total demand allocators in column (7) are computed by adding 12/13 of the 12 CP demand allocators to 1/13 of the annual average demand allocators. The CCRF for each secondary delivery rate class in cents per kWh is the product of total jurisdictional capacity costs (including revenue taxes) from Sheet 1, times the class demand allocation factor, divided by projected effective sales at the secondary level. The CCRF for primary and transmission rate classes reflect the application of metering reduction factors of 1% and 2% from the secondary CCRF.

Q. Please discuss the increase in capacity payments compared to the prior six-month period.

A. The increase in capacity payments from $145.3 million in the October 1996 through March 1997 period to $156.5 million for the April through September 1997 period is due to the contract buy-out for Lake and Pasco Cogeneration facilities and the escalation to the 1997 payment schedule. The total cost of the Lake and Pasco cogeneration settlements (including costs included in the calculation of the fuel factor) which are still subject to approval by the Commission are detailed on Sheet 6. No new contracts begin before September 1997. The decrease in rates, exhibited on Sheet 5 on a cents per kWh basis, is due to the greater amount of kWh sales projected for the summer period as compared to the current period.

Q. Does this conclude your testimony?

A. Yes.

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1997

PART A - SALES FORECAST ASSUMPTIONS

SALES FORECAST ASSUMPTIONS

1. This five-year forecast of customers, sales and peak demand utilizes the short-term load forecasting methodology developed for budgeting and financial planning purposes. This forecast was prepared in June 1996.

2. Normal weather conditions are assumed. Normal weather is based on a ten-year average of service area weighted billing month degree days in order to project Kilowatt-hour sales. A ten-year average of service area weighted temperatures at time of system peak is used to forecast Megawatt peak demand.

3. The population projections produced by the Bureau of Economic and Business Research (BEBR) at the University of Florida provide the basis for development of the customer forecast. This forecast incorporates "Population Studies", Bulletin No. 114 (February 1996) as well as THE FLORIDA OUTLOOK, First Quarter 1996.

4. FPC's most energy intensive customers, its phosphate mining customers, have continued to expand operations inside the service area. Improved market conditions for phosphate rock, both at home and abroad, have firmed market prices and allowed for expansion of operations at new sites. Recent new mine operations in South Ft. Meade and in Ft. Green are boosting energy consumption by this industry to 15-year highs. Industry consolidation in the past few years assures a greater supply and demand

balance in the years ahead. The forecast calls for energy usage to remain at these high levels throughout the forecast horizon.

5. Florida Power Corporation (FPC) supplies load and energy service to wholesale customers on an "full", "partial" and "supplemental" requirements basis. Full requirements customers' demand and energy is assumed to grow at a rate that approximates their historical trend. Partial requirements customers' load is assumed to reflect the current contractual obligations received by FPC as of May 31, 1996. The forecast of energy and demand to the partial requirements customers reflect the nature of the stratified load they have contracted for, plus their ability to receive dispatched energy from the Florida broker system any time it is more economical to do so. FPC's arrangement with Seminole Electric Cooperative, Inc. (SECI) is to serve "supplemental" service over and above 703 MW in 1997 and 1998. SECI's projection of their system's supplemental demand and energy requirements has been incorporated into this forecast.

FPC has bulk power agreements with SECI, Georgia Power Corporation, and Oglethorpe Power Corporation. The Georgia Power contract is to supply 300 MW of summer peak load capacity in 1997. The Oglethorpe Power contract, also a summer sale, is to supply 50 MW in 1997.

6. This forecast includes cost effective amounts of demand and energy reductions from FPC'S dispatchable and nondispatchable DSM programs approved by the Florida Public Service Commission.

7. The expected energy and demand impacts of self-service cogeneration are subtracted from the forecast. The forecast assumes that FPC will supply the supplemental load of self-service cogeneration customers. While FPC offers "standby" service to all cogeneration customers, the forecast does not assume an unplanned need for standby power.

8. The economic outlook for this 5-year forecast calls for continued, moderate economic growth throughout the forecast horizon. No "shocks" to any supply or demand conditions in the national economy are expected and thus no economic recession is incorporated in this forecast. However, growth will be lower than that experienced in 1994 and 1995, reflecting an aging business cycle. Federal government efforts to balance the federal budget will place downward pressure on interest rates as we move through the forecast period. A consolidating Federal government will lighten demand for credit in the marketplace and be less of a consumer in the national economy.

Personal income growth is expected to continue growing but not at the pace experienced in recent years. As interest rates fall, so will the return on interest-bearing accounts and, correspondingly, income levels of Florida retirees. Employment growth will moderate from the strong pace

experienced over the past two years resulting in reduced growth in total wages. Slower growth in hourly earnings as well as transfer payments is also seen as holding down income growth in the years ahead. Export-related job growth is also expected to fair well in the year ahead. The weak dollar and globalization of the world economy will encourage American exports as well as attract higher numbers of foreign tourists to Florida.

Average use per residential customer will continue to grow as electricity prices are projected to decline in real dollar terms. Also contributing to this trend are homebuilders' surveys reporting increased median square footage of new homes and new apartments constructed. New housing preferences have continued to demand larger living quarters than the current housing stock. Increasing electric appliance saturation rates also serves to boost average electric use per customer.

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1997

PART B - FUEL PRICE FORECAST ASSUMPTIONS

FUEL PRICE FORECAST ASSUMPTIONS

A. Residual Oil and Light Oil

The oil price forecast is based on expectations of normal weather and no radical changes in world energy markets (OPEC actions, governmental rule changes, etc.). It does anticipate a gradual return of crude oil exports from Iraq. Prices are based on expected contract structures, specifications, and spot market purchases for 1996 and 1997.

FPC Residual Fuel Oil (#6) and Distillate Fuel Oil (#2) prices were derived from PIRA forecasts and current market information.

Transportation to the Tampa Bay area plus applicable environment taxes were added to the above prices (an adjustment was later made to transportation costs for individual plant locations when purchased from locations other than Tampa Bay).

B. Coal

Coal price projections are provided by Electric Fuels Corporation and represent an estimate of EFC's price to Florida Power for coal delivered to the plant sites in accordance with the delivery schedules projected. The forecast is consistent with the coal supply and transportation agreements which EFC has or expects to have in place during 1997 and estimated spot purchase volumes and prices for the period. It assumes environmental restrictions on coal quality remain in effect as per current plant: 2.1 lbs. per million BTU sulfur dioxide limit for Crystal River Units 1 and 2, and 1.2 lbs. per million BTU sulfur dioxide limit for Crystal River Units 4 and 5.

C. Natural Gas

The natural gas price forecast is based on the expectation of normal weather, no material changes in energy markets, government rule changes, etc. Prices are based on expected contract structures and spot market purchases for 1997. Gas supply prices were derived from PIRA, NYMEX and current spot market information.

Transportation costs for Florida Gas Transmission pipeline firm transportation service is based on expected tariff rates. Interruptible transportation rates and availability on the pipelines are based on expected tariff rates and market conditions.

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1997

PART C - FUEL PRICE FORECAST

Florida Power Corporation
Docket No. 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part C
Sheet 1 of 5

FUEL PRICE FORECAST

#6 Fuel Oil

	1.0%		Steam 1.5%		2.5%	
1997	$/barrel	$/MMBtu's[1]	$/barrel	$/MMBtu's[2]	$/barrel	$/MMBtu[3]
January	20.48	3.20	20.29	3.17	19.84	3.10
February	20.48	3.20	20.29	3.17	19.84	3.10
March	19.20	3.00	19.01	2.97	18.56	2.90
April	18.56	2.90	18.37	2.87	17.92	2.80
May	17.60	2.75	17.28	2.70	16.64	2.60
June	17.60	2.75	17.28	2.70	16.64	2.60
July	17.60	2.75	17.28	2.70	16.64	2.60
August	17.60	2.75	17.28	2.70	16.64	2.60
September	17.60	2.75	17.28	2.70	16.64	2.60

(1) 6.4 million BTU/barrel
(2) 6.4 million BTU/barrel
(3) 6.4 million BTU/barrel

Florida Power Corporation
Docket No. 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part C
Sheet 2 of 5

FUEL PRICE FORECAST

#2 Fuel Oil

1997	$/barrel	¢/gallon	$/MMBtu's[1]
January	33.06	0.79	5.70
February	33.06	0.79	5.70
March	31.90	0.76	5.50
April	29.00	0.69	5.00
May	27.84	0.66	4.80
June	26.68	0.64	4.60
July	26.68	0.64	4.60
August	26.68	0.64	4.60
September	26.68	0.64	4.60

(1) 5.8 million BTU/barrel and 42 gallons per barrel

Florida Power Corporation
Docket No. 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part C
Sheet 3 of 5

FUEL PRICE FORECAST

Coal

	Crystal River 1 & 2			Crystal River 4 & 5		
1997	BTU/lb.	$/ton	$/MMBtu	BTU/lb.	$/ton	$/MMBtu
January	12,594	42.57	1.69	12,500	50.35	2.01
February	12,594	42.59	1.69	12,500	50.36	2.01
March	12,594	42.62	1.69	12,500	50.38	2.02
April	12,594	42.68	1.69	12,500	50.74	2.03
May	12,605	42.73	1.70	12,500	50.42	2.02
June	12,594	42.73	1.70	12,500	50.78	2.03
July	12,611	42.70	1.69	12,500	50.39	2.02
August	12,594	42.70	1.70	12,500	50.58	2.02
September	12,011	42.81	1.70	12,500	50.35	2.01

Florida Power Corporation
Docket No. 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part C
Sheet 4 of 5

FUEL PRICE FORECAST

Firm Natural Gas

	FLORIDA GAS TRANSMISSION	
1997	Firm Volume MMBtu/Day	$/MMBtu
January	23,515	4.26
February	23,515	3.76
March	23,515	3.41
April	23,515	3.06
May	15,300	2.93
June	15,300	2.88
July	15,300	2.88
August	15,300	2.88
September	15,300	2.88

Florida Power Corporation
Docket No. 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part C
Sheet 5 of 5

FUEL PRICE FORECAST

Transportation Costs

#6 and #2 Fuel Oil

FUEL	LOCATION	TRANSPORTATION $/Barrel	$/MMBtu
#6 Oil	Suwannee (2.5%)	3.20	0.50
6.4 million BTU/bbl			
#2 Oil	Avon Park	1.16	0.20
5.8 million BTU/bbl	Bartow-Barge	0.93	0.16
	Bayboro-Barge	0.93	0.16
	Debary	1.51	0.26
	Higgins	0.52	0.09
	Intercession City	1.16	0.20
	Port St. Joe	1.39	0.24
	Rio Pinar	1.28	0.22
	Suwannee	1.22	0.21
	Turner	1.57	0.27

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1997

PART D - CAPACITY COST RECOVERY CALCULATIONS

Florida Power Corporation
Docket 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part D
Sheet 1 of 6

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

PROJECTED CAPACITY PAYMENTS

For the Period of: April through September 1997

		Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	TOTAL
	Base Production Level Capacity Charges:							
1	Bay County Qualifying Facility	$152,790	152,790	152,790	152,790	152,790	152,790	$916,740
2	Eco Peat Qualifying Fqacility	903,762	903,762	903,762	903,762	903,762	903,762	5,422,572
3	General Peat Qualifying Facility	3,112,824	3,112,824	3,112,824	3,112,824	3,112,824	3,112,824	18,676,944
4	Auburndale LFC Qualifying Facility	491,930	491,930	491,930	491,930	491,930	491,930	2,951,580
5	Dade County Qualifying Facility	632,960	632,960	632,960	632,960	632,960	632,960	3,797,760
6	Lake County Qualifying Facility	289,043	289,043	289,043	289,043	289,043	289,043	1,734,258
7	Pasco County Qualifying Facility	521,410	521,410	521,410	521,410	521,410	521,410	3,128,460
8	Pinellas County 1&2 Qualifying Facility	1,241,183	1,241,183	1,241,183	1,241,183	1,241,183	1,241,183	7,447,098
9	El Dorado Qualifying Facility	1,630,105	1,630,105	1,630,105	1,630,105	1,630,105	1,630,105	9,780,630
10	Lake Cogen Qualifying Facility	2,421,491	2,421,491	2,421,491	2,421,491	2,421,491	2,421,491	14,528,946
11	Orange Cogen Qualifying Facility	1,479,146	1,479,146	1,479,146	1,479,146	1,479,146	1,479,146	8,874,876
12	Orlando Cogen Qualifying Facility	1,299,753	1,299,753	1,299,753	1,299,753	1,299,753	1,299,753	7,798,518
13	Pasco Cogen Qualifying Facility	2,652,553	2,652,553	2,652,553	2,652,553	2,652,553	2,652,553	15,915,318
14	Ridge Generating Station Qualifying Facility	800,946	800,946	800,946	800,946	800,946	800,946	4,805,676
15	Timber Energy 1 Qualifying Facility	292,701	292,701	292,701	292,701	292,701	292,701	1,756,206
16	Timber Energy 2 Qualifying Facility	108,840	108,840	108,840	108,840	108,840	108,840	653,040
17	Mulberry Energy Qualifying Facility	1,887,632	1,887,632	1,887,632	1,887,632	1,887,632	1,887,632	11,325,792
18	Royster Phosphates Qualifying Facility	675,964	675,964	675,964	675,964	675,964	675,964	4,055,784
19	Seminole Fertilizer (Cargill) Qualifying Facility	337,500	337,500	337,500	337,500	337,500	337,500	2,025,000
20	Panda Kathleen Qualifying Facility	0	0	0	0	0	0	0
21	US Agrichem Qualifying Facility	29,529	29,529	29,529	29,529	29,529	29,529	177,174
22	Tiger Bay (EcoPeat lease credit)	(66,666)	(66,666)	(66,666)	(66,666)	(66,666)	(66,666)	(399,996)
23	Subtotal - Base Level Capacity Charges	$20,895,396	$20,895,396	$20,895,396	$20,895,396	$20,895,396	$20,895,396	$125,372,376
24	Base Production Jurisdictional Responsibility	94.711%	94.711%	94.711%	94.711%	94.711%	94.711%	94.711%
25	Base Level Jurisdictional Capacity Charges	$19,790,239	$19,790,239	$19,790,239	$19,790,239	$19,790,239	$19,790,239	$118,741,434
	Intermediate Production Level Capacity Charges:							
26	TECO Power Purchase	$471,367	471,367	471,367	471,367	471,367	471,367	2,828,202
27	UPS Purchase (405 MW)	4,708,664	4,708,664	4,708,664	4,708,664	4,708,664	4,708,664	28,251,984
28	Capacity Sales	0	0	0	0	0	0	0
29	Subtotal - Intermediate Level Capacity Charges	$5,180,031	$5,180,031	$5,180,031	$5,180,031	$5,180,031	$5,180,031	$31,080,186
30	Intermediate Production Jurisdictional Responsibility	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%
31	Intermediate Level Jurisdictional Capacity Charges	$4,188,107	$4,188,107	$4,188,107	$4,188,107	$4,188,107	$4,188,107	$25,128,642
32	Sebring Base Rate Credits	($301,667)	($293,108)	($345,245)	($369,038)	($372,579)	($396,929)	($2,078,566)
33	Jurisdictional Capacity Payments (lines 25 + 31 + 32)	$23,676,679	$23,685,238	$23,633,101	$23,609,308	$23,605,767	$23,581,417	$141,791,510
34	Estimated/Actual True-Up Provision for the period October 1996 through March 1997							$4,776,510
35	TOTAL (Sum of lines 33 & 34)							$146,568,020
36	Revenue Tax Multiplier							1.00083
37	TOTAL RECOVERABLE CAPACITY PAYMENTS							$146,689,671

Lines 24 & 30: From FPC Jurisdictional Separation Study for the year 1995
Line 34: Copied from Sheet 2, line 44.

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

CALCULATION OF ESTIMATED / ACTUAL TRUE-UP

For the Period of: October 1996 through March 1997

Florida Power Corporation
Docket 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part D
Sheet 2 of 6

	Actual Oct-96	Actual Nov-96	Estimated Dec-96	Estimated Jan-97	Estimated Feb-97	Estimated Mar-97	TOTAL	Original Estimate	Variance
Base Production Level Capacity Charges:									
1 Bay County Qualifying Facility	$143,880	$143,880	$143,880	$152,790	$152,790	$152,790	$890,010	$890,010	$0
2 Eco Peat Qualifying Facility	859,766	859,766	859,766	903,762	903,762	903,762	5,290,584	5,290,584	0
3 General Peat Qualifying Facility	2,927,495	2,927,496	2,927,496	3,112,824	3,112,824	3,112,824	18,120,959	18,120,960	(1)
4 Auburndale LFC Qualifying Facility	1,391,120	473,570	473,570	491,930	491,930	491,930	3,814,050	2,896,500	917,550
5 Dade County Qualifying Facility	602,000	600,095	602,000	632,960	632,960	632,960	3,702,975	3,704,880	(1,905)
6 Lake County Qualifying Facility	271,830	271,830	271,830	289,043	289,043	289,043	1,682,619	1,682,619	0
7 Pasco County Qualifying Facility	490,360	490,360	490,360	521,410	521,410	521,410	3,035,310	3,035,310	0
8 Pinellas County Qualifying Facility	1,145,950	1,145,950	1,167,270	1,241,183	1,241,183	1,241,183	7,182,719	7,225,359	(42,640)
9 El Dorado Qualifying Facility	1,550,372	1,550,372	1,550,372	1,630,105	1,630,105	1,630,105	9,541,431	9,541,431	0
10 Lake Cogen Qualifying Facility	1,669,880	1,669,880	3,470,698	2,421,491	2,421,491	2,421,491	14,074,931	10,276,917	3,798,014
11 Orange Cogen Qualifying Facility	1,409,160	1,409,160	1,409,160	1,479,146	1,479,146	1,479,146	8,664,918	8,664,918	0
12 Orlando Cogen Qualifying Facility	1,244,378	1,236,178	1,236,178	1,299,753	1,299,753	1,299,753	7,615,993	7,607,793	8,200
13 Pasco Cogen Qualifying Facility	1,654,699	4,175,750	1,401,885	2,652,553	2,652,553	2,652,553	15,189,993	10,183,491	5,006,502
14 Ridge Generating Station Qualifying Faci	784,653	758,788	800,946	800,946	800,946	800,946	4,747,225	4,805,676	(58,451)
15 Timber Energy 1 Qualifying Facility	292,701	292,701	292,701	292,701	292,701	292,701	1,756,206	1,756,206	0
16 Timber Energy 2 Qualifying Facility	102,360	102,360	102,360	108,840	108,840	108,840	633,600	633,600	0
17 Mulberry Energy Qualifying Facility	1,795,741	1,795,741	1,795,741	1,887,632	1,887,632	1,887,632	11,050,119	11,050,119	0
18 Royster Phosphates Qualifying Facility	643,058	643,058	643,058	675,964	675,964	675,964	3,957,066	3,957,066	0
19 Seminole Fertilizer Qualifying Facility	321,150	321,150	321,150	337,500	337,500	337,500	1,975,950	1,975,950	0
20 Panda Kathleen Qualifying Facility	0	0	0	0	0	0	0	0	0
21 US Agrichem Qualifying Facility	0	0	0	29,529	29,529	29,529	88,587	96,057	(7,470)
22 Tiger Bay (EcoPeat lease credit)	(66,667)	(66,667)	(66,667)	(66,666)	(216,667)	(66,667)	(550,001)	(550,000)	(1)
23 Subtotal - Base Level Capacity Charges	$19,233,886	$20,801,418	$19,893,754	$20,895,396	$20,745,395	$20,895,395	$122,465,244	$112,845,446	$9,619,798
24 Base Production Jurisdictional Responsibility	94.711%	94.711%	94.711%	94.711%	94.711%	94.711%	94.711%	94.711%	- n/a -
25 Base Level Jurisdictional Capacity Charges	$18,216,606	$19,701,231	$18,841,573	$19,790,239	$19,648,171	$19,790,238	115,988,058	$106,877,050	$9,111,008
Intermediate Production Level Capacity Charges:									
26 TECO Power Purchase	$471,367	$471,367	$471,367	$471,367	$471,367	$471,367	$2,828,202	$2,828,202	$0
27 UPS Purchase (409 MW)	4,700,344	4,619,064	4,783,702	4,708,664	4,708,664	4,708,664	28,229,102	29,581,656	(1,352,554)
28 Capacity Sales	($2,511)	($2,430)	0	0	0	0	0	0	0
29 Subtotal - Intermediate Level Capacity Charges	$5,169,200	$5,088,001	$5,255,069	$5,180,031	$5,180,031	$5,180,031	$31,057,304	$32,409,858	($1,352,554)
30 Intermediate Production Jurisdict. Responsibility	80.851%	80.851%	80.851%	80.851%	80.851%	80.851%	80.838%	80.851%	- n/a -
31 Intermediate Level Jurisdictional Capacity Charges	$4,179,350	$4,113,700	$4,248,776	$4,188,107	$4,188,107	$4,188,107	$25,106,147	$26,203,695	($1,097,548)
32 Sebring Base Rate Credits	($320,589)	($276,213)	($299,806)	($349,365)	($325,952)	($297,839)	($1,869,764)	($1,898,427)	$28,663
33 Jurisdictional Capacity Charges (lines 25+31+32)	$22,075,367	$23,538,718	$22,790,543	$23,628,981	$23,510,326	$23,680,506	$139,224,441	$131,182,318	$8,042,123
34 Jurisdictional kWh Sales (000)	2,549,185	2,383,083	2,325,765	2,433,262	2,333,322	2,248,989	14,273,606	14,280,219	(6,613)
35 Capacity Cost Recovery Revenues (net of revenue taxes)	$21,419,969	$19,619,300	$19,613,689	$20,520,235	$19,677,419	$18,966,220	$119,816,831	$120,428,189	($611,358)
35a Miscellaneous Revenue Adjustments	0	0	0	0	0	0	0	0	0
36 Prior Period True-Up Provision	2,409,068	2,409,068	2,409,068	2,409,068	2,409,068	2,409,068	$14,454,408	$10,754,129	3,700,279
37 Current Period Capacity Cost Recovery Revenues (net of revenue taxes) (sum lines 35 through 36)	$23,829,037	$22,028,368	$22,022,757	$22,929,303	$22,086,487	$21,375,288	$134,271,239	$131,182,318	$3,088,921
38 Current Period Over/(Under) Recovery (line 37 - line 33)	$1,753,670	($1,510,350)	($767,786)	($699,678)	($1,423,839)	($2,305,218)	($4,953,202)	$0	($4,953,202)
39 Interest Provision for Month	63,683	53,682	37,906	23,909	8,370	(10,858)	176,692	217,890	(41,198)
40 Current Cycle Balance	1,817,353	360,685	(369,195)	(1,044,964)	(2,460,434)	(4,776,510)	(4,776,510)	217,890	(4,994,400)
41 plus: Prior Period Balance	14,454,408	14,454,408	14,454,408	14,454,408	14,454,408	14,454,408	14,454,408	10,754,129	3,700,279
42 plus: Cumulative True-Up Provision	(2,409,068)	(4,818,136)	(7,227,204)	(9,636,272)	(12,045,340)	(14,454,408)	(14,454,408)	(10,754,129)	(3,700,279)
43 plus: Other	0	0	0	0	0	0	0	0	0
44 End of Period Net True-Up (sum lines 40 through 43)	$13,862,693	$9,996,957	$6,858,009	$3,773,172	($51,366)	($4,776,510)	($4,776,510)	$217,890	($4,994,400)

Florida Power Corporation
Docket 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part D
Sheet 3 of 6

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

DEVELOPMENT OF JURISDICTIONAL DELIVERY LOSS MULTIPLIERS

Based on Actual Calendar Year 1995 Data

For the Period of: April through September 1997

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ENERGY DELIVERED					ENERGY REQ'D @ SOURCE		
	SALES MWH	NET UNBILLED MWH	TOTAL MWH	% OF TOTAL	PER UNIT DELIVERY EFFICIENCY	MWH (3)/(5)	% OF TOTAL	JURISDICTIONAL LOSS MULTIPLIER 0.9470255 / (5)
I. CLASS LOADS								
A. RETAIL								
1. Transmission	807,005	6,748	813,753		0.9750000	834,618		
2. Distribution Primary	3,905,316	32,657	3,937,973		0.9650000	4,080,801		
3. Distribution Secondary	24,787,156	207,278	24,994,434		0.9419021	26,536,127		
TOTAL RETAIL	29,499,477	246,683	29,746,160	96.33%	0.9457774	31,451,546	96.45%	1.0013
C. WHOLESALE								
1. Source Level	310,763	9,878	320,641		1.0000000	320,641		
2. Transmission	661,993	44,928	706,921		0.9750000	725,047		
3. Distribution Primary	98,806	7,823	106,629		0.9650000	110,496		
4. Distribution Secondary	0	0	0		0.9419021	0		
TOTAL WHOLESALE	1,071,562	62,629	1,134,191	3.67%	0.9809779	1,156,184	3.55%	0.9654
TOTAL CLASS LOADS	30,571,039	309,312	30,880,351	100.00%	0.9470255	32,607,730	100.00%	1.0000
II. NON-CLASS LOADS								
A. Company Use	152,774	0	152,774		0.9419021	162,197		
B. Seminole Electric	672,040	91,064	763,104		1.0000000	763,104		
C. Kissimmee	41,915	194	42,109		0.9750000	43,189		
D. St. Cloud	42,008	2,125	44,133		0.9750000	45,265		
E. Interchange	1,056,702	0	1,056,702		0.9750000	1,083,797		
F. SEPA	18,894	(611)	18,283		1.0000000	18,283		
TOTAL NON-CLASS	1,984,333	92,772	2,077,105		0.9816952	2,115,835		
TOTAL SYSTEM	32,555,372	402,084	32,957,456		0.9491380	34,723,565		

Florida Power Corporation
Docket 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part D
Sheet 4 of 6

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

CALCULATION OF AVERAGE 12 CP AND ANNUAL AVERAGE DEMAND

For the Period of: April through September 1997

RATE CLASS	(1) MWH Sales @ Meter Level (Apr'97-Sep'97)	(2) 12 CP Load Factor	(3) Average CP MW @ Meter Level (1)/4380 hrs/(2)	(4) Delivery Efficiency Factor	(5) Average CP MW @ Source Level (3)/(4)	(6) MWH Sales @ Meter Level (Apr'97-Sep'97)	(7) Delivery Efficiency Factor	(8) Source Level MWH (6)/(7)	(9) Annual Average Demand (8) / 4380 hrs
I. Residential Service	8,385,238	0.515	3,717.4	0.9419021	3,946.6	8,385,238	0.9419021	8,902,452	2,032.5
II. General Service Non-Demand									
Transmission	0	0.662	0.0	0.9750000	0.0	0	0.9750000	0	0.0
Primary	3,668	0.662	1.3	0.9650000	1.3	3,668	0.9650000	3,801	0.9
Secondary	647,438	0.662	223.3	0.9419021	237.1	647,438	0.9419021	687,373	156.9
Total	651,106				238.4	651,106		691,174	157.8
III. GS - 100% L.F.	25,524	1.000	5.8	0.9419021	6.2	25,524	0.9419021	27,098	6.2
IV. General Service Demand									
SS1 - Transmission	5,079	1.218	1.0			5,079			
GSD - Transmission	5,340	0.807	1.5			5,340			
SubTotal - Transmission	10,419		2.5	0.9750000	2.5	10,419	0.9750000	10,686	2.4
SS1 - Primary		1.218	0.0			0			
GSD - Primary	1,221,073	0.807	345.5			1,221,073			
SubTotal - Primary	1,221,073		345.5	0.9650000	358.0	1,221,073	0.9650000	1,265,361	288.9
GSD - Secondary	4,805,614	0.807	1,359.6	0.9419021	1,443.4	4,805,614	0.9419021	5,102,031	1,164.8
Total	6,037,106				1,803.9	6,037,106		6,378,078	1,456.2
V. Curtailable Service									
CS - Primary	92,709	0.966	21.9			92,709			
SS3 - Primary	5,000	1.039	1.1			5,000			
SubTotal - Primary	97,709		23.0	0.9650000	23.8	97,709	0.9650000	101,253	23.1
CS - Secondary	1,365	0.966	0.3	0.9419021	0.3	1,365	0.9419021	1,449	0.3
Total	99,074		23.3		24.2	99,074		102,702	23.4
VI. Interruptible Service									
IS - Transmission	243,075	1.044	53.2			243,075			
SS2 - Transmission	70,201	1.044	15.4			70,201			
SubTotal - Transmission	313,276		68.5	0.9750000	70.3	313,276	0.9750000	321,309	73.4
IS - Primary	1,200,968	1.044	262.6			1,200,968			
SS2 - Primary	6,082	1.044	1.3			6,082			
SubTotal - Primary	1,207,050		264.0	0.9650000	273.5	1,207,050	0.9650000	1,250,829	285.6
IS - Secondary	2,405	1.044	0.5	0.9419021	0.6	2,405	0.9419021	2,553	0.6
Total	1,522,731				344.4	1,522,731		1,574,691	359.5
VII. Lighting Service	110,706	3.779	6.7	0.9419021	7.1	110,706	0.9419021	117,535	26.8
TOTAL RETAIL	16,831,485				6,370.8	16,831,485		17,793,730	4,062.5

Cols (1) & (6): Florida Power Corp. sales forecast for period April through September 1997.
Col (2): Florida Power Corp. Load Research Study Results, for the period April 1995 to March 1996, adjusted to remove load management effects.

Florida Power Corporation
Docket 970001-EI
Witness: K. H. Wieland
Exhibit No. _____
Part D
Sheet 5 of 6

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

CALCULATION OF CAPACITY COST RECOVERY FACTOR

For the Period of: April through September 1997

RATE CLASS	(1) AVERAGE 12 CP DEMAND MW	(2) %	(3) ANNUAL AVERAGE DEMAND MW	(4) %	(5) 12/13 of 12 CP 12/13 * (2)	(6) 1/13 of Ann. Demand 1/13 * (4)	(7) Demand Allocation (5) + (6)	(8) Dollar Allocation (7) * $146689671	(9) Effective MWHs @ Secondary Level (Apr'97-Sep'97)	(10) Capacity Cost Recovery Factor (¢/kWh)
I. Residential Service	3,946.6	61.949%	2,032.5	50.031%	57.184%	3.849%	61.032%	$89,528,000	8,385,238	1.068
II. General Service Non-Demand										
Transmission									0	0.829
Primary									3,631	0.837
Secondary									647,438	0.845
Total	238.4	3.742%	157.8	3.884%	3.454%	0.299%	3.753%	$5,504,695	651,069	
III. GS - 100% L.F.	6.2	0.097%	6.2	0.152%	0.090%	0.012%	0.101%	$148,680	25,524	0.583
IV. General Service Demand										
Transmission									10,211	0.689
Primary									1,208,862	0.697
Secondary									4,805,614	0.704
Total	1,803.9	28.316%	1,456.2	35.845%	26.138%	2.757%	28.895%	$42,385,840	6,024,687	
V. Curtailable Service										
Transmission									0	0.579
Primary									96,732	0.585
Secondary									1,365	0.590
Total	24.2	0.380%	23.4	0.577%	0.350%	0.044%	0.395%	$579,206	98,097	
VI. Interruptible Service										
Transmission									307,010	0.542
Primary									1,194,980	0.547
Secondary									2,405	0.553
Total	344.4	5.405%	359.5	8.850%	4.990%	0.681%	5.670%	$8,317,792	1,504,395	
VII. Lighting Service	7.1	0.111%	26.8	0.661%	0.103%	0.051%	0.154%	$225,458	110,706	0.204
TOTAL RETAIL	6,370.8	100.000%	4,062.5	100.000%	92.368%	7.692%	100.000%	$146,689,671	16,799,716	0.871519

Col (1): Copied from Sheet 4, col (5).
Col (3): Copied from Sheet 4, col (9).
Col (8): Computed from Sheet 1, line 37.
Col (9): Sheet 4, col (1) adjusted by metering reduction factor of 1% for primary and 2% for transmission.
Col (10): Secondary factors calculated as total col. (8) + total col. (9) + 10; primary factors reflect 1% reduction and transmission reflect 2% reduction.

FLORIDA POWER CORPORATION
Docket No. 970001-EI
Witness: K.H. Wieland
Exhibit No. _____
Part D
Sheet 6 of 6

SETTLEMENT AMOUNTS INCLUDED IN THE FUEL & CAPACITY CLAUSES
PASCO AND LAKE COGENERATION FACILITIES

	Fuel Adjustment Clause		Capacity Cost Recovery Clause	
	Oct 96 - Mar 97	Apr 97 - Sep 97	Oct 96 - Mar 97	Apr 97 - Sep 97
Pasco Cogen				
Energy payment settlement	5,549,812	0	0	0
Capacity payment rate increase	0	0	1,202,020	0
Contract buy-out (62% allocated to Capacity & 38% to Fuel)	1,560,286	1,813,596	2,545,730	2,959,026
Total Pasco Cogen	$7,110,098	$1,813,596	$3,747,750	$2,959,026
Lake Cogen				
Energy payment settlement	5,512,056	0	0	0
Capacity payment rate increase	0	0	808,699	0
Contract buy-out (62% allocated to Capacity & 38% to Fuel)	1,053,515	891,031	1,718,894	1,453,787
Total Lake Cogen	$6,565,571	$891,031	$2,527,593	$1,453,787
Total Pasco and Lake	$13,675,669	$2,704,627	$6,275,343	$4,412,813

EXHIBITS TO THE TESTIMONY OF
KARL H. WIELAND

LEVELIZED FUEL COST FACTORS
APRIL THROUGH SEPTEMBER 1997

PART E
DEBARY 7, BARTOW 3 & 4 AND
SUWANNEE 1 GAS CONVERSION

FLORIDA POWER CORPORATION
DOCKET 970001-EI
WITNESS: K.H. WIELAND
EXHIBIT NO. _____
PART E

DEBARY 7, BARTOW 3 & 4, & SUWANNEE 1 GAS CONVERSION
SUMMARY OF COSTS AND SAVINGS - 5 YEAR RECOVERY
FOR THE PERIOD APRIL, 1997 THROUGH SEPTEMBER, 1997

		1997						
		APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1	BEGINNING BALANCE	$ -	$ -	$ 7,500,000	$ 7,500,000	$ 7,500,000	$ 7,500,000	$ -
2	ADD INVESTMENT	-	7,500,000	-	-	-	-	7,500,000
3	LESS RETIREMENTS	-	-	-	-	-	-	-
4	ENDING BALANCE	-	7,500,000	7,500,000	7,500,000	7,500,000	7,500,000	7,500,000
5								
6								
7	AVERAGE BALANCE	-	3,750,000	7,500,000	7,500,000	7,500,000	7,500,000	
8	DEPRECIATION RATE	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	
9	DEPRECIATION EXPENSE	-	62,500	125,000	125,000	125,000	125,000	562,500
10	LESS RETIREMENTS	-	-	-	-	-	-	-
11	BEGINNING BALANCE DEPRECIATION	-	-	62,500	187,500	312,500	437,500	-
12	ENDING BALANCE DEPRECIATION	-	62,500	187,500	312,500	437,500	562,500	562,500
13								
14								
15	ENDING NET INVESTMENT	$ -	$ 7,437,500	$ 7,312,500	$ 7,187,500	$ 7,062,500	$ 6,937,500	$ 6,937,500
16								
17								
18	AVERAGE INVESTMENT	$ -	$ 3,718,750	$ 7,375,000	$ 7,250,000	$ 7,125,000	$ 7,000,000	
19	ALLOWED EQUITY RETURN	.42667%	.42667%	.42667%	.42667%	.42667%	.42667%	
20	EQUITY COMPONENT AFTER-TAX	-	15,867	31,467	30,933	30,400	29,867	138,534
21	CONVERSION TO PRE-TAX	1.62800	1.62800	1.62800	1.62800	1.62800	1.62800	
22	EQUITY COMPONENT PRE-TAX	-	25,831	51,228	50,359	49,491	48,623	225,532
23								
24	ALLOWED DEBT RETURN	.27083%	.27083%	.27083%	.27083%	.27083%	.27083%	
25	DEBT COMPONENT	-	10,072	19,974	19,635	19,297	18,958	87,936
26								
27	TOTAL RETURN REQUIREMENTS	-	35,903	71,202	69,994	68,788	67,581	
28								
29	TOTAL DEPRECIATION & RETURN	$ -	$ 98,403	$ 196,202	$ 194,994	$ 193,788	$ 192,581	$ 875,968
30								
31	ESTIMATED FUEL SAVINGS (EXCLUDES COGENS)	-	94,000	286,000	325,000	587,000	499,000	1,791,000
32	TOTAL DEPRECIATION & RETURN	-	98,403	196,202	194,994	193,788	192,581	875,968
33	ONE-TIME METERING COST	-	-	-	-	-	-	-
34	NET BENEFIT (COST) TO RATEPAYER	$ -	$ (4,403)	$ 89,798	$ 130,006	$ 393,212	$ 306,419	$ 915,032
35								

36 DEPRECIATION EXPENSE IS CALCULATED BASED UPON AN PERIOD THROUGH JUNE 2001.
37 RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 8.37% (EQUITY 5.12%, DEBT 3.25%).
38 THIS IS THE MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 91-0890-EI.
38 RETURN REQUIREMENT IS CALCULATED BASED UPON A COMBINED STATUTORY INCOME TAX RATE OF 38.575%

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1997

SCHEDULES E1 THROUGH E10 AND H1

FLORIDA POWER CORPORATION
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE
ESTIMATED FOR THE PERIOD OF: APRIL 1997 THROUGH SEPTEMBER 1997

			DOLLARS	MWH		CENTS/KWH
1.	Fuel Cost of System Net Generation		248,196,433	14,195,910		1.74837
2.	Spent Nuclear Fuel Disposal Cost		2,826,190	3,022,663	*	0.09350
3.	Coal Car Investment		0	0		0.00000
4.	Adjustment to Fuel Cost		1,403,322	0		0.00000
5.	TOTAL COST OF GENERATED POWER		252,425,945	14,195,910		1.77816
6.	Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)		23,994,980	1,248,361		1.92212
7.	Energy Cost of Sch. C,X Economy Purchases (Broker) (E9)		18,582,810	630,000		2.94965
8.	Energy Cost of Economy Purchases (Non-Broker) (E9)		1,708,387	85,551		1.99692
9.	Energy Cost of Schedule E Economy Purchases (E9)		0	0		0.00000
10.	Capacity Cost of Economy Purchases (E9)		685,336	61,971	*	1.10590
11.	Payments to Qualifying Facilities (E8)		81,754,286	3,893,407		2.09981
12.	TOTAL COST OF PURCHASED POWER		126,725,799	5,857,319		2.16355
13.	TOTAL AVAILABLE KWH			20,053,229		
14.	Fuel Cost of Economy Sales	(E6)	(9,378,410)	(470,000)		1.99541
14a.	Gain on Economy Sales - 80%	(E6)	(1,848,720)	(470,000)	*	0.39334
15.	Fuel Cost of Other Power Sales	(E6)	0	0		0.00000
15a.	Gain on Other Power Sales	(E6)	0	0		0.00000
16.	Fuel Cost of Unit Power Sales	(E6)	0	0		0.00000
16a.	Gain on Unit Power Sales	(E6)	0	0		0.00000
17.	Fuel Cost of Stratified Sales	(E6)	(9,016,247)	(332,765)		2.70949
18.	TOTAL FUEL COST AND GAINS ON POWER SALES		(20,243,377)	(802,765)		2.52171
19.	Net Inadvertent Interchange			0		
20.	TOTAL FUEL AND NET POWER TRANSACTIONS		358,908,367	19,250,464		1.86441
21.	Net Unbilled		11,615,524	(623,012)		0.06650
22.	Company Use		1,694,752	(90,900)		0.00970
23.	T & D Losses		20,083,301	(1,077,191)		0.11500
24.	Adjusted System KWH Sales		358,908,367	17,459,361		2.05561
25.	Wholesale KWH Sales (Excluding Supplemental Sales)		(12,905,306)	(627,876)		2.05539
26.	Jurisdictional KWH Sales		346,003,061	16,831,485		2.05569
27.	Jurisdictional KWH Sales Adjusted for Line Losses x	1.0013	346,452,865	16,831,485		2.05836
28.	Prior Period True-Up (E1-B, Sheet 1)**		54,288,997	16,831,485		0.32254
28a.	Market Price True-Up **		0	16,831,485		0.00000
29.	Total Jurisdictional Fuel Cost		400,741,862	16,831,485		2.38090
30.	Revenue Tax Factor					1.00083
31.	Fuel Cost Adjusted for Taxes		401,074,478	16,831,485		2.38288
32.	GPIF **		431,674	16,831,485		0.00256
33.	Fuel Factor Adjusted for taxes including GPIF		401,506,152	16,831,485		2.38544
34.	Total Fuel Cost Factor (rounded to the nearest .001 cents/ KWH)					2.385

* For Informational Purposes Only

** Based on Jurisdictional Sales

FLORIDA POWER CORPORATION
CALCULATION OF TOTAL TRUE-UP
(PROJECTED PERIOD)
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

1.	ESTIMATED OVER/(UNDER) RECOVERY (3 months actual, 3 months projected) (Schedule E1-B, Sheet 1)	($43,124,413)	
2.	FINAL TRUE-UP (6 months prior period) (Schedule E1-B, Sheet 1)	(59,049,902)	
3.	TOTAL OVER/(UNDER) RECOVERY (Line 1 + Line 2)	($102,174,315)	
4.	OVER/(UNDER) RECOVERY (To be included in projected period)	($54,288,997)	
4.	JURISDICTIONAL MWH SALES (April through September 1997)	16,831,485	Mwh
5.	TRUE-UP FACTOR (To be included in projected period) (Line 3 / Line 4 / 10)	0.32254	Cents/kwh

FLORIDA POWER CORPORATION
CALCULATION OF ESTIMATED TRUE-UP
RE-ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 THROUGH MARCH 1997

DESCRIPTION		ACTUAL			ESTIMATED			TOTAL PERIOD
		Oct-96	Nov-96	Dec-96	Jan-97	Feb-97	Mar-97	
REVENUE								
1 Jurisdictional KWH Sales		2,549,186	2,383,083	2,211,408	2,433,262	2,333,322	2,248,989	14,159,250
2 Jurisdictional Fuel Factor (Pre-Tax)		2.051	2.051	2.043	2.058	2.058	2.058	
3 Total Jurisdictional Fuel Revenue		52,282,495	48,867,145	45,186,117	50,076,532	48,019,767	46,284,194	290,716,249
4 Less: True-Up Provision		(7,807,781)	(7,807,781)	(7,807,781)	(7,807,781)	(7,807,781)	(7,807,781)	(46,846,686)
5 Less: GPIF Provision		(254,383)	(254,383)	(254,383)	(254,383)	(254,383)	(254,384)	(1,526,299)
6 Less: Other Adjustments		0	0	0	0	0	0	0
7 Net Fuel Revenue		44,220,331	40,804,981	37,123,953	42,014,368	39,957,603	38,222,029	242,343,264
FUEL EXPENSE								
8 Total Cost of Generated Power		40,817,750	30,722,783	41,083,122	42,528,777	37,227,638	38,555,529	230,935,599
9 Total Cost of Purchased Power		19,343,765	26,372,046	24,850,927	17,830,241	15,625,491	19,174,008	123,196,478
10 Total Cost of Power Sales		(1,599,176)	(1,907,052)	(1,503,014)	(1,997,270)	(2,538,587)	(2,858,500)	(12,403,599)
11 Total Fuel and Net Power		58,562,339	55,187,777	64,431,035	58,361,748	50,314,542	54,871,037	341,728,478
12 Jurisdictional Percentage		94.19%	97.09%	96.52%	96.92%	97.12%	97.07%	96.46%
13 Jurisdictional Loss Multiplier		1.0013	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013
14 Jurisdictional Fuel Cost		55,231,575	53,651,469	62,269,680	56,637,740	48,929,008	53,332,558	330,052,030
COST RECOVERY								
15 Net Fuel Revenue Less Expense		(11,011,244)	(12,846,488)	(25,145,727)	(14,623,372)	(8,971,406)	(15,110,529)	
16 Interest Provision	(1)	(273,539)	(293,359)	(363,508)	(422,599)	(443,557)	(465,772)	
17 Current Cycle Balance		(11,284,783)	(24,424,629)	(49,933,865)	(64,979,835)	(74,394,798)	(89,971,099)	
18 Plus: Prior Period Balance	(2)	(59,049,902)	(59,049,902)	(59,049,902)	(59,049,902)	(59,049,902)	(59,049,902)	
19 Plus: Cumulative True-Up Provision		7,807,781	15,615,562	23,423,343	31,231,124	39,038,905	46,846,686	
20 Total Retail Balance		(62,526,904)	(67,858,969)	(85,560,424)	(92,798,613)	(94,405,795)	(102,174,315)	(3)

(1) Interest for the period calculated at the December 1996 rate of .475% (monthly).
(2) Actual Jurisdictional True-Up Balance (as filed on Schedule A2, Page 3 of 4) for the month of September 1996.
(3) $54,288,997 to be collected 4/97 - 9/97 and $47,885,318 to be collected 10/97 - 3/98.

FLORIDA POWER CORPORATION
COMPARISON OF ACTUAL/REVISED ESTIMATE VS. ORIGINAL ESTIMATE
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 THROUGH MARCH 1997

	DOLLARS				MWH				CENTS/KWH			
	Actual / Rev Estimate	Original Estimate	Difference Amount	Difference %	Actual / Rev Estimate	Original Estimate	Difference Amount	Difference %	Actual / Rev Estimate	Original Estimate	Difference Amount	Difference %
1. Fuel Cost of System Net Generation	229,410,979	181,313,052	48,097,927	26.5	10,438,643	11,847,029	(1,408,386)	(11.9)	2.1977	1.5305	0.6673	43.6
2. Spent Nuclear Fuel Disposal Cost	0	3,013,932	(3,013,932)	(100.0)	0 *	3,223,456 *	(3,223,456)	(100.0)	0.0000	0.0935	(0.0935)	(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. Adjustment to Fuel Cost	1,524,620	2,141,931	(617,311)	(28.8)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5. TOTAL COST OF GENERATED POWER	230,935,599	186,468,915	44,466,684	23.8	10,438,643	11,847,029	(1,408,386)	(11.9)	2.2123	1.5740	0.6383	40.6
6. Energy Cost of P. P. (Excl. Econ & Cogens)	18,974,670	6,299,350	12,675,320	201.2	948,349	325,532	622,817	191.3	2.0008	1.9351	0.0657	3.4
7. Energy Cost of Sch. C,X Econ Purch (Broker)	12,458,330	7,643,927	4,814,403	63.0	467,811	309,205	158,606	51.3	2.6631	2.4721	0.1910	7.7
8. Energy Cost of Economy Purch (Non-Broker)	3,537,013	886,978	2,650,035	298.8	146,498	42,858	103,640	241.8	2.4144	2.0696	0.3448	16.7
9. Energy Cost of Schedule E Economy Purch	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10. Capacity Cost of Economy Purchases	459,402	681,600	(222,198)	(32.6)	16,903 *	24,858 *	(7,955)	(32.0)	2.7179	2.7420	(0.0241)	(0.9)
11. Payments to Qualifying Facilities	87,767,083	73,322,010	14,445,053	19.7	3,682,334	3,705,732	(43,398)	(1.2)	2.3965	1.9786	0.4179	21.1
12. TOTAL COST OF PURCHASED POWER	123,196,478	88,833,865	34,362,613	38.7	5,224,992	4,383,327	841,665	19.2	2.3578	2.0266	0.3312	16.3
13. TOTAL AVAILABLE KWH					15,663,635	16,230,356	(566,721)	(3.5)	–	–	–	–
14. Fuel Cost of Economy Sales	(4,424,126)	(12,040,410)	7,616,284	(63.3)	(226,713)	(650,000)	423,287	(65.1)	1.9514	1.8524	0.0991	5.3
14a Gain on Economy Sales - 80%	(825,896)	(2,075,760)	1,249,864	(60.2)	(226,713) *	(650,000) *	423,287	(65.1)	0.3643	0.3193	0.0449	14.1
15. Fuel Cost of Other Power Sales	(759,770)	0	(759,770)	0.0	(39,965)	0	(39,965)	0.0	1.9011	0.0000	1.9011	0.0
15a Gain on Other Power Sales	(156,694)	0	(156,694)	0.0	(39,965) *	0 *	(39,965)	0.0	0.3921	0.0000	0.3921	0.0
16. Fuel Cost of Unit Power Sales	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16a Gain on Unit Power Sales	0	0	0	0.0	0 *	0 *	0	0.0	0.0000	0.0000	0.0000	0.0
17. Fuel Cost of Stratified Sales	(6,237,113)	(8,890,650)	2,653,537	(29.8)	(322,105)	(341,352)	19,247	(5.6)	1.9364	2.6045	(0.6682)	(25.7)
18. TOTAL FUEL COST & GAINS ON POWER SALES	(12,403,599)	(23,006,820)	10,603,221	(46.1)	(588,783)	(991,352)	402,569	(40.6)	2.1067	2.3208	(0.2141)	(9.2)
19. Net Inadvertent Interchange					2,694	0	2,694	0.0	–	–	–	–
20. TOTAL FUEL & NET POWER TRANSACTIONS	341,728,478	252,295,960	89,432,518	35.4	15,077,546	15,239,004	(161,458)	(1.1)	2.2665	1.6556	0.6109	36.9
21. Net Unbilled	(12,196,910) *	(8,707,415) *	(5,489,495)	81.8	538,145	405,135	133,010	32.8	(0.0831)	(0.0456)	(0.0375)	82.4
22. Company Use	1,968,853 *	1,564,542 *	424,311	27.1	(87,751)	(94,500)	6,749	(7.1)	0.0135	0.0106	0.0029	27.5
23. T & D Losses	19,172,275 *	13,565,937 *	5,606,338	41.3	(845,908)	(819,397)	(26,511)	3.2	0.1306	0.0921	0.0385	41.8
24. Adjusted System KWH Sales	341,728,478	252,295,960	89,432,518	35.4	14,682,032	14,730,242	(48,210)	(0.3)	2.3275	1.7128	0.6148	35.9
25. Wholesale KWH Sales (Excl Suppl. Sales)	(12,175,269)	(7,643,144)	(4,532,119)	59.3	(522,783)	(450,023)	(72,760)	16.2	2.3289	1.6984	0.6305	37.1
26. Jurisdictional KWH Sales	329,553,215	244,652,816	84,900,399	34.7	14,159,249	14,280,219	(120,970)	(0.8)	2.3275	1.7132	0.6142	35.9
27. Jurisd KWH Sales Adj for Line Losses	329,981,634	244,970,863	85,010,771	34.7	14,159,249	14,280,219	(120,970)	(0.8)	2.3305	1.7155	0.6150	35.9
28. Prior Period True-Up **	46,846,686	46,846,686	0	0.0	14,159,249	14,280,219	(120,970)	(0.8)	0.3309	0.3281	0.0028	0.9
28a Market Price True-Up **	(235,010)	(235,010)	0	0.0	14,159,249	14,280,219	(120,970)	(0.8)	(0.0017)	(0.0016)	(0.0000)	0.9
29. Total Jurisdictional Fuel Cost	376,593,310	291,582,539	85,010,771	29.2	14,159,249	14,280,219	(120,970)	(0.8)	2.6597	2.0419	0.6178	30.3
30. Revenue Tax Factor									1.00065	1.00083	0.0000	0.0
31. Fuel Cost Adjusted for Taxes									2.6619	2.0436	0.6183	30.3
32. GPIF **	1,498,216	1,498,216	0	0.0	14,159,249	14,280,219	(120,970)	(0.8)	0.0106	0.0105	0.0001	0.9
34. Total Fuel Cost Factor									2.672	2.054	0.618	30.1

* For Informational Purposes Only
** Based on Jurisdictional Sales

FLORIDA POWER CORPORATION
CALCULATION OF GENERATING PERFORMANCE INCENTIVE AND TRUE-UP ADJUSTMENT FACTORS
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

1.	TOTAL AMOUNT OF ADJUSTMENTS:		
	A. Generating Performance Incentive Reward / (Penalty)	$431,674	
	B. True-Up (Over) / Under Recovery	$54,288,997	
	C. Market Price True-Up	$0	
2.	JURISDICTIONAL MWH SALES	16,831,485	Mwh
3.	ADJUSTMENT FACTORS:		
	A. Generating Performance Incentive Factor	0.00256	Cents/kwh
	B. True-Up Factor	0.32254	Cents/kwh
	C. Market Price True-Up Factor	0.00000	Cents/kwh

FLORIDA POWER CORPORATION
CALCULATION OF LEVELIZED FUEL ADJUSTMENT FACTORS
(PROJECTED PERIOD)
FOR THE PERIOD OF: APR-97 THROUGH SEP-97

1.	Period Jurisdictional Fuel Cost (E1, line 27)	$346,452,865	
2.	Prior Period True-Up (E1, line 28)	54,288,997	
3.	Market Price True-Up (E1, line 28a)	0	
4.	Regulatory Assessment Fee (E1, line 30)	332,617	
5.	Generating Performance Incentive Factor (GPIF) (E1, line 32)	431,674	
6.	Total Jurisdictional Fuel Cost	$401,506,152	
7.	Jurisdictional Sales	16,831,485	Mwh
8.	Jurisdictional Cost per Kwh Sold (Line 6 / Line7 / 10)	2.385	Cents/kwh
9.	Effective Jurisdictional Sales (See Below)	16,799,716	Mwh

LEVELIZED FUEL FACTORS:

10.	Fuel Factor at Secondary Metering (Line 6 / Line 9 / 10)	2.390	Cents/kwh
11.	Fuel Factor at Primary Metering (Line 10 * 99%)	2.366	Cents/kwh
12.	Fuel Factor at Transmission Metering (Line 10 * 98%)	2.342	Cents/kwh

	JURISDICTIONAL SALES (MWH)	
METERING VOLTAGE:	METER	SECONDARY
Distribution Secondary	13,978,290	13,978,290
Distribution Primary	2,529,500	2,504,205
Transmission	323,695	317,221
Total	16,831,485	16,799,716

FLORIDA POWER CORPORATION
CALCULATION OF FINAL FUEL COST FACTORS
FOR THE PERIOD OF: APR-97 THROUGH SEP-97

Line:	Metering Voltage	(1) Levelized Factors Cents/Kwh	(2) Time of Use On-Peak Multiplier 1.294	(3) Time of Use Off-Peak Multiplier 0.840
1.	Distribution Secondary	2.390	3.093	2.008
2.	Distribution Primary	2.368	3.062	1.987
3.	Transmission	2.342	3.031	1.967
4.	Lighting Service	2.210	--	--

Col. (1) Lines 1-3 Copied from Schedule E1-D.
Col. (2) Calculated as Col. (1) * On-Peak Multiplier
Col. (3) Calculated as Col. (1) * Off-Peak Multiplier
Line 4 Calculated as secondary rate 2.390 * (18.7% * On-Peak Multiplier 1.294 + 81.3% * Off-Peak Multiplier 0.840).

DEVELOPMENT OF TIME OF USE MULTIPLIERS

	ON-PEAK PERIOD			OFF-PEAK PERIOD			TOTAL		
Mo/Yr	System MWH Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System MWH Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System MWH Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)
04/97	843,647	22,272,281	2.640	1,669,358	33,420,547	2.002	2,513,005	55,692,828	2.216
05/97	1,111,155	30,556,763	2.750	1,936,946	36,240,260	1.871	3,048,101	66,797,023	2.191
06/97	1,189,855	39,312,609	3.304	2,147,280	44,319,859	2.064	3,337,135	83,632,668	2.506
07/97	1,264,791	45,115,095	3.567	2,337,656	52,620,637	2.251	3,602,447	97,735,732	2.713
08/97	1,287,286	47,797,003	3.713	2,357,550	53,327,781	2.262	3,644,836	101,124,784	2.774
09/97	1,211,035	41,296,294	3.410	2,227,247	49,578,518	2.226	3,438,282	90,874,812	2.643
TOTAL	6,907,771	226,350,245	3.277	12,676,037	269,507,602	2.126	19,583,808	495,857,847	2.532
MARGINAL FUEL COST			ON-PEAK			OFF-PEAK			AVERAGE
WEIGHTING MULTIPLIER			1.294			0.840			1.000

SCHEDULE E1-F

FLORIDA POWER CORPORATION
DEVELOPMENT OF JURISDICTIONAL DELIVERY LOSS MULTIPLIERS
BASED ON ACTUAL CALENDAR YEAR 1995 DATA
FOR THE PERIOD OF: APR-97 THROUGH SEP-97

Class Loads	(1) Energy Delivered Sales Mwh	(2) Energy Delivered Unbilled Mwh	(3) Energy Delivered Total Mwh	(4) % of Total	(5) Energy Required @ Source Delivery Efficiency	(6) Energy Required @ Source Mwh (3) / (5)	(7) Energy Required @ Source % of Total	(8) Jurisdictional Loss Multiplier
I. CLASS LOADS:								
A. RETAIL								
1. Transmission	807,005	6,748	813,753		0.9750000	834,618		
2. Distribution Primary	3,905,316	32,657	3,937,973		0.9650000	4,080,801		
3. Distribution Secondary	24,787,156	207,278	24,994,434		0.9419021	26,536,127		
Total Retail	29,499,477	246,683	29,746,160	96.33%	0.9457774	31,451,546	96.45%	1.0013
B. WHOLESALE								
1. Source Level	310,763	9,878	320,641		1.0000000	320,641		
2. Transmission	661,993	44,928	706,921		0.9750000	725,047		
3. Distribution Primary	98,806	7,823	106,629		0.9650000	110,496		
4. Distribution Secondary	0	0	0		0.9419021	0		
Total Wholesale	1,071,562	62,629	1,134,191	3.67%	0.9809779	1,156,184	3.55%	0.9654
Total Class Loads	30,571,039	309,312	30,880,351	100.00%	0.9470255	32,607,730	100.00%	1.0000
II. NON-CLASS LOADS								
1. Company Use	152,774	0	152,774		0.9419021	162,197		
2. Seminole Electric	672,040	91,064	763,104		1.0000000	763,104		
3. Kissimmee	41,915	194	42,109		0.9750000	43,189		
4. St. Cloud	42,008	2,125	44,133		0.9750000	45,265		
5. Interchange	1,056,702	0	1,056,702		0.9750000	1,083,797		
6. SEPA	18,894	(611)	18,283		1.0000000	18,283		
Total Non-Class Loads	1,984,333	92,772	2,077,105		0.9816952	2,115,835		
Total System	32,555,372	402,084	32,957,456		0.9491380	34,723,565		

SCHEDULE E2

FLORIDA POWER CORPORATION
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE
ESTIMATED FOR THE PERIOD OF: APRIL 1997 THROUGH SEPTEMBER 1997

	DESCRIPTION		Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	TOTAL
1	Fuel Cost of System Net Generation		$26,690,085	$35,137,900	$42,724,399	$48,048,693	$49,599,925	$45,995,431	$248,196,433
1a	Nuclear Fuel Disposal Cost		460,301	484,989	462,516	477,934	477,934	462,516	2,826,190
1b	Adjustments to Fuel Cost		89,387	187,193	284,393	282,588	280,784	278,977	1,403,322
2	Fuel Cost of Power Sold		(509,100)	(606,410)	(1,509,600)	(2,031,000)	(2,383,700)	(2,338,600)	(9,378,410)
2a	Fuel Cost of Stratified Sales		(1,275,375)	(336,625)	(198,450)	(1,534,855)	(2,725,542)	(2,945,400)	(9,016,247)
2b	Gains on Power Sales		(117,840)	(157,120)	(314,240)	(393,600)	(432,960)	(432,960)	(1,848,720)
3	Fuel Cost of Purchased Power		2,021,460	2,983,920	4,244,420	4,861,790	5,153,130	4,730,260	23,994,980
3a	Recov Non-Fuel Cost of Econ Purch		112,363	116,056	112,406	116,140	116,054	112,317	685,336
3b	Payments to Qualifying Facilities		13,156,571	13,473,441	13,403,641	14,055,551	14,095,331	13,569,751	81,754,286
4	Fuel Cost of Economy Purchases		2,599,729	3,059,398	3,533,297	3,894,532	3,852,515	3,351,726	20,291,197
5	Total Fuel & Net Power Transactions		$43,227,581	$54,342,742	$62,742,782	$67,777,773	$68,033,471	$62,784,018	$358,908,367
6	Adjusted System Sales	MWH	2,342,918	2,463,860	2,915,782	3,180,581	3,267,759	3,288,461	17,459,361
7	System Cost per KWH Sold	c/kwh	1.8451	2.2056	2.1518	2.1310	2.0819	1.9092	2.0556
7a	Jurisdictional Loss Multiplier	x	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013
7b	Jurisdictional Cost per KWH Sold	c/kwh	1.8474	2.2085	2.1546	2.1338	2.0847	1.9117	2.0584
8	Prior Period True-Up *	c/kwh	0.3982	0.3789	0.3219	0.2956	0.2880	0.2865	0.3225
8a	Market Price True-Up *	c/kwh	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	Total Jurisdictional Fuel Expense	c/kwh	2.2456	2.5873	2.4766	2.4294	2.3727	2.1982	2.3809
10	Revenue Tax Multiplier	x	1.00083	1.00083	1.00083	1.00083	1.00083	1.00083	1.00083
11	Fuel Cost Factor Adjusted for Taxes	c/kwh	2.2475	2.5895	2.4786	2.4314	2.3746	2.2001	2.3829
12	GPIF	c/kwh	0.0032	0.0030	0.0026	0.0024	0.0023	0.0023	0.0026
13	Total Fuel Cost Factor (rounded .001)	c/kwh	2.251	2.592	2.481	2.434	2.377	2.202	2.385

* Based on Jurisdictional Sales Only

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

			Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	TOTAL
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	HEAVY OIL		5,448,271	7,540,342	10,275,617	13,470,896	14,006,675	13,188,136	63,878,938
2	LIGHT OIL		875,854	1,061,423	1,556,827	1,923,943	3,099,560	2,151,660	10,669,258
3	COAL		16,067,908	22,593,640	26,108,113	27,039,820	27,464,360	25,718,229	144,908,999
4	GAS		2,342,396	1,800,278	2,742,064	3,515,422	2,888,687	2,898,628	16,087,485
5	NUCLEAR		1,794,032	1,791,493	1,795,053	1,791,888	1,791,888	1,795,053	10,429,409
6	OTHER		364,724	350,724	336,724	336,724	336,724	336,724	2,062,345
7	TOTAL	$	26,893,085	35,137,900	42,734,399	48,048,693	49,599,925	46,995,431	348,196,432
	SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL		183,087	270,844	369,257	516,214	533,997	507,277	2,408,656
9	LIGHT OIL		16,696	21,471	30,092	36,917	64,779	39,020	197,945
10	COAL		901,733	1,253,046	1,441,924	1,502,534	1,523,363	1,426,617	8,049,219
11	GAS		75,796	60,497	87,715	109,128	91,867	82,334	517,427
12	NUCLEAR		482,360	516,706	494,670	511,189	511,189	494,670	3,022,683
13	OTHER		0	0	0	0	0	0	0
14	TOTAL	MWH	1,669,662	2,132,565	2,443,658	2,674,982	2,715,295	2,569,918	14,196,910
	UNITS OF FUEL BURNED								
15	HEAVY OIL	BBL	297,291	438,777	606,346	794,841	815,817	768,649	3,702,291
16	LIGHT OIL	BBL	30,194	37,916	56,572	69,975	111,737	77,857	384,550
17	COAL	TON	344,399	477,222	544,918	567,604	575,131	538,436	3,047,700
18	GAS	MCF	796,679	606,330	904,647	1,205,037	1,044,019	1,047,363	6,794,074
19	NUCLEAR	MMBTU	5,163,736	5,428,767	5,166,829	5,339,006	5,339,006	5,166,829	31,604,269
20	OTHER	BBL	12,069	12,069	12,069	12,069	12,069	12,069	72,414
	BTUS BURNED (MMBTU)								
21	HEAVY OIL		1,902,277	2,806,178	3,828,778	5,021,060	5,219,312	4,919,361	23,696,966
22	LIGHT OIL		174,777	219,911	330,439	406,653	648,072	451,671	2,230,522
23	COAL		8,661,741	11,997,367	13,696,866	14,267,180	14,466,662	13,533,211	76,612,916
24	GAS		796,679	606,330	904,647	1,205,037	1,044,019	1,047,363	6,794,074
25	NUCLEAR		5,163,736	5,428,767	5,166,829	5,339,006	5,339,006	5,166,829	31,604,269
26	OTHER		70,000	70,000	70,000	70,000	70,000	70,000	420,000
27	TOTAL	MMBTU	16,769,209	21,190,647	24,087,557	26,309,186	26,777,010	25,188,334	140,360,932
	GENERATION MIX (% MWH)								
28	HEAVY OIL		10.97%	13.09%	15.09%	19.30%	19.67%	19.67%	16.97%
29	LIGHT OIL		1.00%	1.01%	1.23%	1.34%	2.02%	1.52%	1.39%
30	COAL		54.01%	58.78%	59.01%	56.17%	56.10%	55.73%	56.70%
31	GAS		4.54%	2.84%	3.59%	4.08%	3.39%	3.61%	3.65%
32	NUCLEAR		28.89%	24.22%	20.34%	19.11%	19.68%	19.32%	21.29%
33	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
35	HEAVY OIL	$/BBL	18.32	17.18	17.18	17.17	17.24	17.16	17.28
36	LIGHT OIL	$/BBL	29.07	27.99	27.33	27.49	27.74	27.64	27.74
37	COAL	$/TON	46.83	47.34	47.91	47.64	47.74	47.76	47.57
38	GAS	$/MCF	2.86	2.70	2.76	2.80	2.77	2.77	2.78
39	NUCLEAR	$/MMBTU	0.33	0.33	0.33	0.33	0.33	0.33	0.33
40	OTHER	$/BBL	30.22	29.06	27.90	27.90	27.90	27.90	28.48
	FUEL COST PER MMBTU ($/MMBTU)								
41	HEAVY OIL		2.86	2.69	2.69	2.69	2.69	2.68	2.70
42	LIGHT OIL		5.01	4.83	4.71	4.74	4.78	4.77	4.78
43	COAL		1.86	1.88	1.91	1.90	1.90	1.90	1.89
44	GAS		2.86	2.70	2.76	2.80	2.77	2.77	2.78
45	NUCLEAR		0.33	0.33	0.33	0.33	0.33	0.33	0.33
46	OTHER		5.21	5.01	4.81	4.81	4.81	4.81	4.91
47	TOTAL	$/MMBTU	1.60	1.66	1.77	1.82	1.85	1.83	1.77
	BTU BURNED PER KWH (BTU/KWH)								
48	HEAVY OIL		10,391	10,371	9,836	9,727	9,774	9,696	9,839
49	LIGHT OIL		10,497	10,342	10,991	11,300	11,691	11,573	11,269
50	COAL		9,606	9,575	9,499	9,496	9,499	9,488	9,518
51	GAS		10,379	11,014	11,340	11,501	11,363	11,343	11,199
52	NUCLEAR		10,499	10,466	10,445	10,445	10,445	10,445	10,456
53	OTHER		0	0	0	0	0	0	0
54	TOTAL	BTU/KWH	10,099	9,937	9,887	9,884	9,862	9,840	9,887
	GENERATED FUEL COST PER KWH (C/KWH)								
55	HEAVY OIL		2.97	2.78	2.64	2.61	2.63	2.60	2.65
56	LIGHT OIL		5.26	4.94	5.17	5.36	5.66	5.51	5.39
57	COAL		1.78	1.80	1.81	1.80	1.80	1.80	1.80
58	GAS		2.96	2.98	3.13	3.22	3.14	3.14	3.11
59	NUCLEAR		0.36	0.35	0.34	0.34	0.34	0.34	0.35
60	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	TOTAL	C/KWH	1.60	1.65	1.76	1.80	1.83	1.80	1.76

SCHEDULE E4

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE MONTH OF: Apr-97

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIVALENT AVAILABILITY FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (¢/KWH)
1	CRYS RIV NUC	3	767	492,300	89.1	89.2	100.0	10,489 NUCLEAR	5,163,735 MMBTU	1.00	5,163,735	1,704,032	0.35
2	ANCLOTE	1	517	91,928	28.5	81.6	58.4	10,124 HEAVY OIL	145,415 BBLS	6.40	930,659	2,671,282	2.91
3	ANCLOTE	1		6,815				10,124 LIGHT OIL	11,896 BBLS	5.80	68,995	344,975	5.06
4	ANCLOTE	2	517	69,021	20.6	66.7	37.9	10,812 HEAVY OIL	116,602 BBLS	6.40	746,255	2,141,985	3.10
5	ANCLOTE	2		7,658				10,812 LIGHT OIL	14,278 BBLS	5.80	82,796	413,991	5.41
6	BARTOW	1	117	2,628	3.3	63.2	85.3	10,540 HEAVY OIL	4,328 BBLS	6.40	27,699	77,558	2.95
7	BARTOW	1		167				10,540 LIGHT OIL	303 BBLS	5.80	1,760	9,083	5.44
8	BARTOW	2	119	3,068	4.7	66.4	85.1	10,730 HEAVY OIL	6,686 BBLS	6.40	42,791	119,815	3.90
9	BARTOW	2		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
10	BARTOW	3	213	15,348	40.6	95.5	68.6	8,982 HEAVY OIL	23,880 BBLS	6.40	152,897	428,111	2.79
11	BARTOW	3		48,648				10,320 GAS	483,471 MCF	1.00	483,471	1,160,331	2.48
12	CRYSTAL RIVER	1	373	201,644	75.2	91.4	79.9	9,939 COAL	79,529 TONS	25.20	2,004,140	3,394,313	1.68
13	CRYSTAL RIVER	1		218				9,939 LIGHT OIL	374 BBLS	5.80	2,167	10,834	4.97
14	CRYSTAL RIVER	2	489	247,891	73.7	74.9	99.7	9,777 COAL	98,215 TONS	25.20	2,474,608	4,108,439	1.66
15	CRYSTAL RIVER	2		785				9,777 LIGHT OIL	1,323 BBLS	5.80	7,675	38,375	4.89
16	CRYSTAL RIVER	4	717	452,098	87.6	94.7	91.2	9,383 COAL	168,645 TONS	25.10	4,232,894	6,557,056	1.69
17	CRYSTAL RIVER	4		378				9,383 LIGHT OIL	610 BBLS	5.80	3,539	17,696	4.68
18	CRYSTAL RIVER	5	717	0	0.0	0.0	0.0	0 COAL	0 TONS	25.10	0	0	0.00
19	CRYSTAL RIVER	5		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
20	SUWANNEE	1	34	67	0.8	100.0	91.5	13,241 HEAVY OIL	139 BBLS	6.40	887	2,928	4.37
21	SUWANNEE	1		129				13,718 GAS	1,770 MCF	1.00	1,770	4,247	3.29
22	SUWANNEE	2	33	31	0.8	100.0	95.2	13,039 HEAVY OIL	63 BBLS	6.40	404	1,334	4.30
23	SUWANNEE	2		170				13,503 GAS	2,298 MCF	1.00	2,298	5,511	3.24
24	SUWANNEE	3	80	58	1.2	100.0	83.0	11,301 HEAVY OIL	107 BBLS	6.40	684	2,259	3.89
25	SUWANNEE	3		608				12,228 GAS	7,409 MCF	1.00	7,409	17,781	2.93
26	AVON PARK	1-2	64	88	0.2	100.0	94.8	14,985 LIGHT OIL	227 BBLS	5.80	1,319	6,857	7.79
27	BARTOW	1-4	217	6	0.0	100.0	73.7	12,205 GAS	98 MCF	1.00	98	234	2.83
28	BAYBORO	1-4	232	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
29	DEBARY	1-10	788	141	0.0	100.0	74.7	12,220 LIGHT OIL	297 BBLS	5.80	1,723	9,084	6.43
30	HIGGINS	1-4	158	0	0.0	100.0	85.7	14,738 LIGHT OIL	0 BBLS	5.80	0	0	0.00
31	HIGGINS	1-4		383				0 GAS	0 MCF	1.00	0	0	0.00
32	INT CITY	1-10	750	21	1.1	99.9	66.8	12,438 LIGHT OIL	45 BBLS	5.80	261	1,358	6.47
33	INT CITY	1-10		5,930				12,308 GAS	72,975 MCF	1.00	72,975	175,139	2.95
34	INT CITY	11	165	290	0.2	100.0	73.2	11,190 LIGHT OIL	560 BBLS	5.80	3,245	16,875	5.82
35	PORT ST. JOE	1	18	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
36	RIO PINAR	1	18	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
37	SUWANNEE	1-3	201	105	0.1	100.0	92.2	12,331 LIGHT OIL	223 BBLS	5.80	1,295	6,748	6.42
38	TURNER	1-4	200	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
39	UNIV OF FLA.	1	42	21,742	71.9	96.0	74.9	10,057 GAS	218,659 MCF	1.00	218,659	312,743	1.44
40	OTHER - START UP		-	0	-	-	-	- LIGHT OIL	12,069 BBLS	5.80	70,000	384,724	0.00
41	OTHER - GAS TRANSP.		-	0	-	-	-	- GAS TRANSP	-	-	-	566,408	-
42	TOTAL		7,524	1,869,562			10,038				18,759,208	28,890,085	1.80

SCHEDULE E4

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE MONTH OF: May-97

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIVALENT AVAILABILITY FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (CAKWH)
1 CRYS RIV NUC	3	745	518,705	93.6	92.2	100.0	10,488 NUCLEAR	5,428,787 MMBTU	1.00	5,428,787	1,791,493	0.35
2 ANCLOTE	1	503	124,681	35.4	91.6	65.7	9,949 HEAVY OIL	193,789 BBLS	6.40	1,240,252	3,348,681	2.69
3 ANCLOTE	1		7,976				9,949 LIGHT OIL	13,682 BBLS	5.80	79,353	380,895	4.78
4 ANCLOTE	2	503	109,413	31.6	98.7	57.8	10,093 HEAVY OIL	172,548 BBLS	6.40	1,104,305	2,981,625	2.73
5 ANCLOTE	2		8,888				10,093 LIGHT OIL	15,467 BBLS	5.80	89,707	430,582	4.84
6 BARTOW	1	15	8,107	10.1	99.5	85.0	10,537 HEAVY OIL	13,347 BBLS	6.40	85,423	222,101	2.74
7 BARTOW	1		500				10,537 LIGHT OIL	909 BBLS	5.80	5,269	26,134	5.23
8 BARTOW	2	117	10,423	12.0	99.3	85.4	10,708 HEAVY OIL	17,439 BBLS	6.40	111,609	290,185	2.78
9 BARTOW	2		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
10 BARTOW	3	208	25,499	38.3	98.1	74.9	10,091 HEAVY OIL	40,205 BBLS	6.40	257,310	669,007	2.62
11 BARTOW	3		33,765				10,455 GAS	353,013 MCF	1.00	353,013	811,930	2.40
12 CRYSTAL RIVER	1	369	198,379	72.3	91.4	78.9	9,982 COAL	78,423 TONS	25.20	1,976,252	3,351,001	1.69
13 CRYSTAL RIVER	1		218				9,982 LIGHT OIL	374 BBLS	5.80	2,172	10,424	4.78
14 CRYSTAL RIVER	2	464	289,889	84.1	88.5	98.8	9,777 COAL	112,432 TONS	25.20	2,834,049	4,805,513	1.66
15 CRYSTAL RIVER	2		523				9,777 LIGHT OIL	882 BBLS	5.80	5,113	24,544	4.69
16 CRYSTAL RIVER	4	697	409,350	79.2	94.7	82.4	9,474 COAL	154,509 TONS	25.10	3,878,182	7,790,356	1.90
17 CRYSTAL RIVER	4		1,107				9,474 LIGHT OIL	1,808 BBLS	5.80	10,488	50,341	4.55
18 CRYSTAL RIVER	5	697	395,450	88.6	89.2	98.8	9,309 COAL	131,828 TONS	25.10	3,308,884	6,646,770	1.67
19 CRYSTAL RIVER	5		380				9,309 LIGHT OIL	610 BBLS	5.80	3,537	16,980	4.47
20 SUWANNEE	1	33	298	1.4	100.0	94.5	12,582 HEAVY OIL	588 BBLS	6.40	3,752	11,632	3.90
21 SUWANNEE	1		42				13,045 GAS	548 MCF	1.00	548	1,260	3.00
22 SUWANNEE	2	32	271	1.2	100.0	98.4	12,781 HEAVY OIL	541 BBLS	6.40	3,464	10,737	3.96
23 SUWANNEE	2		25				13,241 GAS	331 MCF	1.00	331	781	3.05
24 SUWANNEE	3	80	172	2.9	100.0	84.4	11,954 HEAVY OIL	321 BBLS	6.40	2,056	6,374	3.71
25 SUWANNEE	3		1,550				12,384 GAS	19,195 MCF	1.00	19,195	44,149	2.85
26 AVON PARK	1-2	58	154	0.4	100.0	94.8	15,391 LIGHT OIL	409 BBLS	5.80	2,370	11,851	7.70
27 BARTOW	1-4	187	1,232	0.9	100.0	93.8	13,515 GAS	16,650 MCF	1.00	16,650	38,296	3.11
28 BAYBORO	1-4	188	2	0.0	100.0	42.6	13,580 LIGHT OIL	5 BBLS	5.80	27	135	6.73
29 DEBARY	1-10	656	421	0.1	100.0	98.7	12,320 LIGHT OIL	894 BBLS	5.80	5,187	26,247	6.23
30 HIGGINS	1-4	128	148	0.6	100.0	97.7	15,844 LIGHT OIL	399 BBLS	5.80	2,313	11,311	7.75
31 HIGGINS	1-4		448				14,932 GAS	6,690 MCF	1.00	6,690	15,388	3.43
32 INT CITY	1-10	814	0	2.7	99.8	98.7	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
33 INT CITY	1-10		12,400				12,335 GAS	152,954 MCF	1.00	152,954	351,794	2.84
34 INT CITY	11	135	483	0.5	100.0	78.2	11,568 LIGHT OIL	923 BBLS	5.80	5,356	26,780	5.78
35 PORT ST. JOE	1	15	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
36 RIO PINAR	1	15	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
37 SUWANNEE	1-3	182	889	0.6	100.0	80.5	13,014 LIGHT OIL	1,548 BBLS	5.80	8,987	44,928	6.52
38 TURNER	1-4	180	4	0.0	100.0	75.0	13,022 LIGHT OIL	9 BBLS	5.80	52	264	6.60
39 UNIV OF FLA.	1	38	11,035	41.2	58.6	70.0	10,598 GAS	116,949 MCF	1.00	116,949	58,944	0.52
40 OTHER - START UP		-	0	-	-	-	- LIGHT OIL	12,069 BBLS	5.80	70,000	350,724	0.00
41 OTHER - GAS TRANSP.		-	0	-	-	-	- GAS TRANSP	-	-	-	479,758	-
42 TOTAL	6,917	2,132,585				9,937				21,190,547	35,137,900	1.65

SCHEDULE E4

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE MONTH OF: Jun-97

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIVALENT AVAILABILITY FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (¢/KWH)
1 CRYS RIV NUC	3	745	494,670	92.2	92.2	100.0	10,445 NUCLEAR	5,166,828 MMBTU	1.00	5,166,828	1,705,053	0.34
2 ANCLOTE	1	503	165,787	47.9	97.6	75.5	9,691 HEAVY OIL	251,038 BBLS	6.40	1,606,642	4,337,933	2.62
3 ANCLOTE	1		7,832				9,691 LIGHT OIL	13,066 BBLS	5.80	75,800	348,140	4.46
4 ANCLOTE	2	503	148,536	42.7	86.4	70.6	9,694 HEAVY OIL	221,956 BBLS	6.40	1,420,520	3,835,404	2.62
5 ANCLOTE	2		8,186				9,694 LIGHT OIL	13,682 BBLS	5.80	79,355	365,033	4.46
6 BARTOW	1	115	17,031	21.7	99.9	89.6	10,518 HEAVY OIL	27,989 BBLS	6.40	179,132	485,743	2.73
7 BARTOW	1		945				10,518 LIGHT OIL	1,714 BBLS	5.80	9,940	47,315	5.01
8 BARTOW	2	117	19,502	23.2	98.6	90.7	10,728 HEAVY OIL	32,690 BBLS	6.40	209,217	543,985	2.79
9 BARTOW	2		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
10 BARTOW	3	208	37,553	40.5	88.1	79.6	10,042 HEAVY OIL	58,923 BBLS	6.40	377,107	980,479	2.61
11 BARTOW	3		23,152				10,404 GAS	240,873 MCF	1.00	240,873	541,965	2.34
12 CRYSTAL RIVER	1	369	214,104	80.7	91.4	85.8	9,910 COAL	84,197 TONS	25.20	2,121,771	3,597,748	1.68
13 CRYSTAL RIVER	1		219				9,910 LIGHT OIL	374 BBLS	5.80	2,170	9,883	4.56
14 CRYSTAL RIVER	2	484	283,841	85.1	86.5	89.7	9,768 COAL	109,945 TONS	25.20	2,770,605	4,697,935	1.66
15 CRYSTAL RIVER	2		524				9,768 LIGHT OIL	882 BBLS	5.80	5,116	23,545	4.49
16 CRYSTAL RIVER	4	897	458,161	91.0	94.7	94.7	9,355 COAL	170,015 TONS	25.10	4,267,386	6,833,381	1.89
17 CRYSTAL RIVER	4		378				9,355 LIGHT OIL	610 BBLS	5.80	3,538	16,288	4.30
18 CRYSTAL RIVER	5	897	468,018	67.2	97.5	99.4	9,297 COAL	180,781 TONS	25.10	4,537,103	9,179,048	1.88
19 CRYSTAL RIVER	5		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
20 SUWANNEE	1	33	1,201	6.3	100.0	98.0	12,913 HEAVY OIL	2,423 BBLS	6.40	15,509	48,076	4.00
21 SUWANNEE	1		294				13,378 GAS	3,933 MCF	1.00	3,933	8,850	3.01
22 SUWANNEE	2	32	1,072	5.8	100.0	98.4	12,879 HEAVY OIL	2,157 BBLS	6.40	13,808	42,799	3.99
23 SUWANNEE	2		270				13,343 GAS	3,603 MCF	1.00	3,603	8,106	3.00
24 SUWANNEE	3	80	575	9.8	99.9	80.2	11,803 HEAVY OIL	1,069 BBLS	6.40	6,844	21,217	3.69
25 SUWANNEE	3		5,086				12,332 GAS	62,745 MCF	1.00	62,745	141,177	2.77
26 AVON PARK	1-2	58	814	1.9	99.9	98.0	15,388 LIGHT OIL	2,157 BBLS	5.80	12,508	60,338	7.38
27 BARTOW	1-4	167	4,472	3.3	99.9	98.1	13,486 GAS	60,220 MCF	1.00	60,220	135,495	3.03
28 BAYBORO	1-4	188	184	0.1	100.0	91.0	13,056 LIGHT OIL	414 BBLS	5.80	2,402	11,438	6.22
29 DEBARY	1-10	858	6,899	1.5	99.9	82.0	12,220 LIGHT OIL	14,748 BBLS	5.80	85,528	415,895	5.94
30 HIGGINS	1-4	128	783	3.2	99.8	100.0	15,779 LIGHT OIL	2,130 BBLS	5.80	12,355	57,940	7.40
31 HIGGINS	1-4		2,124				14,882 GAS	31,609 MCF	1.00	31,609	71,121	3.35
32 INT CITY	1-10	614	99	7.0	99.4	100.0	13,114 LIGHT OIL	224 BBLS	5.80	1,298	6,232	6.29
33 INT CITY	1-10		30,087				12,280 GAS	378,591 MCF	1.00	378,591	847,329	2.76
34 INT CITY	11	0	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
35 PORT ST. JOE	1	15	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
36 RIO PINAR	1	15	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
37 SUWANNEE	1-3	182	2,850	2.4	100.0	92.8	12,917 LIGHT OIL	6,147 BBLS	5.80	36,813	177,085	6.21
38 TURNER	1-4	160	279	0.2	100.0	72.7	12,597 LIGHT OIL	608 BBLS	5.80	3,515	17,118	6.14
39 UNIV OF FLA.	1	38	21,648	83.5	98.0	87.0	9,935 GAS	215,073 MCF	1.00	215,073	271,875	1.26
40 OTHER - START UP		-	0	-	-	-	- LIGHT OIL	12,069 BBLS	5.80	70,000	338,724	0.00
41 OTHER - GAS TRANSP.		-	0	-	-	-	- GAS TRANSP	-	-	-	718,148	-
42 TOTAL	8,762	2,443,658				9,857				24,087,557	42,724,399	1.75

SCHEDULE E4

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE MONTH OF: Jul-97

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIVALENT AVAILABILITY FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYS RIV NUC	3	745	511,159	92.2	92.2	100.0	10,445 NUCLEAR	5,339,058 MMBTU	1.00	5,339,058	1,781,888	0.34
2 ANCLOTE	1	503	210,328	58.1	97.3	79.8	9,560 HEAVY OIL	314,174 BBLS	6.40	2,010,717	5,428,935	2.58
3 ANCLOTE	1		7,217				9,560 LIGHT OIL	11,866 BBLS	5.80	68,995	317,375	4.40
4 ANCLOTE	2	503	187,758	52.2	95.9	75.8	9,516 HEAVY OIL	278,174 BBLS	6.40	1,766,715	4,824,130	2.57
5 ANCLOTE	2		7,813				9,516 LIGHT OIL	12,491 BBLS	5.80	72,445	333,248	4.38
6 BARTOW	1	115	28,346	34.6	98.3	88.1	10,432 HEAVY OIL	46,207 BBLS	6.40	295,728	788,888	2.71
7 BARTOW	1		1,234				10,432 LIGHT OIL	2,219 BBLS	5.80	12,873	61,280	4.97
8 BARTOW	2	117	34,308	39.4	97.7	92.5	10,553 HEAVY OIL	58,997 BBLS	6.40	382,031	941,281	2.74
9 BARTOW	2		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
10 BARTOW	3	208	49,705	40.1	82.8	85.7	9,820 HEAVY OIL	77,043 BBLS	6.40	493,074	1,281,991	2.58
11 BARTOW	3		24,709				10,277 GAS	253,934 MCF	1.00	253,934	571,352	2.31
12 CRYSTAL RIVER	1	369	227,668	83.0	91.4	88.3	9,897 COAL	89,422 TONS	25.20	2,253,428	3,818,309	1.68
13 CRYSTAL RIVER	1		219				9,897 LIGHT OIL	374 BBLS	5.80	2,167	9,870	4.55
14 CRYSTAL RIVER	2	464	293,249	85.1	88.5	89.7	9,768 COAL	113,089 TONS	25.20	2,864,456	4,853,682	1.66
15 CRYSTAL RIVER	2		524				9,768 LIGHT OIL	882 BBLS	5.80	5,118	23,545	4.49
16 CRYSTAL RIVER	4	697	477,312	92.1	94.7	95.9	9,348 COAL	177,727 TONS	25.10	4,460,958	8,955,884	1.88
17 CRYSTAL RIVER	4		378				9,348 LIGHT OIL	609 BBLS	5.80	3,533	16,251	4.30
18 CRYSTAL RIVER	5	697	504,285	97.2	97.5	99.4	9,297 COAL	188,788 TONS	25.10	4,698,338	9,412,185	1.87
19 CRYSTAL RIVER	5		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
20 SUWANNEE	1	33	2,485	10.7	99.9	98.3	12,850 HEAVY OIL	4,989 BBLS	6.40	31,932	98,990	3.98
21 SUWANNEE	1		147				13,312 GAS	1,957 MCF	1.00	1,957	4,403	3.00
22 SUWANNEE	2	32	1,995	8.6	99.9	95.9	12,912 HEAVY OIL	3,964 BBLS	6.40	25,372	78,653	4.00
23 SUWANNEE	2		89				13,377 GAS	1,191 MCF	1.00	1,191	2,679	3.01
24 SUWANNEE	3	80	1,320	23.7	99.8	90.5	11,737 HEAVY OIL	2,421 BBLS	6.40	15,493	48,028	3.64
25 SUWANNEE	3		12,783				12,160 GAS	155,198 MCF	1.00	155,198	348,196	2.74
26 AVON PARK	1-2	58	1,229	2.8	99.8	98.3	15,371 LIGHT OIL	3,257 BBLS	5.80	18,891	90,877	7.38
27 BARTOW	1-4	187	7,030	5.1	99.9	98.8	13,449 GAS	94,548 MCF	1.00	94,548	212,730	3.03
28 BAYBORO	1-4	188	319	0.2	100.0	91.7	13,051 LIGHT OIL	718 BBLS	5.80	4,163	19,810	6.21
29 DEBARY	1-10	656	10,887	2.2	99.9	92.3	12,240 LIGHT OIL	22,975 BBLS	5.80	133,257	647,874	5.95
30 HIGGINS	1-4	128	1,187	4.7	99.6	99.4	15,771 LIGHT OIL	3,228 BBLS	5.80	18,720	87,791	7.40
31 HIGGINS	1-4		3,332				14,914 GAS	49,693 MCF	1.00	49,693	111,810	3.36
32 INT CITY	1-10	614	209	8.6	99.3	99.6	13,078 LIGHT OIL	471 BBLS	5.80	2,733	13,120	6.28
33 INT CITY	1-10		38,880				12,282 GAS	477,913 MCF	1.00	477,913	1,075,304	2.77
34 INT CITY	11	0	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
35 PORT ST. JOE	1	15	1	0.0	100.0	88.7	18,396 LIGHT OIL	3 BBLS	5.80	16	79	7.93
36 RIO PINAR	1	15	1	0.0	100.0	88.7	18,098 LIGHT OIL	3 BBLS	5.80	16	78	7.78
37 SUWANNEE	1-3	162	4,440	3.7	100.0	94.2	12,871 LIGHT OIL	9,853 BBLS	5.80	57,147	274,898	6.19
38 TURNER	1-4	160	459	0.4	100.0	95.6	12,588 LIGHT OIL	998 BBLS	5.80	5,777	28,138	6.13
39 UNIV OF FLA.	1	39	22,178	82.8	98.0	88.3	9,947 GAS	220,605 MCF	1.00	220,605	284,321	1.28
40 OTHER - START UP		-	0	-	-	-	- LIGHT OIL	12,069 BBLS	5.80	70,000	338,724	0.00
41 OTHER - GAS TRANSP.		-	0	-	-	-	- GAS TRANSP	-	-	-	903,627	-
42 TOTAL	6,782	2,674,952				9,854				28,358,185	48,048,693	1.80

SCHEDULE E4

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE MONTH OF: Aug-97

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIVALENT AVAILABILITY FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYS RIV NUC	3	745	511,119	92.2	92.2	100.0	10,445 NUCLEAR	5,339,056 MMBTU	1.00	5,339,056	1,781,888	0.34
2 ANCLOTE	1	503	211,097	58.3	97.2	77.8	9,570 HEAVY OIL	315,656 BBLS	6.40	2,020,198	5,454,535	2.58
3 ANCLOTE	1		7,210				9,570 LIGHT OIL	11,897 BBLS	5.80	69,000	317,399	4.40
4 ANCLOTE	2	503	189,589	52.7	95.8	75.1	9,515 HEAVY OIL	281,876 BBLS	6.40	1,804,006	4,870,818	2.57
5 ANCLOTE	2		7,814				9,515 LIGHT OIL	12,491 BBLS	5.80	72,447	333,257	4.36
6 BARTOW	1	115	27,017	33.0	98.5	90.2	10,398 HEAVY OIL	43,894 BBLS	6.40	280,923	730,399	2.70
7 BARTOW	1		1,182				10,398 LIGHT OIL	2,119 BBLS	5.80	12,290	56,507	4.95
8 BARTOW	2	117	31,057	35.7	97.9	89.0	10,812 HEAVY OIL	51,498 BBLS	6.40	329,577	856,900	2.76
9 BARTOW	2		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
10 BARTOW	3	208	57,815	52.9	95.0	81.5	9,937 HEAVY OIL	89,456 BBLS	6.40	572,520	1,486,553	2.58
11 BARTOW	3		24,301				10,295 GAS	250,179 MCF	1.00	250,179	562,902	2.32
12 CRYSTAL RIVER	1	369	239,482	87.3	91.4	82.9	9,875 COAL	93,845 TONS	25.20	2,364,885	4,007,166	1.67
13 CRYSTAL RIVER	1		220				9,875 LIGHT OIL	375 BBLS	5.80	2,173	9,994	4.54
14 CRYSTAL RIVER	2	464	293,456	85.2	88.5	89.8	9,767 COAL	113,737 TONS	25.20	2,866,185	4,856,591	1.65
15 CRYSTAL RIVER	2		524				9,767 LIGHT OIL	882 BBLS	5.80	5,116	23,542	4.49
16 CRYSTAL RIVER	4	697	466,140	93.8	94.7	97.8	9,333 COAL	180,783 TONS	25.10	4,537,145	9,142,979	1.96
17 CRYSTAL RIVER	4		379				9,333 LIGHT OIL	610 BBLS	5.80	3,537	16,271	4.29
18 CRYSTAL RIVER	5	697	504,285	97.2	97.5	99.4	9,297 COAL	188,788 TONS	25.10	4,888,338	9,447,654	1.87
19 CRYSTAL RIVER	5		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
20 SUWANNEE	1	33	2,521	10.9	99.9	97.2	12,828 HEAVY OIL	5,053 BBLS	6.40	32,339	100,252	3.98
21 SUWANNEE	1		160				13,290 GAS	2,126 MCF	1.00	2,126	4,784	2.99
22 SUWANNEE	2	32	1,976	8.7	88.8	97.1	12,895 HEAVY OIL	3,981 BBLS	6.40	25,481	78,990	4.00
23 SUWANNEE	2		99				13,359 GAS	1,323 MCF	1.00	1,323	2,978	3.01
24 SUWANNEE	3	80	13,118	22.0	99.8	91.7	11,760 HEAVY OIL	24,104 BBLS	6.40	154,268	478,230	3.65
25 SUWANNEE	3		0				0 GAS	0 MCF	1.00	0	0	0.00
26 AVON PARK	1-2	58	1,345	3.1	99.8	97.0	15,357 LIGHT OIL	3,561 BBLS	5.80	20,655	99,145	7.37
27 BARTOW	1-4	187	6,729	4.8	99.9	97.8	13,431 GAS	90,377 MCF	1.00	90,377	203,349	3.02
28 BAYBORO	1-4	103	800	0.8	100.0	93.0	13,030 LIGHT OIL	1,797 BBLS	5.80	10,424	49,822	6.20
29 DEBARY	1-10	656	27,560	5.6	99.8	100.0	12,576 LIGHT OIL	59,758 BBLS	5.80	346,595	1,664,569	6.11
30 HIGGINS	1-4	128	1,334	5.1	99.8	100.0	15,761 LIGHT OIL	3,625 BBLS	5.80	21,025	98,601	7.39
31 HIGGINS	1-4		3,499				14,882 GAS	52,072 MCF	1.00	52,072	117,162	3.35
32 INT CITY	1-10	614	831	7.7	99.5	98.8	13,085 LIGHT OIL	1,421 BBLS	5.80	8,244	39,571	6.27
33 INT CITY	1-10		34,429				12,298 GAS	423,339 MCF	1.00	423,339	952,513	2.77
34 INT CITY	11	0	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
35 PORT ST. JOE	1	15	7	0.1	100.0	93.3	16,457 LIGHT OIL	20 BBLS	5.80	115	556	7.98
36 RIO PINAR	1	15	7	0.1	100.0	93.3	16,095 LIGHT OIL	19 BBLS	5.80	113	543	7.76
37 SUWANNEE	1-3	182	4,956	4.1	100.0	94.5	12,834 LIGHT OIL	10,988 BBLS	5.80	63,605	305,983	6.17
38 TURNER	1-4	180	1,010	0.8	100.0	99.7	12,605 LIGHT OIL	2,195 BBLS	5.80	12,731	62,009	6.14
39 UNIV OF FLA.	1	38	22,740	84.9	96.0	88.4	9,877 GAS	224,603 MCF	1.00	224,603	293,318	1.29
40 OTHER - START UP		-	0	-	-	-	- LIGHT OIL	12,069 BBLS	5.80	70,000	338,724	0.00
41 OTHER - GAS TRANSP.		-	0	-	-	-	- GAS TRANSP	-	-	-	751,694	-
42 TOTAL	6,762	2,715,255				9,862				28,777,010	49,599,925	1.83

SCHEDULE E4

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE MONTH OF: Sep-97

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIVALENT AVAILABILITY FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYS RIV NUC	3	745	494,670	92.2	92.2	100.0	10,445 NUCLEAR	5,166,828 MMBTU	1.00	5,166,828	1,705,053	0.34
2 ANCLOTE	1	503	205,187	58.5	97.3	79.4	9,548 HEAVY OIL	308,084 BBLS	6.40	1,958,935	5,289,123	2.58
3 ANCLOTE	1		6,866				9,548 LIGHT OIL	11,303 BBLS	5.80	65,557	301,560	4.39
4 ANCLOTE	2	503	187,803	53.8	95.8	77.1	9,484 HEAVY OIL	278,004 BBLS	6.40	1,779,227	4,803,913	2.56
5 ANCLOTE	2		7,275				9,484 LIGHT OIL	11,898 BBLS	5.80	68,998	317,382	4.36
6 BARTOW	1	115	28,185	31.6	95.6	90.1	10,407 HEAVY OIL	42,547 BBLS	6.40	272,299	707,978	2.71
7 BARTOW	1		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
8 BARTOW	2	117	28,105	33.4	97.9	85.3	10,089 HEAVY OIL	46,852 BBLS	6.40	299,852	779,616	2.77
9 BARTOW	2		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
10 BARTOW	3	208	58,424	53.2	95.0	81.6	9,843 HEAVY OIL	87,080 BBLS	6.40	561,024	1,458,662	2.59
11 BARTOW	3		23,250				10,301 GAS	239,498 MCF	1.00	239,498	536,871	2.32
12 CRYSTAL RIVER	1	369	180,983	72.0	79.2	88.3	9,899 COAL	75,014 TONS	25.20	1,890,343	3,211,332	1.68
13 CRYSTAL RIVER	1		219				9,899 LIGHT OIL	374 BBLS	5.80	2,168	9,972	4.55
14 CRYSTAL RIVER	2	484	283,768	85.1	29.2	99.7	9,768 COAL	109,994 TONS	25.20	2,771,848	4,708,838	1.66
15 CRYSTAL RIVER	2		524				9,768 LIGHT OIL	882 BBLS	5.80	5,118	23,545	4.49
16 CRYSTAL RIVER	4	697	483,868	92.5	94.7	98.3	9,343 COAL	172,888 TONS	25.10	4,333,919	8,693,737	1.87
17 CRYSTAL RIVER	4		378				9,343 LIGHT OIL	609 BBLS	5.80	3,532	16,248	4.30
18 CRYSTAL RIVER	5	697	488,018	97.2	97.5	99.4	9,207 COAL	180,781 TONS	25.10	4,537,103	9,101,321	1.86
19 CRYSTAL RIVER	5		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
20 SUWANNEE	1	33	1,330	8.6	84.3	95.9	12,891 HEAVY OIL	2,679 BBLS	6.40	17,145	53,150	4.00
21 SUWANNEE	1		705				13,355 GAS	9,415 MCF	1.00	9,415	21,184	3.00
22 SUWANNEE	2	32	1,388	8.0	59.5	98.3	12,898 HEAVY OIL	2,793 BBLS	6.40	17,877	55,418	4.00
23 SUWANNEE	2		448				13,382 GAS	5,988 MCF	1.00	5,988	13,469	3.01
24 SUWANNEE	3	80	1,097	18.3	99.8	93.2	11,844 HEAVY OIL	2,030 BBLS	6.40	12,993	40,278	3.67
25 SUWANNEE	3		10,194				12,270 GAS	125,080 MCF	1.00	125,080	261,431	2.76
26 AVON PARK	1-2	59	855	2.0	99.9	95.7	15,387 LIGHT OIL	2,215 BBLS	5.80	12,848	61,871	7.39
27 BARTOW	1-4	187	4,856	3.8	99.9	97.1	13,438 GAS	65,282 MCF	1.00	65,282	148,884	3.02
28 BAYBORO	1-4	188	228	0.2	100.0	82.5	13,035 LIGHT OIL	508 BBLS	5.80	2,948	14,024	6.21
29 DEBARY	1-10	656	18,313	3.9	99.7	99.7	12,851 LIGHT OIL	39,944 BBLS	5.80	231,678	1,128,034	6.15
30 HIGGINS	1-4	128	788	3.4	99.9	99.2	15,800 LIGHT OIL	2,168 BBLS	5.80	12,577	58,981	7.41
31 HIGGINS	1-4		2,327				14,907 GAS	34,689 MCF	1.00	34,689	78,049	3.35
32 INT CITY	1-10	614	133	0.4	99.5	99.0	13,157 LIGHT OIL	302 BBLS	5.80	1,750	8,399	6.32
33 INT CITY	1-10		28,240				12,307 GAS	347,550 MCF	1.00	347,550	781,987	2.77
34 INT CITY	11	0	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
35 PORT ST. JOE	1	15	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
36 RIO PINAR	1	15	0	0.0	0.0	0.0	0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
37 SUWANNEE	1-3	162	3,117	2.7	100.0	93.9	12,875 LIGHT OIL	6,919 BBLS	5.80	40,131	193,048	6.19
38 TURNER	1-4	160	338	0.3	100.0	70.4	12,635 LIGHT OIL	736 BBLS	5.80	4,271	20,801	6.15
39 UNIV OF FLA.	1	38	22,312	86.1	98.0	89.7	9,854 GAS	219,862 MCF	1.00	219,862	282,652	1.27
40 OTHER - START UP		-	0	-	-	-	- LIGHT OIL	12,069 BBLS	5.80	70,000	338,724	0.00
41 OTHER - GAS TRANSP.		-	0	-	-	-	- GAS TRANSP	-	-	-	754,101	-
42 TOTAL	6,782	2,559,918				9,840				25,188,324	49,995,431	1.80

SCHEDULE E4

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD OF: Apr-97 THROUGH Sep-97

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIVALENT AVAILABILITY FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYS RIV NUC	3	749	3,022,663	91.9	91.7	100.0	10,456 NUCLEAR	31,604,269 MMBTU	1.00	31,604,269	10,429,409	0.35
2 ANCLOTE	1	505	1,008,964	47.4	93.8	73.6	9,681 HEAVY OIL	1,528,157 BBLS	6.40	9,787,402	28,530,489	2.83
3 ANCLOTE	1		43,916				9,741 LIGHT OIL	73,758 BBLS	5.80	427,799	2,011,344	4.58
4 ANCLOTE	2	505	889,928	42.2	90.2	68.9	9,710 HEAVY OIL	1,350,161 BBLS	6.40	8,641,028	23,457,872	2.64
5 ANCLOTE	2		47,234				9,880 LIGHT OIL	80,301 BBLS	5.80	465,749	2,193,504	4.64
6 BARTOW	1	115	109,298	22.4	92.5	68.3	10,441 HEAVY OIL	178,313 BBLS	6.40	1,141,203	2,972,887	2.72
7 BARTOW	1		4,128				10,480 LIGHT OIL	7,204 BBLS	5.80	42,132	202,319	5.02
8 BARTOW	2	117	127,381	24.7	88.3	68.7	10,638 HEAVY OIL	211,731 BBLS	6.40	1,355,079	3,531,782	2.77
9 BARTOW	2		0				0 LIGHT OIL	0 BBLS	5.80	0	0	0.00
10 BARTOW	3	209	242,144	45.6	91.8	78.7	9,989 HEAVY OIL	377,177 BBLS	6.40	2,413,932	6,308,603	2.60
11 BARTOW	3		178,025				10,345 GAS	1,820,989 MCF	1.00	1,820,989	4,167,352	2.34
12 CRYSTAL RIVER	1	370	1,272,260	78.4	89.4	85.3	9,912 COAL	500,429 TONS	25.20	12,610,818	21,378,089	1.68
13 CRYSTAL RIVER	1		1,313				9,014 LIGHT OIL	2,244 BBLS	5.80	13,017	91,177	4.66
14 CRYSTAL RIVER	2	486	1,691,974	83.0	75.0	89.5	9,771 COAL	656,022 TONS	25.20	16,531,749	28,028,978	1.66
15 CRYSTAL RIVER	2		3,404				9,771 LIGHT OIL	5,735 BBLS	5.80	33,282	157,098	4.62
16 CRYSTAL RIVER	4	700	2,744,929	89.3	94.7	93.0	9,367 COAL	1,024,326 TONS	25.10	25,710,583	51,773,193	1.89
17 CRYSTAL RIVER	4		2,998				9,395 LIGHT OIL	4,856 BBLS	5.80	28,165	133,071	4.44
18 CRYSTAL RIVER	5	700	2,340,056	76.1	76.5	88.8	9,299 COAL	868,923 TONS	25.10	21,759,768	43,786,958	1.87
19 CRYSTAL RIVER	5		390				9,309 LIGHT OIL	610 BBLS	5.80	3,537	16,990	4.47
20 SUWANNEE	1	33	7,902	6.4	94.0	85.3	12,853 HEAVY OIL	15,889 BBLS	6.40	101,585	315,028	3.99
21 SUWANNEE	1		1,477				13,371 GAS	19,749 MCF	1.00	19,749	44,728	3.03
22 SUWANNEE	2	32	6,701	5.8	67.7	95.5	12,894 HEAVY OIL	13,501 BBLS	6.40	86,403	267,931	4.00
23 SUWANNEE	2		1,101				13,378 GAS	14,729 MCF	1.00	14,729	33,502	3.04
24 SUWANNEE	3	80	18,340	13.2	99.9	91.1	11,771 HEAVY OIL	30,053 BBLS	6.40	192,338	596,385	3.25
25 SUWANNEE	3		30,201				12,239 GAS	369,628 MCF	1.00	369,628	833,734	2.76
26 AVON PARK	1-2	59	4,485	1.7	99.9	47.5	15,382 LIGHT OIL	11,826 BBLS	5.80	68,591	330,239	7.40
27 BARTOW	1-4	182	24,329	2.9	99.9	91.9	13,446 GAS	327,174 MCF	1.00	327,174	736,668	3.03
28 BAYBORO	1-4	185	1,531	0.2	83.3	77.7	13,039 LIGHT OIL	3,442 BBLS	5.80	19,983	95,034	6.21
29 DEBARY	1-10	678	84,321	2.2	99.9	94.5	12,499 LIGHT OIL	138,015 BBLS	5.80	803,967	3,809,282	6.08
30 HIGGINS	1-4	133	4,248	2.8	99.8	48.1	15,777 LIGHT OIL	11,550 BBLS	5.80	66,990	314,624	7.41
31 HIGGINS	1-4		12,093				14,451 GAS	174,753 MCF	1.00	174,753	393,529	3.25
32 INT CITY	1-10	837	1,093	5.4	99.8	88.4	13,070 LIGHT OIL	2,483 BBLS	5.80	14,287	88,681	8.28
33 INT CITY	1-10		150,568				12,297 GAS	1,851,321 MCF	1.00	1,851,321	4,184,088	2.78
34 INT CITY	11	50	753	0.3	33.3	218.3	11,422 LIGHT OIL	1,483 BBLS	5.80	8,601	43,654	5.80
35 PORT ST. JOE	1	18	8	0.0	33.3	88.0	16,449 LIGHT OIL	23 BBLS	5.80	132	637	7.96
36 RIO PINAR	1	18	8	0.0	33.3	88.0	16,095 LIGHT OIL	22 BBLS	5.80	129	621	7.76
37 SUWANNEE	1-3	169	16,157	2.2	100.0	90.3	12,871 LIGHT OIL	35,855 BBLS	5.80	207,959	1,002,885	6.21
38 TURNER	1-4	167	2,090	0.3	83.3	80.8	12,805 LIGHT OIL	4,542 BBLS	5.80	26,345	128,330	6.14
39 UNIV OF FLA.	1	37	121,855	74.9	89.8	83.5	9,993 GAS	1,215,751 MCF	1.00	1,215,751	1,501,852	1.23
40 OTHER - START UP		-	0	-	-	-	- LIGHT OIL	72,414 BBLS	5.80	420,000	2,082,345	0.00
41 OTHER - GAS TRANSP.		-	0	-	-	-	- GAS TRANSP	-	-	-	4,171,733	-
42 TOTAL	6,929	14,195,910				9,887				140,360,832	248,198,432	1.75

FLORIDA POWER CORPORATION
INVENTORY ANALYSIS
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

	HEAVY OIL		Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	TOTAL
1	PURCHASES:								
2	UNITS	BBL	297,231	438,777	599,246	784,541	815,817	766,649	3,702,961
3	UNIT COST	$/BBL	18.37	17.29	17.29	17.29	17.29	17.29	17.37
4	AMOUNT	$	5,460,129	7,582,068	10,337,690	13,556,861	14,092,142	13,262,348	64,311,146
5	BURNED:								
6	UNITS	BBL	297,231	438,777	599,246	784,541	815,817	768,649	3,702,961
7	UNIT COST	$/BBL	18.32	17.18	17.18	17.17	17.24	17.16	17.28
8	AMOUNT	$	5,446,271	7,540,342	10,275,617	13,470,896	14,058,675	13,188,136	63,979,938
9	ENDING INVENTORY:								
10	UNITS	BBL	480,000	480,000	480,000	480,000	480,000	480,000	
11	UNIT COST	$/BBL	18.32	17.52	17.52	17.37	17.31	17.29	
12	AMOUNT	$	8,793,800	8,565,189	8,410,499	8,338,469	8,310,728	8,300,677	
13	DAYS SUPPLY:		48	34	24	19	18	19	
	LIGHT OIL								
14	PURCHASES:								
15	UNITS	BBL	30,134	37,916	56,972	69,975	111,737	77,667	384,500
16	UNIT COST	$/BBL	30.25	29.09	27.93	27.93	27.93	27.93	28.23
17	AMOUNT	$	911,653	1,102,965	1,591,233	1,954,391	3,120,802	2,174,549	10,855,494
18	BURNED:								
19	UNITS	BBL	30,134	37,916	56,972	69,975	111,737	77,667	384,500
20	UNIT COST	$/BBL	29.97	27.90	27.53	27.49	27.74	27.84	27.74
21	AMOUNT	$	575,884	1,061,423	1,568,827	1,923,543	3,099,560	2,161,560	10,668,298
22	ENDING INVENTORY:								
23	UNITS	BBL	266,644	266,644	266,644	266,644	266,644	266,644	
24	UNIT COST	$/BBL	29.07	29.07	29.09	29.09	29.09	29.36	
25	AMOUNT	$	8,269,422	8,269,349	8,346,189	8,192,881	8,131,656	8,096,145	
26	DAYS SUPPLY:		284	233	160	127	79	110	
	COAL								
27	PURCHASES:								
28	UNITS	TON	462,000	487,000	481,000	477,000	462,000	462,000	2,791,000
29	UNIT COST	$/TON	47.12	47.53	47.34	47.38	47.88	48.18	47.73
30	AMOUNT	$	21,296,340	23,289,310	21,305,940	22,596,460	21,696,560	22,259,160	132,729,270
31	BURNED:								
32	UNITS	TON	344,269	477,222	544,918	667,604	575,131	538,456	3,047,700
33	UNIT COST	$/TON	46.63	47.34	47.91	47.64	47.74	47.76	47.57
34	AMOUNT	$	16,057,809	22,593,640	26,108,113	27,039,820	27,464,360	25,715,229	144,968,899
35	ENDING INVENTORY:								
36	UNITS	TON	478,000	484,778	393,859	300,255	177,124	100,659	
37	UNIT COST	$/TON	46.63	47.34	47.34	47.65	47.65	46.09	
38	AMOUNT	$	22,147,778	22,899,940	18,663,379	14,305,882	8,474,769	4,641,887	
39	DAYS SUPPLY:		32	31	26	20	12	7	
	GAS								
40	BURNED:								
41	UNITS	MCF	786,679	666,330	994,647	1,266,027	1,044,019	1,047,363	5,794,074
42	UNIT COST	$/MCF	2.69	2.70	2.76	2.69	2.77	2.77	2.76
43	AMOUNT	$	2,342,586	1,800,279	2,742,084	3,415,422	2,898,697	2,899,629	16,097,466
	NUCLEAR								
44	BURNED:								
45	UNITS	MMBTU	6,163,786	6,429,767	6,166,629	6,399,666	6,399,666	6,166,629	31,804,369
46	UNIT COST	$/MMBTU	0.33	0.33	0.33	0.33	0.33	0.33	0.33
47	AMOUNT	$	1,704,032	1,791,466	1,705,053	1,791,866	1,791,866	1,705,053	10,429,469

FLORIDA POWER CORPORATION
FUEL COST OF POWER SOLD
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
						C/KWH				
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	REFUNDABLE GAIN ON POWER SALES $
Apr-97	ECONSALE	C	30,000,000		30,000,000	1.697	2.188	509,100	656,400	117,840
	SALE D	D	0		0	0.000	0.000	0	0	0
	SALE F	F	0		0	0.000	0.000	0	0	0
	SALE OTHER	–	0		0	0.000	0.000	0	0	0
	STRATIFIED	–	51,015,000		51,015,000	2.500	2.500	1,275,375	1,275,375	0
	TOTAL		81,015,000		81,015,000	2.203	2.384	1,784,475	1,931,775	117,840
May-97	ECONSALE	C	40,000,000		40,000,000	1.516	2.007	606,410	802,810	157,120
	SALE D	D	0		0	0.000	0.000	0	0	0
	SALE F	F	0		0	0.000	0.000	0	0	0
	SALE OTHER	–	0		0	0.000	0.000	0	0	0
	STRATIFIED	–	13,465,000		13,465,000	2.500	2.500	336,625	336,625	0
	TOTAL		53,465,000		53,465,000	1.764	2.131	943,035	1,139,435	157,120
Jun-97	ECONSALE	C	80,000,000		80,000,000	1.887	2.378	1,509,600	1,902,400	314,240
	SALE D	D	0		0	0.000	0.000	0	0	0
	SALE F	F	0		0	0.000	0.000	0	0	0
	SALE OTHER	–	0		0	0.000	0.000	0	0	0
	STRATIFIED	–	5,670,000		5,670,000	3.500	3.500	198,450	198,450	0
	TOTAL		85,670,000		85,670,000	1.994	2.452	1,708,050	2,100,850	314,240
Jul-97	ECONSALE	C	100,000,000		100,000,000	2.031	2.523	2,031,000	2,523,000	393,600
	SALE D	D	0		0	0.000	0.000	0	0	0
	SALE F	F	0		0	0.000	0.000	0	0	0
	SALE OTHER	–	0		0	0.000	0.000	0	0	0
	STRATIFIED	–	43,653,000		43,653,000	3.500	3.500	1,534,855	1,534,855	0
	TOTAL		143,653,000		143,653,000	2.479	2.821	3,565,855	4,057,855	393,600
Aug-97	ECONSALE	C	110,000,000		110,000,000	2.167	2.659	2,383,700	2,924,900	432,960
	SALE D	D	0		0	0.000	0.000	0	0	0
	SALE F	F	0		0	0.000	0.000	0	0	0
	SALE OTHER	–	0		0	0.000	0.000	0	0	0
	STRATIFIED	–	100,946,000		100,946,000	2.700	2.700	2,725,542	2,725,542	0
	TOTAL		210,946,000		210,946,000	2.422	2.679	5,109,242	5,650,442	432,960
Sep-97	ECONSALE	C	110,000,000		110,000,000	2.126	2.618	2,338,600	2,879,800	432,960
	SALE D	D	0		0	0.000	0.000	0	0	0
	SALE F	F	0		0	0.000	0.000	0	0	0
	SALE OTHER	–	0		0	0.000	0.000	0	0	0
	STRATIFIED	–	117,816,000		117,816,000	2.500	2.500	2,945,400	2,945,400	0
	TOTAL		227,816,000		227,816,000	2.319	2.557	5,284,000	5,825,200	432,960
Apr-97	ECONSALE	C	470,000,000		470,000,000	1.995	2.487	9,378,410	11,689,310	1,848,720
THRU	SALE D	D	0		0	0.000	0.000	0	0	0
Sep-97	SALE F	F	0		0	0.000	0.000	0	0	0
	SALE OTHER	–	0		0	0.000	0.000	0	0	0
	STRATIFIED	–	332,765,000		332,765,000	2.709	2.709	9,016,247	9,016,247	0
	TOTAL		802,765,000		802,765,000	2.291	2.579	18,394,657	20,705,557	1,848,720

FLORIDA POWER CORPORATION
PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGEN PURCHASES)
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Apr-97	EMERGENCY	A&B	0			0	0.000	0.000	0
	TECO	–	514,000			514,000	2.788	2.788	14,330
	UPS PURCHASE	UPS	106,225,000			106,225,000	1.890	1.890	2,007,130
	OTHER	–	0			0	0.000	0.000	0
	TOTAL		106,739,000	0	0	106,739,000	1.894	1.894	2,021,460
May-97	EMERGENCY	A&B	4,000			4,000	7.000	10.000	400
	TECO	–	1,333,000			1,333,000	2.790	2.790	37,190
	UPS PURCHASE	UPS	160,303,000			160,303,000	1.838	1.838	2,946,330
	OTHER	–	0			0	0.000	0.000	0
	TOTAL		161,640,000	0	0	161,640,000	1.846	1.846	2,983,920
Jun-97	EMERGENCY	A&B	249,000			249,000	7.059	10.064	25,110
	TECO	–	6,672,000			6,672,000	2.790	2.790	186,160
	UPS PURCHASE	UPS	213,338,000			213,338,000	1.890	1.890	4,033,150
	OTHER	–	0			0	0.000	0.000	0
	TOTAL		220,259,000	0	0	220,259,000	1.924	1.927	4,244,420
Jul-97	EMERGENCY	A&B	501,000			501,000	7.064	10.092	50,560
	TECO	–	10,235,000			10,235,000	2.790	2.790	285,560
	UPS PURCHASE	UPS	241,051,000			241,051,000	1.877	1.877	4,525,670
	OTHER	–	0			0	0.000	0.000	0
	TOTAL		251,787,000	0	0	251,787,000	1.925	1.931	4,861,790
Aug-97	EMERGENCY	A&B	1,419,000			1,419,000	7.069	10.099	143,300
	TECO	–	10,273,000			10,273,000	2.790	2.790	286,610
	UPS PURCHASE	UPS	251,647,000			251,647,000	1.877	1.877	4,723,220
	OTHER	–	0			0	0.000	0.000	0
	TOTAL		263,339,000	0	0	263,339,000	1.941	1.957	5,153,130
Sep-97	EMERGENCY	A&B	316,000			316,000	7.073	10.104	31,930
	TECO	–	9,125,000			9,125,000	2.790	2.790	254,590
	UPS PURCHASE	UPS	235,156,000			235,156,000	1.890	1.890	4,443,740
	OTHER	–	0			0	0.000	0.000	0
	TOTAL		244,597,000	0	0	244,597,000	1.930	1.934	4,730,260
Apr-97	EMERGENCY	A&B	2,469,000			2,469,000	7.067	10.096	251,300
THRU	TECO	–	38,152,000			38,152,000	2.790	2.790	1,064,440
Sep-97	UPS PURCHASE	UPS	1,207,720,000			1,207,720,000	1.878	1.878	22,679,240
	OTHER	–	0			0	0.000	0.000	0
	TOTAL		1,248,361,000	0	0	1,248,361,000	1.916	1.922	23,994,980

FLORIDA POWER CORPORATION
ENERGY PAYMENT TO QUALIFYING FACILITIES
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	C/KWH (A) ENERGY COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(A)
Apr-97	QUALIFYING FACILITIES	COGEN	639,736,000			639,736,000	2.057	5.590	13,156,571
	TOTAL		639,736,000	0	0	639,736,000	2.057	5.590	13,156,571
May-97	QUALIFYING FACILITIES	COGEN	661,059,000			661,059,000	2.038	5.458	13,473,441
	TOTAL		661,059,000	0	0	661,059,000	2.038	5.458	13,473,441
Jun-97	QUALIFYING FACILITIES	COGEN	637,528,000			637,528,000	2.102	5.648	13,403,641
	TOTAL		637,528,000	0	0	637,528,000	2.102	5.648	13,403,641
Jul-97	QUALIFYING FACILITIES	COGEN	658,778,000			658,778,000	2.134	5.565	14,055,551
	TOTAL		658,778,000	0	0	658,778,000	2.134	5.565	14,055,551
Aug-97	QUALIFYING FACILITIES	COGEN	658,778,000			658,778,000	2.140	5.571	14,095,331
	TOTAL		658,778,000	0	0	658,778,000	2.140	5.571	14,095,331
Sep-97	QUALIFYING FACILITIES	COGEN	637,528,000			637,528,000	2.128	5.674	13,569,751
	TOTAL		637,528,000	0	0	637,528,000	2.128	5.674	13,569,751
Apr-97 THRU Sep-97	QUALIFYING FACILITIES	COGEN	3,893,407,000			3,893,407,000	2.100	5.583	81,754,286
	TOTAL		3,893,407,000	0	0	3,893,407,000	2.100	5.583	81,754,286

SCHEDULE E9

FLORIDA POWER CORPORATION
ECONOMY ENERGY PURCHASES
ESTIMATED FOR THE PERIOD OF: APR-97 THROUGH SEP-97

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHEDULE	TOTAL KWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Apr-97	ECON PURCH	C	120,000,000	2.030	2.030	2,436,010	3.721	4,465,200	2,029,190
	OUC PURCH	J	3,065,000	1.750	5.416	53,640	2.725	83,521	29,881
	OTHER	--	3,930,000	2.801	2.801	110,079	2.801	110,079	0
	TOTAL		126,995,000	2.047	2.136	2,599,729	3.668	4,658,801	2,059,072
May-97	ECON PURCH	C	120,000,000	2.334	2.334	2,800,800	3.721	4,465,200	1,664,400
	OUC PURCH	J	6,900,000	1.750	3.054	155,750	2.954	262,906	107,156
	OTHER	--	3,930,000	2.617	2.617	102,848	2.617	102,848	0
	TOTAL		132,830,000	2.303	2.391	3,059,398	3.637	4,830,954	1,771,556
Jun-97	ECON PURCH	C	100,000,000	3.224	3.224	3,224,000	3.721	3,721,000	497,000
	OUC PURCH	J	11,795,000	1.750	2.703	206,410	3.191	376,378	169,968
	OTHER	--	3,930,000	2.618	2.618	102,887	2.618	102,887	0
	TOTAL		115,725,000	3.053	3.150	3,533,297	3.630	4,200,266	666,969
Jul-97	ECON PURCH	C	100,000,000	3.570	3.570	3,570,000	3.721	3,721,000	151,000
	OUC PURCH	J	12,679,000	1.750	2.666	221,680	3.416	433,115	211,235
	OTHER	--	3,930,000	2.612	2.612	102,652	2.612	102,652	(0)
	TOTAL		116,609,000	3.340	3.439	3,894,532	3.650	4,256,766	362,234
Aug-97	ECON PURCH	C	100,000,000	3.519	3.519	3,519,000	3.721	3,721,000	202,000
	OUC PURCH	J	13,203,000	1.750	2.629	231,060	3.396	448,374	217,314
	OTHER	--	3,930,000	2.607	2.607	102,455	2.607	102,455	0
	TOTAL		117,133,000	3.289	3.388	3,852,515	3.647	4,271,829	419,314
Sep-97	ECON PURCH	C	90,000,000	3.370	3.370	3,033,000	3.721	3,348,900	315,900
	OUC PURCH	J	12,329,000	1.750	2.661	215,760	3.235	398,843	183,083
	OTHER	--	3,930,000	2.620	2.620	102,966	2.620	102,966	0
	TOTAL		106,259,000	3.154	3.260	3,351,726	3.624	3,850,709	498,983
Apr-97	ECON PURCH	C	630,000,000	2.950	2.950	18,582,810	3.721	23,442,300	4,859,490
THRU	OUC PURCH	J	61,971,000	1.750	2.856	1,084,500	3.232	2,003,137	918,637
Sep-97	OTHER	--	23,580,000	2.646	2.646	623,888	2.646	623,888	0
	TOTAL		715,551,000	2.836	2.932	20,291,198	3.643	26,069,325	5,778,127

SCHEDULE E10

FLORIDA POWER CORPORATION
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE
ESTIMATED FOR THE PERIOD OF: APRIL 1997 THROUGH SEPTEMBER 1997

	DESCRIPTION		Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Period Average	Prior Residential Bill *	Apr-97 vs. Prior
1	Base Rate Revenues	($)	49.05	49.05	49.05	49.05	49.05	49.05	49.05	49.05	0.00
2	Fuel Recovery Factor	(c/kwh)	2.385	2.385	2.385	2.385	2.385	2.385	2.385	2.148	
3	Fuel Cost Recovery Revenues	($)	23.90	23.90	23.90	23.90	23.90	23.90	23.90	21.52	2.38
4	Capacity Cost Recovery Revenues	($)	10.68	10.68	10.68	10.68	10.68	10.68	10.68	9.36	1.32
5	Energy Conservation Cost Revenues	($)	2.80	2.80	2.80	2.80	2.80	2.80	2.80	1.38	1.42
6	Gross Receipt Taxes	($)	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.08	0.14
7	Total Revenues	($)	88.65	88.65	88.65	88.65	88.65	88.65	88.65	83.39	5.26

* Actual Residential Billing for Mar-97

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

			Apr-94 thru Sep-94	Apr-95 thru Sep-95	Apr-96 thru Sep-96	Apr-97 thru Sep-97	1995 vs. 1994	1996 vs. 1995	1997 vs. 1996
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	HEAVY OIL		73,919,242	66,709,163	89,064,213	63,978,938	-9.8%	33.5%	-28.2%
2	LIGHT OIL		16,476,149	14,496,443	15,486,036	10,669,258	-6.3%	6.8%	-31.1%
3	COAL		143,866,634	135,999,690	131,309,383	144,966,999	-5.5%	-3.4%	10.4%
4	GAS		6,137,966	19,963,775	19,448,187	16,057,486	225.3%	-2.6%	-17.3%
5	NUCLEAR		9,933,664	12,963,536	6,072,817	10,429,409	30.7%	-53.2%	71.7%
6	OTHER		1,718,789	1,813,331	1,196,109	2,082,946	-5.0%	-25.9%	72.6%
7	TOTAL	$	261,056,403	251,764,920	262,674,434	248,186,434	-3.5%	4.3%	-5.5%
	SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL		3,146,455	2,696,497	3,305,837	2,408,656	-17.5%	27.3%	-27.1%
9	LIGHT OIL		280,477	249,766	256,718	197,848	-10.9%	2.4%	-22.6%
10	COAL		7,770,644	7,481,574	7,268,270	8,049,219	-3.7%	-1.2%	8.9%
11	GAS		180,064	699,969	641,698	617,427	384.3%	-27.9%	-19.4%
12	NUCLEAR		2,119,873	3,257,691	1,686,232	3,022,663	53.7%	-48.3%	79.4%
13	OTHER		0	0	0	0	0.0%	0.0%	0.0%
14	TOTAL	MWH	13,496,513	14,476,396	13,276,725	14,196,810	7.3%	-8.3%	6.9%
	UNITS OF FUEL BURNED								
15	HEAVY OIL	BBL	5,091,711	4,160,208	5,171,041	3,702,991	-18.3%	24.6%	-28.4%
16	LIGHT OIL	BBL	741,129	606,308	636,364	384,680	-18.2%	4.9%	-39.5%
17	COAL	TON	2,980,842	2,937,768	2,797,018	3,047,760	-1.2%	-1.4%	9.0%
18	GAS	MCF	2,423,789	9,561,538	7,256,232	5,794,074	294.1%	-24.9%	-20.2%
19	NUCLEAR	MMBTU	21,798,097	34,084,080	17,910,576	31,804,269	56.4%	-47.7%	77.4%
20	OTHER	BBL	83,800	70,059	45,372	72,414	-16.4%	-35.2%	59.6%
	BTUS BURNED (MMBTU)								
21	HEAVY OIL		32,420,169	26,912,815	33,439,394	23,696,960	-17.0%	24.3%	-29.1%
22	LIGHT OIL		3,893,062	3,499,912	3,433,364	2,230,822	-10.1%	-1.9%	-35.0%
23	COAL		74,916,439	71,129,569	70,906,906	76,612,916	-3.9%	-0.3%	8.0%
24	GAS		2,497,845	9,848,218	7,527,216	5,794,074	294.3%	-23.6%	-23.0%
25	NUCLEAR		21,798,097	34,084,080	17,910,576	31,804,269	56.4%	-47.7%	77.4%
26	OTHER		440,193	410,210	269,812	420,000	-6.8%	-34.7%	55.7%
27	TOTAL	MMBTU	136,062,805	146,884,793	133,591,136	140,360,851	8.0%	-9.0%	5.2%
	GENERATION MIX (% MWH)								
28	HEAVY OIL		23.31%	17.94%	24.90%	16.97%	-23.2%	38.8%	-31.7%
29	LIGHT OIL		2.08%	1.73%	1.93%	1.39%	-19.2%	11.6%	-28.0%
30	COAL		57.58%	51.69%	56.76%	56.70%	-10.2%	7.7%	2.0%
31	GAS		1.33%	6.16%	4.83%	3.68%	368.8%	-21.1%	-24.8%
32	NUCLEAR		15.71%	22.69%	12.69%	21.29%	43.3%	-43.5%	67.8%
33	OTHER		0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
34	TOTAL	%	100.00%	100.00%	100.00%	100.00%	0.0%	0.0%	0.0%
	FUEL COST PER UNIT								
35	HEAVY OIL	$/BBL	14.55	16.07	17.22	17.28	10.5%	7.2%	0.3%
36	LIGHT OIL	$/BBL	20.59	23.91	24.37	27.74	14.5%	1.9%	13.8%
37	COAL	$/TON	48.59	47.92	46.86	47.57	-1.4%	-2.0%	1.3%
38	GAS	$/MCF	2.53	2.09	2.69	2.78	-17.5%	28.2%	3.5%
39	NUCLEAR	$/MMBTU	0.46	0.38	0.34	0.33	-16.4%	-10.5%	-3.2%
40	OTHER	$/BBL	20.47	23.03	26.34	28.48	12.5%	14.4%	8.1%
	FUEL COST PER MMBTU ($/MMBTU)								
41	HEAVY OIL		2.28	2.48	2.66	2.70	8.7%	7.4%	1.4%
42	LIGHT OIL		3.98	4.14	4.51	4.78	4.2%	8.9%	6.1%
43	COAL		1.94	1.91	1.86	1.89	-1.6%	-3.1%	2.2%
44	GAS		2.46	2.03	2.58	2.78	-17.5%	27.5%	7.6%
45	NUCLEAR		0.46	0.38	0.34	0.33	-16.4%	-10.5%	-3.2%
46	OTHER		3.90	3.93	4.53	4.91	0.9%	15.2%	8.4%
47	TOTAL	$/MMBTU	1.88	1.78	1.87	1.77	-7.2%	14.1%	-10.2%
	BTU BURNED PER KWH (BTU/KWH)								
48	HEAVY OIL		10,307	10,366	10,115	9,839	0.6%	-2.4%	-2.7%
49	LIGHT OIL		13,880	14,013	13,428	11,280	1.0%	-4.2%	-15.1%
50	COAL		9,625	9,507	9,697	9,618	-0.2%	0.9%	-0.8%
51	GAS		13,871	11,008	11,730	11,186	-20.2%	6.6%	-4.6%
52	NUCLEAR		10,277	10,463	10,599	10,486	1.8%	1.0%	-1.1%
53	OTHER		0	0	0	0	0.0%	0.0%	0.0%
54	TOTAL	BTU/KWH	10,078	10,078	10,048	9,887	0.7%	-0.3%	-1.6%
	GENERATED FUEL COST PER KWH (C/KWH)								
55	HEAVY OIL		2.35	2.57	2.69	2.66	9.3%	4.9%	-1.4%
56	LIGHT OIL		5.82	5.80	6.03	5.39	5.2%	4.5%	-11.0%
57	COAL		1.85	1.82	1.78	1.80	-1.9%	-2.2%	1.4%
58	GAS		3.41	2.24	3.03	2.11	-34.2%	35.1%	2.6%
59	NUCLEAR		0.47	0.40	0.36	0.35	-14.9%	-9.9%	-4.2%
60	OTHER		0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61	TOTAL	C/KWH	1.93	1.74	1.98	1.75	-9.8%	13.7%	-11.8%