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Florida Power
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

January 19, 1996

Ms. Blanca S. Bayó, Director
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

Re: Docket No. 960001-EI

Dear Ms. Bayó:

Enclosed for filing in the subject docket are fifteen copies each of the Direct Testimony of Larry G. Turner 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.

Very truly yours,

James A. McGee

JAM/jb
Enclosures

Dudley Parties of Record

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DOCUMENT NUMBER-DATE
Turner
00722 JAN 22 96
FPSC-RECORDS/REPORTING

DOCUMENT NUMBER-DATE
Wieland
00723 JAN 22 96
FPSC-RECORDS/REPORTING

Florida Power
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BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 960001-EI

LEVELIZED FUEL COST FACTORS
APRIL THROUGH SEPTEMBER 1996

DIRECT TESTIMONY
AND EXHIBITS OF

KARL H. WIELAND

For Filing January 22, 1996

FLORIDA POWER CORPORATION

DOCKET NO. 960001-EI

Levelized Fuel and Capacity Cost Factors
April through September 1996

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 1996.

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 Intercession City combustion turbines 8 and 10 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 1.887 ¢/kWh (before line loss adjustment). The basic factor consists of a fuel cost for the projection period of 1.8401 ¢/kWh (adjusted for jurisdictional losses), a GPIF reward of .00862 ¢/kWh, and an estimated true-up charge of 0.0369 ¢/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 1.309 ¢/kWh On-peak and 0.833 ¢/kWh 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 1.891 ¢/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 at Intercession City to burn natural gas instead of distillate oil. Recovery of the conversion of units 7 and 9 was approved by this Commission in August, 1995. In this filing the Company is requesting approval to add the conversion costs of two additional units (8 and 10) beginning in June, 1996.

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 409 MWs under a Unit Power Sales (UPS) agreement with the Southern Company. During October-December 1995, the Southern Company purchase provides of 407 MW of unit power. Beginning January 1996, the SERC ratings of the units supporting this purchase will be revised to 409 MW. The capacity payments associated with the UPS contract are based on the original contract of 400 MW. The additional 9 MW are the result of revised SERC ratings for the five units involved 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 689 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 $2,291,039 through November 1995 was obtained from Schedule A2, page 3 of 4, previously submitted for the month of November. This balance was projected to the end of March 1996, including interest estimated at the November ending rate of 0.4833% per month. Second, the total estimated under-recovery of $6,533,077 for the current period was combined with the prior period (April through September 1995) under-recovery of $10,032,296 and $10,649,438 being collected during the current period for a total under-recovery of $5,915,935 at the end of March 1996. This results in an estimated true-up charge on line 28 of Schedule E1 of 0.0369 ¢/kWh for application in the April through September 1996 projection period. The development of the estimated true-up amount for the current April through September 1996 period is shown on Schedule E1-B, Sheet 1.

Q. What are the primary reasons for the projected March 1996 under-recovery of $5.9 million?

A. The under-recovery is primarily a result of abnormal weather conditions which occurred in October through December, 1995.

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 1995.

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 8 and 10 at the Intercession City site 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."

In August of 1995, the Company converted Intercession City units 7 and 9 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 two additional units at the same sit. The conversion cost for units 8 and 10 is $2.6 million. This cost was not part of the cost of Intercession City units 8 and 10 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 $2.6 million conversion cost over a five year period beginning with the plant in-service date of June, 1996. The projected cost during the April 1996 through September 1996 period is $236,906 which consists of an amortization charge of $151,666 and a return (including income taxes) of $85,240 based on the Company's current cost of capital of 8.37%. The fuel savings for the same period are expected to be $1,460,448 resulting in a net benefit to customers of $1,223,542. For comparison purposes, actual fuel savings produced by the conversion of units 7 and 9 from August through November of 1995 are in excess of $1.5 million.

A monthly schedule of amortization expenses and 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. Expensing the conversion cost would burden existing customers with costs that exceed benefits while 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 six-month fuel recovery 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 $4,119,749 is then carried forward to Sheet 1, to be refunded during the April through September 1996 period.

Sheet 3: Development of Jurisdictional Loss Multipliers: The same delivery efficiencies and loss multipliers as 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 1994 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 $138.2 million in the October 1995 through March 1996 period to $141.9 million for the April through September 1996 period is due to the escalation to the 1996 payment schedule. No new contracts begin before September 1996. 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 1996

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 1995 and replaces the June 1994 Corporate Forecast.

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. 111 (February 1995) as well as THE FLORIDA OUTLOOK, First Quarter 1995.

4. FPC's largest electric consumers, its phosphate mining customers, have experienced a significant improvement of late. Improved market conditions for phosphate rock have firmed market prices and allowed for expansion of operations at some mining sites. New mining operations with scheduled openings in the 1995-1996 period include Mobil Chemical Company in South Ft. Meade and C.F. Industries in Ft. Green. As a result, a significant increase in phosphate energy consumption is assumed in this forecast over the next few years.

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, 1995. The forecast of energy and demand to the partial requirements customers reflect 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 665 MW in 1995, 689 MW in 1996, 703 MW in 1997 and 1998, and 827 MW in 1999 and 2000. SECI's projection of their system's supplemental demand and energy requirements has been incorporated into this forecast. This forecast also assumes that FPC will successfully renew all upcoming franchise agreements.

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. This forecast assumes an increase of 6 MW of self-service capacity by Occidental Corporation at its Swift Creek operation. Supplemental load is defined as the cogeneration customers' total load less their normal generation output. 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 projects a soft landing from the strong growth in economic activity experienced in 1993 and 1994. Seven consecutive interest rate hikes by the Federal Reserve Board (FED) have begun to constrain growth in the national economy in an effort to hold down inflationary pressures. Recent declines in interest rates of late has been influenced by the rate of growth in the national economy which has slowed significantly during the first half of 1995. The FED has been seeking to reach a natural rate of GDP growth of 2.5% -- far lower than the torrid rate experienced in 1994. It is assumed that interest rates have peaked for the current business cycle and will remain at the lower Q2:95 level for the remainder of 1995. No economic recession is predicted for the forecast horizon but growth will be lower than that experienced in 1993 and 1994. 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 to the whole economy. This is expected to help home-building as well as other capital intensive industries.

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. The strong employment growth in the service sector will continue. Export-related job growth is also expected to fair well in the year ahead. The weak dollar 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 central air conditioning saturation rates, as well as greater saturation of clothes washers and dryers in multi-family dwellings, all serve to boost average electric use per customer.

EXHIBITS TO THE TESTIMONY OF
KARL H. WIELAND

LEVELIZED FUEL COST FACTORS
APRIL THROUGH SEPTEMBER 1996

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, no radical changes in world energy markets (OPEC actions, governmental rule changes, etc.). Prices have been levelized and don't reflect the normal daily market fluctuations. They are based on expected contract structures, specifications, and spot market purchases for 1996.

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

Transportation to the Tampa Bay area plus applicable environmental 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 1996 and estimated spot purchase volumes and prices for the year. It assumes environmental restrictions on coal quality remain in effect as per current plans: 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, governmental rule changes, etc. Prices have been levelized and don't reflect normal daily market fluctuations. They are based on expected contract structures and spot market purchases for 1996. Gas supply prices were derived from PIRA and Chem Data forecasts as well as current market information.

Transportation costs from the Southern Natural and South Georgia Pipeline systems to the Suwannee Plant and from the Florida Gas Transmission pipeline to the University of Florida cogeneration plant are based on their published tariff prices. Interruptible transportation rates and availability on Florida Gas Transmission were also estimated based on published tariff prices for delivery to Intercession City and other sites. Additional transportation charges from GRU for the University of Florida cogeneration plant and from KUA for the Intercession combustion turbine units are also included.

EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS
APRIL THROUGH SEPTEMBER 1996

PART C - FUEL PRICE FORECAST

Florida Power Corporation
Docket No. 960001-EI
Witness: K. H. Wieland
Exhibit No. ______
Part C

FUEL PRICE FORECAST

Residual Oil

	Steam					
	2.5 %		1.5%		1.0%	
	$/bbl.	$/million BTUs (1)	$/bbl.	$/million BTUs (2)		$/million BTUs (3)
1995						
December	15.04	2.35	15.68	2.45	16.00	2.50
1996						
January	15.04	2.35	15.68	2.45	16.00	2.50
February	15.04	2.35	15.68	2.45	16.00	2.50
March	15.04	2.35	15.68	2.45	16.00	2.50
April	14.08	2.20	14.40	2.25	14.72	2.30
May	14.08	2.20	14.40	2.25	14.72	2.30
June	14.08	2.20	14.40	2.25	14.72	2.30
July	13.12	2.05	13.44	2.10	13.76	2.15
August	13.12	2.05	13.44	2.10	13.76	2.15
September	13.12	2.05	13.44	2.10	13.76	2.15

(1) 6.4 million BTU/bbl.
(2) 6.4 million BTU/bbl.
(3) 6.4 million BTU/bbl.

Florida Power Corporation
Docket No. 960001-EI
Witness: K. H. Wieland
Exhibit No. ______
Part C
Sheet 2 of 5

FUEL PRICE FORECAST

#2 Fuel Oil

	$/bbl.	cents/ gal.	$/million BTUs (1)
1995			
December	23.78	56	4.10
1996			
January	23.78	56	4.10
February	23.78	56	4.10
March	23.78	56	4.10
April	20.88	49	3.60
May	20.88	49	3.60
June	20.88	49	3.60
July	20.88	49	3.60
August	20.88	49	3.60
September	20.88	49	3.60

(1) 5.8 million BTU/bbl. & 42 gal. per bbl.

Florida Power Corporation
Docket No. 960001-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		
	BTU/lb.	$/ton	$/million BTUs	BTU/lb.	$/ton	$/million BTUs
1995						
December	12,600	42.21	1.68	12,540	49.65	1.98
1996						
January	12,600	42.21	1.68	12,540	49.65	1.98
February	12,600	42.22	1.68	12,540	49.64	1.98
March	12,600	42.23	1.68	12,540	49.66	1.98
April	12,600	42.28	1.68	12,540	49.71	1.98
May	12,600	42.43	1.68	12,540	49.89	1.99
June	12,600	42.31	1.68	12,540	49.75	1.98
July	12,600	42.37	1.68	12,540	49.87	1.99
August	12,600	42.40	1.68	12,540	49.87	1.99
September	12,600	42.40	1.68	12,540	49.90	1.99

Florida Power Corporation
Docket No. 960001-EI
Witness: K. H. Wieland
Exhibit No. ______
Part C
Sheet 4 of 5

FUEL PRICE FORECAST

Natural Gas

	FLORIDA GAS TRANSMISSION		SOUTH GEORGIA GAS	
	Volume MCF	$/million BTU (1)	Volume MCF	$/million BTU (1)
1995				
December	9,300	2.00	10,200	2.00
1996				
January	9,300	2.00	10,200	2.00
February	9,300	2.00	10,200	2.00
March	9,300	2.00	10,200	2.00
April	9,300	1.75	10,200	1.75
May	9,300	1.75	10,200	1.75
June	9,300	1.75	10,200	1.75
July	9,300	1.75	10,200	1.75
August	9,300	1.75	10,200	1.75
September	9,300	1.75	10,200	1.75

(1) 1000 BTU/CF

Florida Power Corporation
Docket No. 960001-EI
Witness: K. H. Wieland
Exhibit No. ______
Part C

FUEL PRICE FORECAST

Transporation Costs

Residual and Distillate Oil

FUEL	Location	Transportation $/bbl	$/million BTU
Residual			
	(1) ANCLOTE	0.00	0.00
	(1) BARTOW	0.00	0.00
	(1) HIGGINS	0.00	0.00
	(1) SUWANNEE	4.48	0.71
	(1) TURNER	0.00	0.00
Distillate			
	(2) AVON PARK PKR	1.16	0.20
	(2) BARTOW-BARGE	0.93	0.16
	(2) BAYBORO-BARGE	0.93	0.16
	(2) DEBARY	1.39	0.24
	(2) HIGGINS	0.52	0.09
	(2) INT CITY	1.10	0.19
	(2) PORT ST.JOE	1.39	0.24
	(2) RIO PINAR	1.28	0.22
	(2) SUWANNEE	1.22	0.21
	(2) TURNER	1.39	0.24
	(2) UNIV OF FLA	0.00	0.00

(1) 6.3 million BTU/bbl.
(2) 5.8 million BTU/bbl.

EXHIBITS TO THE TESTIMONY OF
KARL H. WIELAND

LEVELIZED FUEL COST FACTORS
APRIL THROUGH SEPTEMBER 1996

PART D - CAPACITY COST RECOVERY CALCULATIONS

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

PROJECTED CAPACITY PAYMENTS

For the Period of: April through September 1996

Florida Power Corporation
Docket 960001-EI
Witness: K. H. Wieland
Exhibit No. ________
Part D
Sheet 1 of 5

	Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	TOTAL
Base Production Level Capacity Charges:							
1 Bay County Qualifying Facility	$143,880	$143,880	$143,880	$143,880	$143,880	$143,850	$863,280
2 Eco Peat Qualifying Fqacility	859,766	859,766	859,766	859,766	859,766	859,766	5,158,598
3 General Peat Qualifying Facility	2,927,496	2,927,496	2,927,496	2,927,496	2,927,496	2,927,496	17,564,976
4 Auburndale LFC Qualifying Facility	473,570	473,570	473,570	473,570	473,570	473,570	2,841,420
5 Dade County Qualifying Facility	602,000	602,000	602,000	602,000	602,000	602,000	3,612,000
6 Lake County Qualifying Facility	271,830	271,830	271,830	271,830	271,830	271,830	1,630,980
7 Pasco County Qualifying Facility	490,360	490,360	490,360	490,360	490,360	490,360	2,942,160
8 Pinellas County 1&2 Qualifying Facility	1,188,590	1,188,590	1,188,590	1,188,590	1,188,590	1,188,590	7,131,540
9 El Dorado Qualifying Facility	1,550,372	1,550,372	1,550,372	1,550,372	1,550,372	1,550,372	9,302,231
10 Lake Cogen Qualifying Facility	1,669,880	1,669,880	1,669,880	1,669,880	1,669,880	1,669,880	10,019,279
11 Orange Cogen Qualifying Facility	1,409,160	1,409,160	1,409,160	1,409,160	1,409,160	1,409,160	8,454,958
12 Orlando Cogen Qualifying Facility	1,236,178	1,236,178	1,236,178	1,236,178	1,236,178	1,236,178	7,417,069
13 Pasco Cogen Qualifying Facility	1,654,699	1,654,699	1,654,699	1,654,699	1,654,699	1,654,699	9,928,193
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	1,756,209
16 Timber Energy 2 Qualifying Facility	102,360	102,360	102,360	102,360	102,360	102,360	614,160
17 Mulberry Energy Qualifying Facility	1,795,741	1,795,741	1,795,741	1,795,741	1,795,741	1,795,741	10,774,444
18 Koyster Phosphates Qualifying Facility	643,058	643,058	643,058	643,058	643,058	643,058	3,858,348
19 Seminole Fertilizer Qualifying Facility	321,150	321,150	321,150	321,150	321,150	321,150	1,926,900
20 Tiger Bay (EcoPeat lease credit)	(66,666)	(66,667)	(66,667)	(66,666)	(66,667)	(66,667)	(400,000)
21 Subtotal - Base Level Capacity Charges	$18,367,071	$18,367,070	$18,367,070	$18,367,071	$18,367,070	$18,367,070	$110,202,422
22 Base Production Jurisdictional Responsibility	94.595%	94.595%	94.595%	94.595%	94.595%	94.595%	94.595%
23 Base Level Jurisdictional Capacity Charges	$17,374,331	$17,374,330	$17,374,330	$17,374,331	$17,374,330	$17,374,330	$104,245,982
Intermediate Production Level Capacity Charges:							
24 TECO Power Purchase	$471,367	$471,367	$471,367	$471,367	$471,367	$471,367	$2,828,202
25 UPS Purchase (409 MW)	$4,853,575	4,790,738	4,809,029	4,807,862	4,802,810	4,775,278	28,839,292
26 Schedule II Capacity Sales	0	0	0	0	0	0	0
27 Subtotal - Intermediate Level Capacity Charges	$5,324,942	$5,262,105	$5,280,396	$5,279,229	$5,274,177	$5,246,645	$31,667,494
28 Intermediate Production Jurisdictional Responsibility	80.759%	80.759%	80.759%	80.759%	80.759%	80.759%	80.759%
29 Intermediate Level Jurisdictional Capacity Charges	$4,300,370	$4,249,623	$4,264,395	$4,263,453	$4,259,373	$4,237,138	$25,574,352
30 Sebring Base Rate Credits	($295,291)	($287,008)	($338,188)	($361,309)	($365,055)	($388,699)	($2,035,550)
31 Jurisdictional Capacity Payments (lines 23 + 29 + 30)	$21,379,410	$21,336,945	$21,300,537	$21,276,475	$21,268,648	$21,222,769	$127,784,784
32 Estimated/Actual True-Up Provision for the period October 1995 through March 1996							($4,119,057)
33 TOTAL (Sum of lines 31 & 32)							$123,665,727
34 Revenue Tax Multiplier							1.00083
35 TOTAL RECOVERABLE CAPACITY PAYMENTS							$123,768,370

Lines 22 & 28: Jurisdictional Separation Study, filed February 15, 1996.
Line 32: Copied from Sheet 2, line 49.

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

CALCULATION OF ESTIMATED / ACTUAL TRUE-UP

For the Period of: October 1995 through March 1996

	Actual Oct-95	Actual Nov-95	Actual Dec-95	Estimated Jan-96	Estimated Feb-96	Estimated Mar-96	TOTAL	Original Estimate	Variance
Base Production Level Capacity Charges:									
1 UPS Purchase (123/0 MW)	$1,245,822	$1,498,867	$1,506,081	$0	$0	$0	$4,250,770	$9,130,167	($4,879,397)
2 Bay County Qualifying Facility	135,820	135,410	135,410	143,880	143,880	143,880	838,280	837,870	410
3 Eco Peat Qualifying Fqacility	639,044	646,408	714,321	859,766	859,766	859,766	4,579,072	5,034,012	(454,940)
4 General Peat Qualifying Facility	2,752,928	2,752,464	2,752,464	2,927,496	2,927,496	2,927,496	17,040,344	17,039,880	464
5 Auburndale LFC Qualifying Facility	273,360	272,680	272,680	473,570	473,570	473,570	2,239,430	2,238,750	680
6 Dade County Qualifying Facility	0	0	0	602,000	602,000	602,000	1,806,000	0	1,806,000
7 Lake County Qualifying Facility	255,765	255,765	254,530	271,830	271,830	271,830	1,581,550	1,582,785	(1,235)
8 Pasco County Qualifying Facility	461,760	461,380	461,380	490,360	490,360	490,360	2,855,600	2,855,220	380
9 Pinellas County Qualifying Facility	950,593	1,117,690	1,118,345	1,188,590	1,188,590	1,188,590	6,752,398	6,920,805	(168,407)
10 El Dorado (Auburn) Qualifying Facility	0	0	0	1,550,372	1,550,372	1,550,372	4,651,115	0	4,651,115
11 Lake Cogen Qualifying Facility	0	0	0	1,669,880	1,669,880	1,669,880	5,009,639	0	5,009,639
12 Orange Cogen Qualifying Facility	1,343,105	1,343,105	1,343,105	1,409,160	1,409,160	1,409,160	8,256,794	7,973,706	283,088
13 Orlando Cogen Qualifying Facility	0	0	0	1,236,178	1,236,178	1,236,178	3,708,535	0	3,708,535
14 Pasco Cogen Qualifying Facility	0	0	0	1,654,699	1,654,699	1,654,699	4,964,096	0	4,964,096
15 Ridge Generating Station Qualifying Facility	0	0	0	800,946	800,946	800,946	2,402,838	0	2,402,838
16 Timber Energy 1 Qualifying Facility	277,639	277,639	277,639	277,639	277,639	277,639	1,665,833	1,665,834	(1)
17 Timber Energy 2 Qualifying Facility	96,480	96,240	96,240	102,360	102,360	102,360	596,040	595,800	240
18 Mulberry Energy Qualifying Facility	2,320,999	1,097,005	1,709,002	1,795,741	1,795,741	1,795,741	10,514,228	9,558,393	955,835
19 Royster Phosphates Qualifying Facility	0	1,223,994	611,997	643,058	643,058	643,058	3,765,165	3,422,877	342,288
20 Seminole Fertilizer Qualifying Facility	304,517	301,426	289,192	321,150	321,150	321,150	1,858,585	1,880,550	(21,965)
21 Tiger Bay (EcoPeat lease credit)	($266,667)	(66,667)	(66,666)	(66,667)	(216,666)	(66,667)	(750,000)	(550,000)	(200,000)
22 Subtotal - Base Level Capacity Charges	$10,791,165	$11,413,406	$11,475,720	$18,352,007	$18,202,008	$18,352,007	$88,586,312	$70,186,649	$16,399,663
23 Base Production Jurisdictional Responsibility	94.561%	94.561%	94.561%	94.595%	94.595%	94.595%	94.582%	94.561%	- n/a -
24 Base Level Jurisdictional Capacity Charges	$10,204,234	$10,792,631	$10,851,556	$17,360,081	$17,218,189	$17,360,081	83,786,772	$66,369,196	$17,417,576
Intermediate Production Level Capacity Charges:									
25 TECO Power Purchase	$471,367	$471,367	$471,367	$471,367	$471,367	$471,367	$2,828,202	$2,828,202	$0
26 UPS Purchase (283/409 MW)	2,866,404	3,448,612	3,465,211	4,816,712	4,802,397	4,870,338	24,269,674	21,081,036	3,188,638
27 Dade County Qualifying Facility	539,540	533,000	532,094	0	0	0	1,604,634	3,524,280	(1,919,646)
28 El Dorado (Auburn) Qualifying Facility	1,475,068	1,475,136	1,475,068	0	0	0	4,425,272	9,076,320	(4,651,048)
29 Lake Cogen Qualifying Facility	1,588,771	1,588,542	1,588,771	0	0	0	4,766,084	9,775,953	(5,009,869)
30 Pasco Cogen Qualifying Facility	1,574,656	1,574,327	1,574,328	0	0	0	4,723,311	9,687,081	(4,963,770)
31 Orlando Cogen Qualifying Facility	1,176,271	1,176,135	1,146,732	0	0	0	3,499,138	7,236,939	(3,737,801)
32 Ridge Generating Station Qualifying Facility	745,681	752,088	757,695	0	0	0	2,255,464	4,805,676	(2,550,212)
33 Capacity Sales	(2,662)	(3,008)	(11,707)	0	0	0	0	0	0
34 Subtotal - Intermediate Level Capacity Charges	$10,435,096	$11,016,199	$10,999,559	$5,288,079	$5,273,764	$5,341,705	$48,371,779	$68,015,487	($19,643,708)
35 Intermediate Production Jurisdict. Responsibility	83.471%	83.471%	83.471%	80.759%	80.759%	80.759%	82.549%	83.471%	- n/a -
36 Intermediate Level Jurisdictional Capacity Charges	$8,710,279	$9,195,331	$9,181,442	$4,270,600	$4,259,039	$4,313,908	$39,930,599	$56,773,206	($16,842,607)
37 Sebring Base Rate Credits	($364,386)	($302,121)	($290,076)	($342,131)	($319,109)	($291,527)	($1,909,350)	($1,851,621)	($57,729)
38 Jurisdictional Capacity Charges (lines 24+36+37)	$18,550,127	$19,685,841	$19,742,922	$21,288,550	$21,158,119	$21,382,462	$121,808,021	$121,290,781	$517,240
39 Jurisdictional kWh Sales (000)	2,693,817	2,319,626	2,137,976	2,342,813	2,255,414	2,139,087	13,888,733	13,815,992	72,741
40 Capacity Cost Recovery Revenues (net of revenue taxes)	23,993,316	20,077,326	18,564,114	$20,671,357	$19,900,209	$18,873,820	$122,080,142	$121,902,730	$177,412
40a Miscellaneous Revenue Adjustments	0	0	0	0	0	0	0	0	0
41 Prior Period True-Up Provision	604,601	604,601	604,601	604,601	604,601	604,603	$3,627,608	($611,949)	4,239,557
42 Current Period Capacity Cost Recovery Revenues (net of revenue taxes) (sum lines 40 through 41)	$24,597,917	$20,681,927	$19,168,715	$21,275,958	$20,504,810	$19,478,423	$125,707,750	$121,290,781	$4,416,969
43 Current Period Over/(Under) Recovery (line 42 - line 38)	$6,047,790	$996,086	($574,207)	($12,592)	($653,309)	($1,904,039)	$3,899,729	$0	$3,899,729
44 Interest Provision for Month	31,086	45,001	43,313	39,192	34,843	25,893	219,328	76,832	142,496
45 Current Cycle Balance	6,078,876	7,119,963	6,589,069	6,615,669	5,997,203	4,119,057	4,119,057	76,832	4,042,225
46 plus: Prior Period Balance	3,627,608	3,627,608	3,627,608	3,627,608	3,627,608	3,627,608	3,627,608	(611,949)	4,239,557
47 plus: Cumulative True-Up Provision	(604,601)	(1,209,202)	(1,813,803)	(2,418,404)	(3,023,005)	(3,627,608)	(3,627,608)	611,949	(4,239,557)
48 plus: Other	0	0	0	0	0	0	0	0	0
49 End of Period Net True-Up (sum lines 45 through 48)	$9,101,883	$9,538,369	$8,402,874	$7,824,873	$6,601,806	$4,119,057	$4,119,057	$76,832	$4,042,225

Line 40: Calculated at net-of-taxes rate of $122003909 / 13815992 MWh / 10 / 1.00083 = 0.88233063 c/kWh.
Line 44: Estimated interest calculated at December 1995 ending rate of 5.810 / 12 = 0.4842 % per month.

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

DEVELOPMENT OF JURISDICTIONAL DELIVERY LOSS MULTIPLIERS

Based on Actual Calendar Year 1994 Data

For the Period of: April through September 1996

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ENERGY DELIVERED				PER UNIT DELIVERY EFFICIENCY	ENERGY REQ'D @ SOURCE		JURISDICTIONAL LOSS MULTIPLIER
I. CLASS LOADS	SALES MWH	NET UNBILLED MWH	TOTAL MWH	% OF TOTAL		MWH (3)/(5)	% OF TOTAL	0.9469891 / (5)
A. RETAIL - FIRM								
1. Transmission (Metering)	27,816	(77)	27,739		0.9696000	28,609		
2. Distribution Primary	2,232,521	(6,210)	2,226,311		0.9596000	2,320,041		
3. Distribution Secondary	23,264,908	(64,721)	23,200,187		0.9427421	24,609,262		
SUBTOTAL	25,525,245	(71,008)	25,454,237		0.9442214	26,957,912		
B. RETAIL - NON-FIRM								
1. Transmission (Metering)	692,002	(1,925)	690,077		0.9696000	711,713		
2. Distribution Primary	1,440,765	(4,007)	1,436,758		0.9596000	1,497,247		
3. Distribution Secondary	17,209	(47)	17,162		0.9427421	18,204		
SUBTOTAL	2,149,976	(5,979)	2,143,997		0.9626579	2,227,164		
TOTAL RETAIL	27,675,221	(76,987)	27,598,234	96.00%	0.9456283	29,185,076	96.14%	1.0014
C. WHOLESALE								
1. Source Level	473,094	(6,494)	466,600		1.0000000	466,600		
2. Transmission	591,376	(1,878)	589,498		0.9696000	607,981		
3. Distribution Primary	94,088	(332)	93,756		0.9596000	97,703		
4. Distribution Secondary	0	0	0		0.9427421	0		
TOTAL WHOLESALE	1,158,558	(8,704)	1,149,854	4.00%	0.9808664	1,172,284	3.86%	0.9655
TOTAL CLASS LOADS	28,833,779	(85,691)	28,748,088	100.00%	0.9469891	30,357,360	100.00%	1.0000
II. NON-CLASS LOADS								
A. Company Use	184,524	0	184,524		0.9427421	195,731		
B. Seminole Electric	455,521	(45,159)	410,362		1.0000000	410,362		
C. Kissimmee	100,471	(198)	100,273		0.9696000	103,417		
D. St. Cloud	91,539	(181)	91,358		0.9696000	94,222		
E. Interchange	520,450	0	520,450		1.0000000	520,450		
F. SEPA	12,856	0	12,856		1.0000000	12,856		
TOTAL NON-CLASS	1,365,361	(45,538)	1,319,823		0.9871245	1,337,038		
TOTAL SYSTEM	30,199,140	(131,229)	30,067,911		0.9486822	31,694,398		

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

CALCULATION OF AVERAGE 12 CP AND ANNUAL AVERAGE DEMAND

For the Period of: April through September 1996

RATE CLASS	(1) MWH Sales @ Meter Level (Apr'96-Sep'96)	(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'96-Sep'96)	(7) Delivery Efficiency Factor	(8) Source Level MWH (6)/(7)	(9) Annual Average Demand (8) / 4380 hrs
I. Residential Service	8,070,023	0.516	3,570.7	0.9312905	3,834.1	8,070,023	0.9427421	8,560,160	1,954.4
II. General Service Non-Demand									
Transmission	0	0.662	0.0	0.9635200	0.0	0	0.9696000	0	0.0
Primary	4,216	0.662	1.5	0.9515200	1.5	4,216	0.9596000	4,393	1.0
Secondary	579,328	0.662	199.8	0.9312905	214.5	579,328	0.9427421	614,514	140.3
Total	583,544				216.1	583,544		618,907	141.3
III. GS - 100% L.F.	23,535	1.000	5.4	0.9312905	5.8	23,535	0.9427421	24,964	5.7
IV. General Service Demand									
SS1 - Transmission	5,860	1.218	1.1			5,860			
GSD - Transmission	10,878	0.802	3.1			10,878			
SubTotal - Transmission	16,738		4.2	0.9635200	4.4	16,738	0.9696000	17,263	3.9
SS1 - Primary	2,539	1.218	0.5			2,539			
GSD - Primary	1,261,780	0.802	359.2			1,261,780			
SubTotal - Primary	1,264,319		359.7	0.9515200	378.0	1,264,319	0.9596000	1,317,548	300.8
GSD - Secondary	4,646,032	0.802	1,322.6	0.9312905	1,420.2	4,646,032	0.9427421	4,928,211	1,125.2
Total	5,927,089				1,802.6	5,927,089		6,263,022	1,429.9
V. Curtailable Service									
CS - Primary	106,856	0.966	25.3			106,856			
SS3 - Primary	281	1.039	0.1			281			
SubTotal - Primary	107,137		25.3	0.9515200	26.6	107,137	0.9596000	111,648	25.5
CS - Secondary	1,222	0.966	0.3	0.9312905	0.3	1,222	0.9427421	1,296	0.3
Total	108,359		25.6		26.9	108,359		112,944	25.8
VI. Interruptible Service									
IS - Transmission	362,305	0.960	86.2			362,305			
SS2 - Transmission	61,206	1.044	13.4			61,206			
SubTotal - Transmission	423,511		99.5	0.9635200	103.3	423,511	0.9696000	436,789	99.7
IS - Primary	763,170	0.960	181.5			763,170			
SS2 - Primary	12,977	1.044	2.8			12,977			
SubTotal - Primary	776,147		184.3	0.9515200	193.7	776,147	0.9596000	808,823	184.7
IS - Secondary	9,368	0.960	2.2	0.9312905	2.4	9,368	0.9427421	9,937	2.3
Total	1,209,026				299.4	1,209,026		1,255,550	286.7
VII. Lighting Service	107,314	3.551	6.9	0.9312905	7.4	107,314	0.9427421	113,832	26.0
TOTAL RETAIL	16,028,890				6,192.3	16,028,890		16,949,379	3,869.7

Cols (1) & (6): Florida Power Corp. sales forecast for period April through September 1996.
Col (2): Florida Power Corp. Load Research Study Results, for the period April 1993 to March 1994, adjusted to remove load management effects.
Col (4): Calculated as 1 - (1 - col (7)) * 1.20.
Col (7): Copied from Sheet 3, col (5).

FLORIDA POWER CORPORATION

CAPACITY COST RECOVERY CLAUSE

CALCULATION OF CAPACITY COST RECOVERY FACTOR

For the Period of: April through September 1996

Florida Power Corporation
Docket 960001-EI
Witness: K. H. Wieland
Exhibit No. ________
Part D

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	AVERAGE 12 CP DEMAND		ANNUAL AVERAGE DEMAND		12/13 of 12 CP	1/13 of Ann. Demand	Demand Allocation	Dollar Allocation	Effective MWHs @ Secondary Level	Capacity Cost Recovery Fact
RATE CLASS	MW	%	MW	%	12/13 * (2)	1/13 * (4)	(5) + (6)	(7) * $123768370	(Apr'96-Sep'96)	(¢/kWh)
I. Residential Service	3,834.1	61.918%	1,954.4	50.504%	57.155%	3.885%	61.040%	$75,548,009	8,070,023	0.936
II. General Service Non-Demand										
Transmission									0	0.728
Primary									4,174	0.735
Secondary									579,328	0.743
Total	216.1	3.489%	141.3	3.652%	3.221%	0.281%	3.502%	$4,334,102	583,502	
III. GS - 100% L.F.	5.8	0.093%	5.7	0.147%	0.086%	0.011%	0.097%	$120,474	23,535	0.512
IV. General Service Demand										
Transmission									16,403	0.609
Primary									1,251,676	0.616
Secondary									4,646,032	0.622
Total	1,802.6	29.110%	1,429.9	36.951%	26.870%	2.842%	29.713%	$36,775,146	5,914,111	
V. Curtailable Service										
Transmission									0	0.512
Primary									106,066	0.517
Secondary									1,222	0.522
Total	26.9	0.435%	25.8	0.666%	0.401%	0.051%	0.453%	$560,057	107,288	
VI. Interruptible Service										
Transmission									415,041	0.512
Primary									768,386	0.517
Secondary									9,368	0.522
Total	299.4	4.836%	286.7	7.408%	4.464%	0.570%	5.034%	$6,229,948	1,192,795	
VII. Lighting Service	7.4	0.120%	26.0	0.672%	0.110%	0.052%	0.162%	$200,633	107,314	0.187
TOTAL RETAIL	6,192.3	100.000%	3,869.7	100.000%	92.308%	7.692%	100.000%	$123,768,370	15,998,568	0.772158 (¢/avg kWh)

Col (1): Copied from Sheet 4, col (5).
Col (3): Copied from Sheet 4, col (9).
Col (8): Computed from Sheet 1, line 35.
Col (9): Is 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.

EXHIBITS TO THE TESTIMONY OF
KARL H. WIELAND

LEVELIZED FUEL COST FACTORS
APRIL THROUGH SEPTEMBER 1996

PART E
INTERCESSION CITY UNITS P8 & P10 GAS CONVERSION

FLORIDA POWER CORPORATION
DOCKET 960001-EI
WITNESS: K.H. WIELAND
EXHIBIT NO. ____________
PART E

INTERCESSION CITY UNTIS P8 & P10 GAS CONVERSION
SUMMARY OF COSTS AND SAVINGS
FOR THE PERIOD APRIL, 1996 THROUGH SEPTEMBER, 1996

		1996						
		APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1	BEGINNING BALANCE	$ -	$ -	$ -	$ 2,600,000	$ 2,600,000	$ 2,600,000	$ -
2	ADD INVESTMENT	-	-	2,600,000	-	-	-	2,600,000
3	LESS RETIREMENTS	-	-	-	-	-	-	-
4	ENDING BALANCE	-	-	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
5								
6								
7	AVERAGE BALANCE	-	-	1,300,000	2,600,000	2,600,000	2,600,000	
8	DEPRECIATION RATE	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	
9	DEPRECIATION EXPENSE	-	-	21,667	43,333	43,333	43,333	151,666
10	LESS RETIREMENTS	-	-	-	-	-	-	-
11	BEGINNING BALANCE DEPRECIATION	-	-	-	21,667	65,000	108,333	-
12	ENDING BALANCE DEPRECIATION	-	-	21,667	65,000	108,333	151,666	151,663
13								
14								
15	ENDING NET INVESTMENT	$ -	$ -	$ 2,578,333	$ 2,535,000	$ 2,491,667	$ 2,448,334	$ 2,448,334
16								
17								
18	AVERAGE INVESTMENT	$ -	$ -	$ 1,289,167	$ 2,556,667	$ 2,513,334	$ 2,470,001	
19	ALLOWED EQUITY RETURN	.42667%	.42667%	.42667%	.42667%	.42667%	.42667%	
20	EQUITY COMPONENT AFTER-TAX	-	-	5,500	10,908	10,724	10,539	37,671
21	CONVERSION TO PRE-TAX	1.62800	1.62800	1.62800	1.62800	1.62800	1.62800	
22	EQUITY COMPONENT PRE-TAX	-	-	8,954	17,758	17,459	17,157	61,328
23								
24	ALLOWED DEBT RETURN	.27083%	.27083%	.27083%	.27083%	.27083%	.27083%	
25	DEBT COMPONENT	-	-	3,491	6,924	6,807	6,690	23,912
26								
27	TOTAL RETURN REQUIREMENTS	-	-	12,445	24,682	24,266	23,847	
28								
29	TOTAL DEPRECIATION & RETURN	$ -	$ -	$ 34,112	$ 68,015	$ 67,599	$ 67,180	$ 236,906
30								
31	ESTIMATED FUEL SAVINGS (EXCLUDES COGENS)	-	-	467,058	413,561	388,387	191,442	1,460,448
32	TOTAL DEPRECIATION & RETURN	-	-	34,112	68,015	67,599	67,180	236,906
33	ONE-TIME METERING COST	-	-	-	-	-	-	-
34	NET BENEFIT (COST) TO RATEPAYER	$ -	$ -	$ 432,946	$ 345,546	$ 320,788	$ 124,262	$ 1,223,542
35								

36 DEPRECIATION EXPENSE IS CALCULATED BASED UPON AN PERIOD THROUGH DECEMBER 2000.
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 1996

SCHEDULES E1 THROUGH E10 AND H1

COMPANY: FPC

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE
CALCULATION OF BASIC FACTOR

For the Period of: April 1996 through September 1996

	Classification	(A) DOLLARS	(B) MWH	(C) ¢/kwh
1.	Fuel Cost of System Net Generation (E3)	222,523,546	13,901,829	1.6007
2.	Spent Nuclear Fuel Disposal Cost	2,809,162	3,004,452 (a)	0.0935
3.	Coal Car Investment	0	0	-
4.	Adjustments to Fuel Cost	487,259	0	-
5.	TOTAL COST OF GENERATED POWER	225,819,967	13,901,829	1.6244
6.	Energy Cost of Purchased Power (Excl. ECON & COGENS) (E7)	19,833,930	1,072,216	1.8498
7.	Energy Cost of Sch.C,X Economy Purchases (Broker) (E9)	9,781,900	415,000	2.3571
8.	Energy Cost of Economy Purchases (Non-Broker) (E9)	1,141,301	56,405	2.0234
9.	Energy Cost of Sched. E Economy Purchases (E9)	0	0	0.0000
10.	Capacity Cost of Economy Purchases (E9)	340,800	0 (a)	0.0000
11.	Payments to Qualifying Facilities (E8)	71,340,740	3,632,551	1.9639
12.	TOTAL COST OF PURCHASED POWER	102,438,671	5,176,172	1.9790
13.	TOTAL AVAILABLE KWH		19,078,001	
14.	Fuel Cost of Economy Sales (E6)	(7,058,200)	(390,000)	1.8098
14a.	Gain on Economy Sales - 80% (E6)	(1,248,000)	(390,000)	0.3200
15.	Fuel Cost of Other Power Sales (E6)	0	0	0.0000
15a.	Gain on Other Power Sales (E6)	0	0	0.0000
16.	Fuel Cost of Unit Power Sales (E6)	0	0	0.0000
16a.	Gain on Unit Power Sales (E6)	0	0	0.0000
17.	Fuel Cost of Stratified Sales (E6)	(15,721,770)	(368,944)	4.2613
18.	TOTAL FUEL COST AND GAINS ON POWER SALES	(24,027,970)	(758,944)	3.1660
19.	Net Inadvertent Interchange		0	
20.	TOTAL FUEL AND NET POWER TRANSACTIONS	304,230,668	18,319,057	1.6607
21.	Net Unbilled	10,684,064 *	(643,347)	0.0645
22.	Company Use	1,569,362 *	(94,500)	0.0095
23.	T & D Losses	17,010,683 *	(1,024,308)	0.1027
24.	Adjusted System KWH Sales	304,230,668	16,556,902	1.8375
25.	Wholesale KWH Sales (Excluding Supplemental Sales)	(9,692,677)	(528,012)	1.8357
26.	Jurisdictional KWH Sales	294,537,991	16,028,890	1.8375
27.	Jurisdictional KWH Sales Adjusted for Line Losses: x 1.0014	294,950,343	16,028,890	1.8401
28.	Prior Period True-Up (E1-B, Sheet 1)*	5,915,935	16,028,890	0.0369
29.	Total Jurisdictional Fuel Cost	300,866,278	16,028,890	1.87703
30.	Revenue Tax Factor			1.00083
31.	Fuel Cost Adjusted for Taxes	301,115,997		1.87859
32.	GPIF **	1,381,926	16,028,890	0.00862
33.	Fuel Factor adjusted for taxes including GPIF	302,497,923		1.88720
34.	TOTAL FUEL COST FACTOR rounded to the nearest .001 ¢/kwh			1.887

* For Informational Purposes Only

** Based on Jurisdictional Sales

COMPANY: FPC

SCHEDULE E1-A

CALCULATION OF TOTAL TRUE-UP
(PROJECTED PERIOD)

For the Period: April 1996 through September 1996

1. ESTIMATED OVER/(UNDER) RECOVERY (2 months actual, 4 months estimated) (Schedule E1-B, Sheet 1)	($6,533,077)
2. FINAL TRUE-UP (6 months prior period) (Schedule E1-B, Sheet 1)	$617,142
3. TOTAL OVER/(UNDER) RECOVERY (to be included in projected period) (line 1 + line 2)	($5,915,935)
4. JURISDICTIONAL kWh SALES (projected period)	16,028,890 mWh
5. TRUE-UP FACTOR to nearest .0001 ¢/kWh (to be included in projected period) (line 3 / line 4 * 10)	-0.0369 ¢/kWh

COMPANY: FPC

SCHEDULE E1-B
Sheet 1

CALCULATION OF ESTIMATED TRUE-UP
(2 MONTHS ACTUAL, 4 MONTHS ESTIMATED)

Re-Estimated For the Period of:
October 1995 thrugh March 1996

		Oct-95	Nov-95	Dec-95	Jan-96	Feb-96	Mar-96	PERIOD TOTAL
	FUEL REVENUE							
1	JURSIDICTIONAL KWH SALES (000)	2,693,817	2,319,625	2,180,254	2,342,813	2,255,414	2,139,087	13,931,010
2	TOTAL JURISD. FUEL REVENUE (1)	47,958,087	41,271,174	38,841,225	41,737,214	40,180,200	38,107,835	248,095,735
3	less TRUE-UP PROVISION	(1,774,906)	(1,774,906)	(1,774,906)	(1,774,906)	(1,774,906)	(1,774,908)	(10,649,438)
4	less GPIF PROVISION	(30,563)	(30,513)	(30,613)	(30,563)	(30,563)	(30,563)	(183,376)
4a								
4b								
5	NET FUEL REVENUE	46,152,618	39,465,755	37,035,706	39,931,745	38,374,731	36,302,364	237,262,921
	FUEL EXPENSE							
6	TOTAL COST OF GENERATED POWER	37,960,739	27,242,810	31,682,336	31,086,572	26,606,484	31,402,689	185,981,629
7	TOTAL COST OF PURCHASED POWER	13,433,163	15,962,045	14,192,650	12,709,502	11,057,811	15,984,690	83,339,862
8	TOTAL COST OF POWER SALES	(6,385,337)	(3,374,361)	(2,231,058)	(2,032,830)	(1,771,300)	(1,521,280)	(17,316,166)
9	TOTAL FUEL AND NET POWER	45,008,565	39,830,494	43,643,928	41,763,244	35,892,995	45,866,099	252,005,325
10	Jurisd. Percentage	95.53	96.06	96.34	97.17	97.51	96.91	96.58
11	Jurisd. Loss Multiplier	1.0014	1.0014	1.0014	1.0014	1.0014	1.0014	1.0012
12	JURISDICTIONAL FUEL COST	43,056,881	38,314,740	42,105,776	40,636,685	35,048,333	44,512,040	243,674,455
	COST RECOVERY							
13	NET FUEL REVENUE LESS EXPENSE	3,095,737	1,151,015	(5,070,070)	(704,940)	3,326,398	(8,209,676)	
14	INTEREST PROVISION (2)	(37,225)	(18,082)	(19,037)	(24,506)	(9,711)	(12,980)	
15	CURRENT CYCLE BALANCE	3,058,512	4,191,445	(897,662)	(1,627,108)	1,689,579	(6,533,077)	
16	plus: PRIOR PERIOD BALANCE (3)	(10,032,296)	(10,032,296)	(10,032,296)	(10,032,296)	(10,032,296)	(10,032,296)	
17	plus: CUMULATIVE TRUE-UP PROVISION	1,774,906	3,549,812	5,324,718	7,099,624	8,874,530	10,649,438	
18	TOTAL RETAIL BALANCE	(5,198,878)	(2,291,039)	(5,605,240)	(4,559,780)	531,813	(5,915,935)	

TRUE-UP COMPUTATION: ($5,915,935) X (100 cents/$) / 16,028,890 Jurisdict. MWH = -0.0369 cents/kwh

(1): Computed using effective fuel adjustment, on pre-tax basis, of 1.7815 cents/kwh.

(2): Interest for period calculated at the November 1995 ending rate of 0.4833% (monthly).

(3): Actual Jurisdictional True-Up Balance (as filed on Schedule A2, page 3 of 4) for the month of September, 1995.

COMPANY: FPC

COMPARISON OF ACTUAL/REVISED ESTIMATE VERSUS ORIGINAL ESTIMATE
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
For the Period of: October 1995 through March 1996

SCHEDULE E1-B
Sheet 2

	DOLLARS				MWH				¢/kwh			
	ACTUAL/ REV ESTIMATE	ORIGINAL ESTIMATE	DIFFERENCE AMOUNT	%	ACTUAL/ REV ESTIMATE	ORIGINAL ESTIMATE	DIFFERENCE AMOUNT	%	ACTUAL/ REV.EST.	ORIGINAL ESTIMATE	DIFFERENCE AMOUNT	%
1 Fuel Cost of System Net Generation (E3)	183,227,871	159,890,455	23,337,416	14.6	11,437,243	10,617,595	819,648	7.7	1.6020	1.5059	0.0961	6.4
2 Spent Nuclear Fuel Disposal Cost	2,506,933	2,548,589	(41,656)	(1.6)	2,668,040 *	2,725,763 *	(57,723)	(2.1)	0.0940	0.0935	0.0005	0.5
3 Coal Car Investments	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 Adjustments to Fuel Cost	290,260	337,518	(47,258)	(14.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	186,025,064	162,776,562	23,248,502	14.3	11,437,243	10,617,595	819,648	7.7	1.6265	1.5331	0.0934	6.1
6 Energy Cost of Purchased Power (Excl. ECON & COGEN	8,397,053	14,246,520	(5,849,467)	(41.1)	454,502	765,546	(311,044)	(40.6)	1.8475	1.8610	(0.0135)	(0.7)
7 Energy Cost of Sch.C,X Economy Purchases (Broker)	5,340,592	5,865,450	(524,858)	(9.0)	245,640	255,000	(9,360)	(3.7)	2.1742	2.3002	(0.1260)	(5.5)
8 Energy Cost of Economy Purchases (Non-Broker) (E9)	513,239	446,190	67,049	15.0	16,246	18,000	(1,754)	(9.7)	3.1592	2.4788	0.6804	27.5
9 Energy Cost of Sched. E Economy Purchases (E9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 Capacity Cost of Economy Purchases (E9)	0	0	0	0.0	0 *	0 *	0	0.0	0.0000	0.0000	0.0000	0.0
11 Payments to Qualifying Facilities (E8)	69,088,978	71,343,180	(2,254,202)	(3.2)	3,514,606	3,616,658	(102,052)	(2.8)	1.9658	1.9726	(0.0068)	(0.3)
12 TOTAL COST OF PURCHASED POWER	83,339,862	91,901,340	(8,561,478)	(9.3)	4,230,994	4,655,204	(424,210)	(9.1)	1.9697	1.9742	(0.0045)	(0.2)
13 TOTAL AVAILABLE KWH					15,668,237	15,272,799	395,438	2.6				
14 Fuel Cost of Economy Sales (E6)	(7,167,313)	(4,027,850)	(3,139,463)	77.9	(430,352)	(240,000)	(190,352)	79.3	1.6655	1.6783	(0.0128)	(0.8)
14aGain on Economy Sales - 80% (E6)	(909,396)	(768,000)	(141,396)	18.4	(430,352)*	(240,000)*	(190,352)	79.3	0.2113	0.3200	(0.1087)	(34.0)
15 Fuel Cost of Other Power Sales (E6)	(280,617)	0	(280,617)	0.0	(13,254)	0	(13,254)	0.0	2.1172	0.0000	2.1172	0.0
15aGain on Other Power Sales (E6)	0	0	0	0.0	(13,254)*	0 *	(13,254)	0.0	0.0000	0.0000	0.0000	0.0
16 Fuel Cost of Unit Power Sales (E6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16aGain on Unit Power Sales (E6)	0	0	0	0.0	0 *	0 *	0	0.0	0.0000	0.0000	0.0000	0.0
17 Fuel Cost of Stratified Sales (E6)	(8,958,840)	(6,475,200)	(2,483,640)	38.4	(390,969)	(340,802)	(50,167)	14.7	2.2914	1.9000	0.3914	20.6
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(17,316,166)	(11,271,050)	(6,045,116)	53.6	(834,575)	(580,802)	(253,773)	43.7	2.0748	1.9406	0.1342	6.9
19 Net Inadvertent Interchange					8,754	0	8,754					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	252,048,760	243,406,852	8,641,908	3.6	14,842,416	14,691,997	150,419	1.0	1.6982	1.6567	0.0415	2.5
21 Net Unbilled	(7,976,259)*	(8,533,082)*	556,823	(6.5)	465,969	515,065	(49,096)	(9.5)	(0.0553)	(0.0597)	0.0044	(7.4)
22 Company Use	1,652,804 *	1,565,582 *	87,222	5.6	(96,933)	(94,500)	(2,433)	2.6	0.0115	0.0110	0.0005	4.6
23 T & D Losses	13,271,269 *	13,699,782 *	(428,513)	(3.1)	(782,417)	(826,932)	44,515	(5.4)	0.0920	0.0959	(0.0039)	(4.1)
24 Adjusted System KWH Sales	252,048,760	243,406,852	8,641,908	3.6	14,429,035	14,285,630	143,405	1.0	1.7468	1.7039	0.0429	2.5
25 Wholesale KWH Sales (Excluding Supplemental Sales)	(8,669,540)	(7,963,707)	(705,833)	8.9	(498,025)	(471,670)	(26,355)	5.6	1.7408	1.6884	0.0524	3.1
26 Jurisdictional KWH Sales	243,379,220	235,443,145	7,936,075	3.4	13,931,010	13,813,960	117,050	0.9	1.7470	1.7044	0.0426	2.5
26aJurisdictional Loss Multiplier	x 1.0012	x 1.0014										
27 Jurisdictional KWH Sales Adjusted for Line Losses:	243,674,455	235,772,766	7,901,689	3.4	13,931,010	13,813,960	117,050	0.9	1.7492	1.7068	0.0424	2.5
28.Prior Period True-Up*	10,649,438	10,649,438	(0)	0.0	13,931,010	13,813,960	117,050	0.9	0.0764	0.0771	(0.0007)	(0.9)
28aMarket Price True-Up for 1994 **	0	(503,961)	503,961	(100.0)	13,931,010	13,813,960	117,050	0.9	0.0000	(0.0036)	0.0036	(100.0)
29 TOTAL JURISDICTIONAL FUEL COST	254,323,893	245,918,243	8,405,650	3.4	13,931,010	13,813,960	117,050	0.9	1.8256	1.7802	0.0454	2.6
30 REVENUE TAX FACTOR									1.00083	1.00083		
31 FUEL FACTOR ADJUSTED FOR TAXES									1.8271	1.7817	0.0454	2.6
32 GPIF **	183,528	183,528	0	0.0	13,931,010	13,813,960	117,050	0.9	0.0013	0.0013	0.0000	0.0
33 FUEL FACTOR to the nearest .001 ¢/kwh									1.828	1.783	0.045	2.5

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

COMPANY: FPC

SCHEDULE E1-C

CALCULATION OF GENERATING PERFORMANCE INCENTIVE
AND TRUE-UP ADJUSTMENT FACTORS

For the Period of: April 1996 through September 1996

1. TOTAL AMOUNT OF ADJUSTMENTS:	
A. GENERATING PERFORMANCE INCENTIVE REWARD/(PENALTY)	$1,381,926
B. TRUE-UP (OVER)/UNDER RECOVERY	$5,915,935
2. JURISDICTIONAL KWH SALES (projected period)	16,028,890 mwh
3. ADJUSTMENT FACTORS (¢/kwh):	
A. GENERATING PERFORMANCE INCENTIVE FACTOR	0.0086 ¢/kwh
B. TRUE-UP FACTOR	0.0369 ¢/kwh

Company: FPC

Schedule E1-D

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

CALCULATION OF LEVELIZED FUEL COST FACTORS

For the Period of: April 1996 through September 1996

Line			
1.	Period Jurisdictional Fuel Cost (E1, L. 27)	$294,950,343	
2.	Prior Period True-up (E1, L. 28)	5,915,935	
3.	Regulatory Assessment Fee (E1, L. 30)	249,719	
4.	GPIF (E1, L. 32)	1,381,926	

5.	Total Jurisdictional Fuel Cost	$302,497,923	
6.	Jurisdictional Sales	16,028,890	MWH
7.	Jurisdictional Cost per KWH Sold (L. 5 / L. 6 / 10)	1.887	¢/kWh
8.	Effective Jurisdictional Sales (See below)	15,998,568	MWH
	LEVELIZED FUEL FACTORS:		
9.	Fuel Factor at Secondary Metering (L. 5 / L. 8 / 10)	1.891	¢/kWh
10.	Fuel Factor at Primary Metering (L. 9 * .99)	1.872	¢/kWh
11.	Fuel Factor at Transmission Metering (L. 9 * .98)	1.853	¢/kWh

	JURISDICTIONAL SALES (MWH)	
METERING VOLTAGE:	@ METER	EFFECTIVE @ SECONDARY *
Distribution Secondary	13,436,822	13,436,822
Distribution Primary	2,151,819	2,130,302
Transmission	440,249	431,444
	------	------
Total	16,028,890	15,998,568

* Reflects Metering Reduction Factor of 1% for Primary and 2% for Transmission.

9

Company: FPC

Schedule E1-E

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

CALCULATION OF FINAL FUEL COST FACTORS

For the Period of: April 1996 through September 1996

Line:	Metering Voltage:	(1) LEVELIZED FACTORS ¢/kWh	(2) ---- TIME OF USE ---- ON-PEAK MULTIPLIER 1.309	(3) OFF-PEAK MULTIPLIER 0.833
1.	Distribution Secondary	1.891	2.475	1.575
2.	Distribution Primary	1.872	2.450	1.559
3.	Transmission	1.853	2.426	1.544
4.	Lighting Service	1.744	-	-

7

Col. (1): Copied from Schedule E1 (Levelized).
Col. (2): Calculated as col.(1) * Off-Peak multiplier 1.309
Col. (3): Calculated as col.(1) * Off-Peak multiplier 0.833
Line 4: Calculated at secondary rate 1.891 * (18.7% * On-Peak multiplier 1.309 + 81.3% * Off-Peak multiplier 0.833).

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)
4/96	798,591	16,023,107	2.006	1,578,999	26,614,221	1.686	2,377,590	42,637,328	1.793
5/96	1,053,756	28,255,881	2.681	1,833,234	32,177,281	1.755	2,886,990	60,433,162	2.093
6/96	1,129,916	35,526,317	3.144	2,055,180	37,263,922	1.813	3,185,096	72,790,239	2.285
7/96	1,205,652	35,484,214	2.943	2,245,095	41,356,475	1.842	3,450,747	76,840,689	2.227
8/96	1,219,341	37,172,830	3.049	2,250,534	41,357,863	1.838	3,469,875	78,530,693	2.263
9/96	1,142,400	32,212,888	2.820	2,116,719	38,053,445	1.798	3,259,119	70,266,333	2.156
TOTAL	6,549,656	184,675,237	2.820	12,079,761	216,823,207	1.795	18,629,417	401,498,444	2.155
MARGINAL FUEL COST WEIGHTING MULTIPLIER			ON-PEAK 1.309			OFF-PEAK 0.833			AVERAGE 1.000

COMPANY: FPC

Schedule E1-F

DEVELOPMENT OF JURISDICTIONAL AND RETAIL DELIVERY LOSS MULTIPLIERS

BASED ON ACTUAL CALENDAR YEAR 1994 DATA

For the Period of: April 1996 through September 1996

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ENERGY DELIVERED					ENERGY REQ'D @ SOURCE		JURISDICTIONAL
	SALES MWH	UNBILLED MWH	TOTAL MWH	% OF TOTAL	PER UNIT DELIVERY EFFICIENCY	MWH (3)/(5)	% OF TOTAL	LOSS MULTIPLIER 0.9469891/COL(5)
I. CLASS LOADS								
A. RETAIL - FIRM								
1. TRANSMISSION (Metering)	27,816	(77)	27,739		0.9696000	28,609		
2. DISTRIBUTION PRIMARY	2,232,521	(6,210)	2,226,311		0.9596000	2,320,041		
3. DISTRIBUTION SECONDARY	23,264,908	(64,721)	23,200,187		0.9427421	24,609,262		
SUBTOTAL	25,525,245	(71,008)	25,454,237		0.9442214	26,957,912		
B. RETAIL - NON-FIRM								
1. TRANSMISSION (Metering)	692,002	(1,925)	690,077		0.9696000	711,713		
2. DISTRIBUTION PRIMARY	1,440,765	(4,007)	1,436,758		0.9596000	1,497,247		
3. DISTRIBUTION SECONDARY	17,209	(47)	17,162		0.9427421	18,204		
SUBTOTAL	2,149,976	(5,979)	2,143,997		0.9626579	2,227,164		
TOTAL RETAIL	27,675,221	(76,987)	27,598,234	96.00%	0.9456283	29,185,076	96.14%	1.0014
C. WHOLESALE								
1. SOURCE LEVEL	473,094	(6,494)	466,600		1.0000000	466,600		
2. TRANSMISSION	591,376	(1,878)	589,498		0.9696000	607,981		
4. DISTRIBUTION PRIMARY	94,088	(332)	93,756		0.9596000	97,703		
5. DISTRIBUTION SECONDARY	0	0	0		0.9427421	0		
TOTAL WHOLESALE	1,158,558	(8,704)	1,149,854	4.00%	0.9808664	1,172,284	3.86%	0.9655
TOTAL CLASS LOADS	28,833,779	(85,691)	28,748,088	100.00%	0.9469891	30,357,360	100.00%	1.0000
II. NON-CLASS LOADS								
A. COMPANY USE	184,524	0	184,524		0.9427421	195,731		
B. SEMINOLE ELECTRIC CO-OP	455,521	(45,159)	410,362		1.0000000	410,362		
C. KISSIMMEE	100,471	(198)	100,273		0.9696000	103,417		
D. ST. CLOUD	91,539	(181)	91,358		0.9696000	94,222		
E. INTERCHANGE	520,450	0	520,450		1.0000000	520,450		
F. SEPA	12,856	0	12,856		1.0000000	12,856		
TOTAL NON-CLASS	1,365,361	(45,538)	1,319,823		0.9871245	1,337,038		
TOTAL SYSTEM	30,199,140	(131,229)	30,067,911		0.9486822	31,694,398		

COMPANY: FPC

SCHEDULE E2

FUEL AND PURCHASED POWER COST RECOVERY CALCULATION

Estimated For The Period of:
April 1996 through September 1996

			Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	TOTAL
1	Fuel Cost of Sys.Net Generation		$26,381,404	$29,766,001	$38,691,405	$43,151,119	$43,983,807	$40,549,810	$222,523,546
1a	Nuclear Fuel Disposal Cost		251,541	522,605	500,414	517,094	517,094	500,414	2,809,162
1b	Adjustments to Fuel Cost		42,383	42,120	75,969	109,609	108,930	108,248	487,259
2	Fuel Cost of Power Sold		(239,700)	(244,500)	(679,200)	(1,814,000)	(2,236,800)	(1,844,000)	(7,058,200)
2a	Fuel Cost of Stratified Sales		(1,213,680)	(373,140)	(1,831,110)	(2,902,310)	(4,481,240)	(4,920,290)	(15,721,770)
2b	Gains on Power Sales		(48,000)	(48,000)	(128,000)	(320,000)	(384,000)	(320,000)	(1,248,000)
3	Fuel Cost of Purchased Power		1,677,590	3,894,340	3,758,780	3,645,810	3,487,940	3,369,470	19,833,930
3a	Recov. Non-Fuel Cost of Econ.Purchs		0	0	0	113,600	113,600	113,600	340,800
3b	Payments to Qualifying Facilities		11,312,350	12,085,810	11,758,150	12,202,740	12,226,290	11,755,400	71,340,740
4	Fuel Cost of Economy Purchases		1,693,073	2,103,517	1,413,913	2,074,281	2,300,353	1,338,064	10,923,201
5	Total Fuel & Net Power Transacts.		$39,856,961	$47,748,753	$53,560,321	$56,777,943	$55,635,974	$50,650,716	$304,230,668
6	Adjusted System Sales	MWH	2,228,295	2,321,787	2,754,172	3,028,590	3,119,423	3,104,635	16,556,902
7	System Cost per KWH Sold	¢/kwh	1.7887	2.0566	1.9447	1.8747	1.7835	1.6315	1.8375
7a	Jurisdictional Loss Multiplier	x	1.0014	1.0014	1.0014	1.0014	1.0014	1.0014	1.0014
7b	Jurisdict. Cost per KWH Sold	¢/kwh	1.7912	2.0594	1.9474	1.8774	1.7860	1.6337	1.8401
8	Prior Period True-Up	¢/kwh	0.0456	0.0439	0.0370	0.0336	0.0326	0.0329	0.0369
9	Total Jurisd. Fuel Expense	¢/kwh	1.8368	2.1033	1.9844	1.9110	1.8186	1.6666	1.8770
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	¢/kwh	1.8383	2.1050	1.9860	1.9126	1.8201	1.6680	1.8786
12	GPIF	¢/kwh	0.0107	0.0102	0.0086	0.0079	0.0076	0.0077	0.0086
13	Total Fuel Cost Factor rounded to nearest .001	¢/kwh	1.849	2.115	1.995	1.921	1.828	1.676	1.887

COMPANY: FPC

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

SCHEDULE E3

Estimated for the Period of:
April 1996 through September 1996

		Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	PERIOD TOTAL
	FUEL COST OF SYSTEN NET GENERATION (DOLLARS)							
1	HEAVY OIL	3,909,998	8,162,254	8,520,827	10,265,317	10,174,397	9,307,076	50,339,869
2	LIGHT OIL	112,835	479,813	1,654,188	1,493,425	2,075,610	1,100,311	6,916,182
3	COAL	20,648,576	16,919,536	23,805,078	26,659,697	27,060,681	25,805,100	140,898,668
4	GAS	479,131	2,041,668	2,601,277	2,560,576	2,501,015	2,227,288	12,410,955
5	NUCLEAR	920,907	1,914,764	1,862,069	1,924,138	1,924,138	1,862,069	10,408,085
6	OTHER	309,957	247,966	247,966	247,966	247,966	247,966	1,549,787
7	TOTAL ($)	$26,381,404	$29,766,001	$38,691,405	$43,151,119	$43,983,807	$40,549,810	$222,523,546
	SYSTEM NET GENERATION (MWH)							
8	HEAVY OIL	154,328	364,005	384,384	493,347	498,300	454,178	2,348,542
9	LIGHT OIL	2,553	9,708	33,490	30,723	42,811	23,233	142,518
10	COAL	1,155,350	958,901	1,329,249	1,484,705	1,507,811	1,434,491	7,870,507
11	GAS	27,789	87,138	111,063	108,631	105,879	95,310	535,810
12	NUCLEAR	269,028	558,936	535,202	553,042	553,042	535,202	3,004,452
13	OTHER	0	0	0	0	0	0	0
14	TOTAL (MWH)	1,609,048	1,978,688	2,393,388	2,670,448	2,707,843	2,542,414	13,901,829
	UNITS OF FUEL BURNED							
15	HEAVY OIL (BBL)	264,178	559,802	589,931	746,000	751,600	690,546	3,602,057
16	LIGHT OIL (BBL)	4,647	19,769	69,415	63,698	89,759	48,050	295,338
17	COAL (TONS)	439,315	367,144	506,893	565,126	573,354	545,830	2,997,662
18	GAS (MCF)	275,576	951,576	1,215,821	1,195,618	1,171,253	1,051,630	5,861,475
19	NUCLEAR (MMBTU)	2,790,627	5,802,315	5,642,635	5,830,722	5,830,722	5,642,635	31,539,655
20	OTHER (BBL)	12,931	10,345	10,345	10,345	10,345	10,345	64,656
	BTU'S BURNED (MILLION BTU)							
21	HEAVY OIL	1,690,742	3,582,730	3,775,560	4,774,399	4,810,243	4,419,493	23,053,167
22	LIGHT OIL	26,954	114,659	402,610	369,449	520,601	278,689	1,712,962
23	COAL	11,037,558	9,230,234	12,735,997	14,197,470	14,404,189	13,712,232	75,317,681
24	GAS	275,576	951,576	1,215,821	1,195,618	1,171,253	1,051,630	5,861,475
25	NUCLEAR	2,790,627	5,802,315	5,642,635	5,830,722	5,830,722	5,642,635	31,539,655
26	OTHER	75,000	60,000	60,000	60,000	60,000	60,000	375,000
27	TOTAL (MBTU)	15,896,458	19,741,515	23,832,623	26,427,658	26,797,009	25,164,678	137,859,940
	GENERATION MIX (% MWH)							
28	HEAVY OIL	9.59	18.40	16.06	18.47	18.40	17.86	16.89
29	LIGHT OIL	0.16	0.49	1.40	1.15	1.58	0.91	1.03
30	COAL	71.80	48.46	55.54	55.60	55.68	56.42	56.61
31	GAS	1.73	4.40	4.64	4.07	3.91	3.75	3.85
32	NUCLEAR	16.72	28.25	22.36	20.71	20.42	21.05	21.61
33	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	TOTAL (%)	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	FUEL COST ($/UNIT)							
35	HEAVY OIL	14.80	14.58	14.44	13.76	13.54	13.48	13.98
36	LIGHT OIL	24.28	24.27	23.83	23.45	23.12	22.90	23.42
37	COAL	47.00	46.08	46.96	47.17	47.20	47.28	47.00
38	GAS	1.74	2.15	2.14	2.14	2.14	2.12	2.12
39	NUCLEAR	0.33	0.33	0.33	0.33	0.33	0.33	0.33
40	OTHER	23.97	23.97	23.97	23.97	23.97	23.97	23.97
	FUEL COST PER MILLION BTU ($/MBTU)							
41	HEAVY OIL	2.31	2.28	2.26	2.15	2.12	2.11	2.18
42	LIGHT OIL	4.19	4.18	4.11	4.04	3.99	3.95	4.04
43	COAL	1.87	1.83	1.87	1.88	1.88	1.88	1.87
44	GAS	1.74	2.15	2.14	2.14	2.14	2.12	2.12
45	NUCLEAR	0.33	0.33	0.33	0.33	0.33	0.33	0.33
46	OTHER	4.13	4.13	4.13	4.13	4.13	4.13	4.13
47	SYSTEM ($/MBTU)	1.66	1.51	1.62	1.63	1.64	1.61	1.61
	BTU BURNED PER KWH (BTU/KWH)							
48	HEAVY OIL	10,956	9,843	9,822	9,678	9,653	9,731	9,816
49	LIGHT OIL	10,558	11,811	12,022	12,025	12,160	11,995	12,019
50	COAL	9,553	9,626	9,581	9,562	9,553	9,559	9,570
51	GAS	9,917	10,920	10,947	11,006	11,062	11,034	10,939
52	NUCLEAR	10,373	10,381	10,543	10,543	10,543	10,543	10,498
53	OTHER	0	0	0	0	0	0	0
54	SYSTEM (BTU/KWH)	9,879	9,977	9,958	9,896	9,896	9,898	9,917
	GENERATION FUEL COST PER KWH (CENTS/KWH)							
55	HEAVY OIL	2.53	2.24	2.22	2.08	2.04	2.05	2.14
56	LIGHT OIL	4.42	4.94	4.94	4.86	4.85	4.74	4.85
57	COAL	1.79	1.76	1.79	1.80	1.79	1.80	1.79
58	GAS	1.72	2.34	2.34	2.36	2.36	2.34	2.32
59	NUCLEAR	0.34	0.34	0.35	0.35	0.35	0.35	0.35
60	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	SYSTEM (CENTS/KWH)	1.64	1.50	1.62	1.62	1.62	1.59	1.60

COMPANY: FPC

SYSTEM NET GENERATION AND FUEL COST

SCHEDULE E4

Estimated for the Month of: Apr-96

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT /UNIT	NET CAPAC. (MW)	NET GENERATION (MWH)	CAPAC. FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FACTOR (%)	AVG.NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	HEAT VALUE (MBTU/ UNIT)	FUEL BURNED (MBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (¢/KWH)
1	CR NUC 3	755	269,028	49.5	49.5	100.0	10,373	NUCL	2,790,627 MBTU	1.00	2,790,627	920,907	0.34
2	CRYSTAL 1	373	145,188	54.1	71.0	73.8	10,113	COAL	58,265 TONS	25.20	1,468,286	2,473,309	1.70
3	CRYSTAL 1		214				10,113	L OIL	373 BBLS	5.80	2,164	9,002	4.21
4	CRYSTAL 2	469	265,579	78.8	85.8	92.9	9,927	COAL	104,619 TONS	25.20	2,636,403	4,440,985	1.67
5	CRYSTAL 2		516				9,927	L OIL	883 BBLS	5.80	5,122	21,305	4.13
6	CRYSTAL 4	717	251,789	48.9	60.8	80.0	9,413	COAL	94,501 TONS	25.08	2,370,090	4,695,239	1.86
7	CRYSTAL 4		826				9,413	L OIL	1,341 BBLS	5.80	7,775	32,339	3.92
8	CRYSTAL 5	717	492,794	95.5	97.0	98.0	9,259	COAL	181,929 TONS	25.08	4,562,780	9,039,043	1.83
9	CRYSTAL 5		0				0	L OIL	0 BBLS	5.80	0	0	0.00
10	ANCLOTE 1	517	95,839	25.7	97.8	47.7	10,456	H OIL	156,577 BBLS	6.40	1,002,093	2,318,035	2.42
11	ANCLOTE 2	517	54,095	14.5	97.4	29.7	11,871	H OIL	100,338 BBLS	6.40	642,162	1,485,445	2.75
12	BARTOW 1	117	1,980	2.4	99.9	81.4	10,543	H OIL	3,262 BBLS	6.40	20,875	47,832	2.42
13	BARTOW 2	119	2,414	2.8	99.8	83.8	10,610	H OIL	4,002 BBLS	6.40	25,613	58,687	2.43
14	BARTOW 3	213	0	0.0	0.0	0.0	0	H OIL	0 BBLS	6.40	0	0	0.00
15	BARTOW 3		0				0	GAS	0 MCF	1.00	0	0	0.00
16	SUWANNEE 3	80	0	2.0	100.0	70.1	0	L OIL	0 BBLS	5.80	0	0	0.00
17	SUWANNEE 3		1,161				13,044	GAS	15,144 MCF	1.00	15,144	38,012	3.27
18	DEBARY 1-6	390	4	0.0	100.0	61.5	12,160	L OIL	8 BBLS	5.80	49	210	5.24
19	DEBARY 7-10	396	164	0.1	100.0	75.3	12,180	L OIL	344 BBLS	5.80	1,998	8,605	5.25
20	INT CITY 1-6	354	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
21	INT CITY 7-10	396	306	0.6	100.0	81.9	12,251	L OIL	646 BBLS	5.80	3,749	15,753	5.15
22	INT CITY 7-10		1,364				12,251	GAS	16,710 MCF	1.00	16,710	37,598	2.76
23	INT CITY 11	165	518	0.4	100.0	73.0	11,651	L OIL	1,041 BBLS	5.80	6,035	25,360	4.90
24	PAVON PK 1-2	64	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
25	PBARTOW 1-4	217	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
26	PBAYBORO 1-4	232	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
27	PHIGGINS 1-2	74	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
28	PHIGGINS 3-4	84	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
29	PINAR 1	18	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
30	P SWAN 1-3	201	5	0.0	100.0	74.6	12,419	L OIL	11 BBLS	5.80	62	262	5.24
31	PTURNER 1-2	36	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
32	PTURNER 3-4	164	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
33	ST JOE 1	18	0	0	0	0.0	0	L OIL	0 BBLS	5.8	0	0	0.00
34	UNIVERS 1	42	25,264	83.5	96.0	87.0	9,647	GAS	243,722 MCF	1.00	243,722	403,521	1.60
35	OTHER	0	0	0.0	0.0	0.0	0	S OIL	12,931 BBLS	5.80	75,000	309,957	0.00
36													
37													
38													
39													
40													
	TOTAL	7,445	1,609,048				9,879				15,896,458	26,381,404	1.64

COMPANY: FPC

SYSTEM NET GENERATION AND FUEL COST

SCHEDULE E4

Estimated for the Month of: May-96

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT /UNIT		NET CAPAC. (MW)	NET GENERATION (MWH)	CAPAC. FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	HEAT VALUE (MBTU/ UNIT)	FUEL BURNED (MBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (¢/KWH)
1	CR NUC	3	759	558,936	99.0	99.0	100.0	10,381	NUCL	5,802,315 MBTU	1.00	5,802,315	1,914,764	0.34
2	CRYSTAL	1	372	210,675	76.2	92.6	79.6	10,022	COAL	83,785 TONS	25.20	2,111,385	3,555,838	1.69
3	CRYSTAL	1		216				10,022	L OIL	373 BBLS	5.80	2,165	9,004	4.17
4	CRYSTAL	2	468	256,524	73.8	85.8	87.0	9,996	COAL	101,755 TONS	25.20	2,564,214	4,318,459	1.68
5	CRYSTAL	2		512				9,996	L OIL	882 BBLS	5.80	5,118	21,287	4.16
6	CRYSTAL	4	697	0	0.0	0.0	0.0	0	COAL	0 TONS	25.08	0	0	0.00
7	CRYSTAL	4		0				0	L OIL	0 BBLS	5.80	0	0	0.00
8	CRYSTAL	5	697	491,702	94.8	97.0	97.3	9,263	COAL	181,604 TONS	25.08	4,554,636	9,045,239	1.84
9	CRYSTAL	5		0				0	L OIL	0 BBLS	5.80	0	0	0.00
10	ANCLOTE	1	503	172,758	46.2	97.4	73.0	9,716	H OIL	262,268 BBLS	6.40	1,678,517	3,821,317	2.21
11	ANCLOTE	2	503	154,117	41.2	96.9	70.3	9,802	H OIL	236,040 BBLS	6.40	1,510,655	3,439,162	2.23
12	BARTOW	1	115	15,193	17.8	99.1	84.6	10,542	H OIL	25,026 BBLS	6.40	160,165	366,991	2.42
13	BARTOW	2	117	18,666	21.4	98.7	88.6	10,680	H OIL	31,149 BBLS	6.40	199,353	456,784	2.45
14	BARTOW	3	208	3,271	27.9	87.3	71.5	10,407	H OIL	5,319 BBLS	6.40	34,041	78,000	2.38
15	BARTOW	3		39,919				10,782	GAS	430,407 MCF	1.00	430,407	946,895	2.37
16	SUWANNEE	3	80	0	15.4	99.9	79.5	0	L OIL	0 BBLS	5.80	0	0	0.00
17	SUWANNEE	3		9,194				12,574	GAS	115,605 MCF	1.00	115,605	290,169	3.16
18	DEBARY	1-6	324	491	0.2	100.0	87.4	12,184	L OIL	1,031 BBLS	5.80	5,982	25,473	5.19
19	DEBARY	7-10	332	3,113	1.3	99.9	83.5	12,037	L OIL	6,461 BBLS	5.80	37,471	159,555	5.13
20	INT CITY	1-6	282	2	0.0	100.0	42.6	13,985	L OIL	5 BBLS	5.80	28	116	5.78
21	INT CITY	7-10	332	2,138	6.5	99.7	88.3	11,913	L OIL	4,391 BBLS	5.80	25,470	105,337	4.93
22	INT CITY	7-10		13,826				12,342	GAS	170,640 MCF	1.00	170,640	383,941	2.78
23	INT CITY	11	135	3,027	3.0	99.8	77.6	11,807	L OIL	6,162 BBLS	5.80	35,740	147,810	4.88
24	PAVON PK	1-2	58	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
25	PBARTOW	1-4	187	18	0.0	100.0	96.3	13,094	L OIL	41 BBLS	5.80	236	936	5.20
26	PBAYBORO	1-4	188	11	0.0	100.0	78.0	13,071	L OIL	25 BBLS	5.80	144	595	5.41
27	PHIGGINS	1-2	58	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
28	PHIGGINS	3-4	70	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
29	PINAR	1	15	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
30	P SWAN	1-3	162	137	0.1	100.0	84.6	12,856	L OIL	304 BBLS	5.80	1,761	7,426	5.42
31	PTURNER	1-2	30	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.00
32	PTURNER	3-4	130	43	0.0	100.0	82.7	12,658	L OIL	94 BBLS	5.80	544	2,274	5.29
33	ST JOE	1	15	0	0	0	0.0	0	L OIL	0 BBLS	5.8	0	0	0.00
34	UNIVERS	1	36	24,199	90.3	96.0	94.1	9,708	GAS	234,924 MCF	1.00	234,924	420,663	1.74
35	OTHER		0	0	0.0	0.0	0.0	0	S OIL	10,345 BBLS	5.80	60,000	247,966	0.00
36														
37														
38														
39														
40														
	TOTAL		6,873	1,978,688				9,977				19,741,515	29,766,001	1.50

COMPANY: FPC

SYSTEM NET GENERATION AND FUEL COST

SCHEDULE E4

Estimated for the Month of: Jun-96

	(A) PLANT /UNIT		(B) NET CAPAC. (MW)	(C) NET GENERATION (MWH)	(D) CAPAC. FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG.NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)		(J) HEAT VALUE (MBTU/ UNIT)	(K) FUEL BURNED (MBTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (¢/KWH)
1	CR NUC	3	751	535,202	99.0	99.0	100.0	10,543	NUCL	5,642,635	MBTU	1.00	5,642,635	1,862,069	0.35
2	CRYSTAL	1	369	205,558	77.5	92.6	80.9	10,064	COAL	82,093	TONS	25.20	2,068,736	3,478,501	1.69
3	CRYSTAL	1		215				10,064	L OIL	373	BBLS	5.80	2,164	8,826	4.11
4	CRYSTAL	2	464	281,163	84.3	85.8	99.4	9,920	COAL	110,680	TONS	25.20	2,789,137	4,689,828	1.67
5	CRYSTAL	2		516				9,920	L OIL	883	BBLS	5.80	5,119	20,879	4.05
6	CRYSTAL	4	697	357,252	71.3	76.8	92.3	9,422	COAL	134,212	TONS	25.08	3,366,028	6,680,999	1.87
7	CRYSTAL	4		467				9,422	L OIL	759	BBLS	5.80	4,400	17,948	3.84
8	CRYSTAL	5	697	485,276	96.7	97.0	99.2	9,298	COAL	179,908	TONS	25.08	4,512,096	8,955,750	1.85
9	CRYSTAL	5		0				0	L OIL	0	BBLS	5.80	0	0	0.00
10	ANCLOTE	1	503	175,230	48.4	97.5	80.4	9,708	H OIL	265,802	BBLS	6.40	1,701,133	3,842,136	2.19
11	ANCLOTE	2	503	166,014	45.8	97.0	81.9	9,731	H OIL	252,419	BBLS	6.40	1,615,482	3,648,688	2.20
12	BARTOW	1	115	19,280	23.3	98.9	89.0	10,542	H OIL	31,758	BBLS	6.40	203,250	456,151	2.37
13	BARTOW	2	117	20,433	24.3	98.5	88.6	10,786	H OIL	34,436	BBLS	6.40	220,390	494,619	2.42
14	BARTOW	3	208	3,427	35.4	96.5	77.4	10,302	H OIL	5,516	BBLS	6.40	35,305	79,234	2.31
15	BARTOW	3		49,645				10,673	GAS	529,861	MCF	1.00	529,861	1,165,694	2.35
16	SUWANNEE	3	80	0	21.8	99.8	83.0	0	L OIL	0	BBLS	5.80	0	0	0.00
17	SUWANNEE	3		12,558				12,193	GAS	153,120	MCF	1.00	153,120	384,330	3.06
18	DEBARY	1-6	324	5,784	2.5	99.9	93.5	12,198	L OIL	12,164	BBLS	5.80	70,553	290,344	5.02
19	DEBARY	7-10	332	16,003	6.7	99.7	90.6	11,904	L OIL	32,845	BBLS	5.80	190,500	783,952	4.90
20	INT CITY	1-6	282	468	0.2	100.0	90.5	13,076	L OIL	1,055	BBLS	5.80	6,120	24,984	5.34
21	INT CITY	7-10	332	4,695	12.0	99.5	93.0	11,854	L OIL	9,596	BBLS	5.80	55,655	227,217	4.84
22	INT CITY	7-10		23,977				12,281	GAS	294,462	MCF	1.00	294,462	662,538	2.76
23	INT CITY	11	0	0	0.0	0.0	0.0	0	L OIL	0	BBLS	5.80	0	0	0.00
24	PAVON PK	1-2	58	9	0.0	100.0	100.0	15,156	L OIL	24	BBLS	5.80	136	592	6.58
25	PBARTOW	1-4	187	722	0.5	100.0	95.3	13,035	L OIL	1,623	BBLS	5.80	9,411	37,364	5.18
26	PBAYBORO	1-4	188	753	0.6	100.0	91.0	13,039	L OIL	1,693	BBLS	5.80	9,818	40,654	5.40
27	PHIGGINS	1-2	58	9	0.0	100.0	100.0	15,500	L OIL	24	BBLS	5.80	140	576	6.39
28	PHIGGINS	3-4	70	17	0.0	100.0	97.1	14,492	L OIL	42	BBLS	5.80	246	1,016	5.98
29	PINAR	1	15	1	0.0	100.0	66.7	16,100	L OIL	3	BBLS	5.80	16	68	6.77
30	P SWAN	1-3	162	2,535	2.2	100.0	93.1	12,628	L OIL	5,519	BBLS	5.80	32,012	131,585	5.19
31	PTURNER	1-2	30	3	0.0	100.0	100.0	16,823	L OIL	9	BBLS	5.80	50	211	7.03
32	PTURNER	3-4	130	1,292	1.4	99.9	88.0	12,580	L OIL	2,802	BBLS	5.80	16,253	67,901	5.26
33	ST JOE	1	15	1	0	100	66.7	16400	L OIL	3	BBLS	5.8	16	72	7.20
34	UNIVERS	1	36	24,883	96.0	96.0	100.0	9,580	GAS	238,379	MCF	1.00	238,379	388,714	1.56
35	OTHER		0	0	0.0	0.0	0.0	0	S OIL	10,345	BBLS	5.80	60,000	247,966	0.00
36															
37															
38															
39															
40															
	TOTAL		6,723	2,393,388				9,958					23,832,623	38,691,405	1.62

COMPANY: FPC

SYSTEM NET GENERATION AND FUEL COST

SCHEDULE E4

Estimated for the Month of: Jul-96

	(A) PLANT /UNIT		(B) NET CAPAC. (MW)	(C) NET GENERATION (MWH)	(D) CAPAC. FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG.NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)		(J) HEAT VALUE (MBTU/ UNIT)	(K) FUEL BURNED (MBTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (¢/KWH)
1	CR NUC	3	751	553,042	99.0	99.0	100.0	10,543	NUCL	5,830,722	MBTU	1.00	5,830,722	1,924,138	0.35
2	CRYSTAL	1	369	222,493	81.1	92.6	84.7	10,042	COAL	88,662	TONS	25.20	2,234,275	3,756,701	1.69
3	CRYSTAL	1		216				10,042	L OIL	374	BBLS	5.80	2,169	8,848	4.10
4	CRYSTAL	2	464	284,865	82.7	85.8	97.4	9,930	COAL	112,250	TONS	25.20	2,828,709	4,756,181	1.67
5	CRYSTAL	2		515				9,930	L OIL	882	BBLS	5.80	5,114	20,860	4.05
6	CRYSTAL	4	697	475,895	91.9	96.0	95.2	9,397	COAL	178,309	TONS	25.08	4,471,985	8,884,166	1.87
7	CRYSTAL	4		506				9,397	L OIL	820	BBLS	5.80	4,755	19,395	3.83
8	CRYSTAL	5	697	501,452	96.7	97.0	99.2	9,298	COAL	185,905	TONS	25.08	4,662,501	9,262,649	1.85
9	CRYSTAL	5		0				0	L OIL	0	BBLS	5.80	0	0	0.00
10	ANCLOTE	1	503	228,933	61.2	96.8	76.9	9,539	H OIL	341,217	BBLS	6.40	2,183,792	4,692,525	2.05
11	ANCLOTE	2	503	209,916	56.1	96.1	77.0	9,604	H OIL	315,005	BBLS	6.40	2,016,033	4,332,046	2.06
12	BARTOW	1	115	23,969	28.0	98.7	88.3	10,463	H OIL	39,186	BBLS	6.40	250,788	541,556	2.26
13	BARTOW	2	117	27,025	31.0	98.2	89.5	10,628	H OIL	44,878	BBLS	6.40	287,222	620,232	2.30
14	BARTOW	3	208	3,504	32.7	96.5	71.6	10,435	H OIL	5,713	BBLS	6.40	36,564	78,958	2.25
15	BARTOW	3		47,061				10,811	GAS	508,776	MCF	1.00	508,776	1,119,308	2.38
16	SUWANNEE	3	80	0	20.9	99.8	88.4	0	L OIL	0	BBLS	5.80	0	0	0.00
17	SUWANNEE	3		12,439				12,231	GAS	152,141	MCF	1.00	152,141	381,875	3.07
18	DEBARY	1-6	324	5,790	2.4	99.9	93.2	12,198	L OIL	12,177	BBLS	5.80	70,626	284,506	4.91
19	DEBARY	7-10	332	13,893	5.6	99.8	92.1	11,887	L OIL	28,473	BBLS	5.80	165,146	665,262	4.79
20	INT CITY	1-6	282	493	0.2	100.0	90.4	13,066	L OIL	1,111	BBLS	5.80	6,442	26,298	5.33
21	INT CITY	7-10	332	4,063	11.1	99.5	91.0	11,886	L OIL	8,326	BBLS	5.80	48,293	197,162	4.85
22	INT CITY	7-10		23,418				12,314	GAS	288,369	MCF	1.00	288,369	648,831	2.77
23	INT CITY	11	0	0	0.0	0.0	0.0	0	L OIL	0	BBLS	5.80	0	0	0.00
24	PAVON PK	1-2	58	8	0.0	100.0	92.0	15,381	L OIL	21	BBLS	5.80	123	534	6.68
25	PBARTOW	1-4	187	700	0.5	100.0	95.4	13,041	L OIL	1,574	BBLS	5.80	9,129	36,242	5.18
26	PBAYBORO	1-4	188	740	0.5	100.0	91.5	13,036	L OIL	1,663	BBLS	5.80	9,647	39,943	5.40
27	PHIGGINS	1-2	58	9	0.0	100.0	100.0	15,395	L OIL	24	BBLS	5.80	139	572	6.35
28	PHIGGINS	3-4	70	19	0.0	100.0	90.5	14,545	L OIL	48	BBLS	5.80	276	1,140	6.00
29	PINAR	1	15	1	0.0	100.0	66.7	16,139	L OIL	3	BBLS	5.80	16	68	6.79
30	P SWAN	1-3	162	2,539	2.1	100.0	93.1	12,635	L OIL	5,531	BBLS	5.80	32,080	129,285	5.09
31	PTURNER	1-2	30	2	0.0	100.0	100.0	16,868	L OIL	6	BBLS	5.80	34	138	6.89
32	PTURNER	3-4	130	1,228	1.3	99.9	88.7	12,577	L OIL	2,663	BBLS	5.80	15,445	63,100	5.14
33	ST JOE	1	15	1	0	100	66.7	16399	L OIL	3	BBLS	5.8	16	72	7.20
34	UNIVERS	1	36	25,713	96.0	96.0	100.0	9,580	GAS	246,331	MCF	1.00	246,331	410,562	1.60
35	OTHER		0	0	0.0	0.0	0.0	0	S OIL	10,345	BBLS	5.80	60,000	247,966	0.00
36															
37															
38															
39															
40															
	TOTAL		6,723	2,670,448				9,896					26,427,658	43,151,118	1.62

COMPANY: FPC

SYSTEM NET GENERATION AND FUEL COST

SCHEDULE E4

Estimated for the Month of: Aug-96

	(A) PLANT /UNIT		(B) NET CAPAC. (MW)	(C) NET GENERATION (MWH)	(D) CAPAC. FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG.NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)		(J) HEAT VALUE (MBTU/ UNIT)	(K) FUEL BURNED (MBTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (¢/KWH)
1	CR NUC	3	751	553,042	99.0	99.0	100.0	10,543	NUCL	5,830,722	MBTU	1.00	5,830,722	1,924,138	0.35
2	CRYSTAL	1	369	227,676	83.0	92.6	86.7	10,031	COAL	9C,628	TONS	25.20	2,283,818	3,841,803	1.69
3	CRYSTAL	1		216				10,031	L OIL	374	BBLS	5.80	2,167	8,692	4.02
4	CRYSTAL	2	464	287,652	83.5	85.8	98.4	9,925	COAL	113,292	TONS	25.20	2,854,946	4,802,546	1.67
5	CRYSTAL	2		516				9,925	L OIL	883	BBLS	5.80	5,121	20,544	3.98
6	CRYSTAL	4	697	491,031	94.8	96.0	98.2	9,374	COAL	183,530	TONS	25.08	4,602,925	9,148,959	1.86
7	CRYSTAL	4		377				9,374	L OIL	609	BBLS	5.80	3,534	14,177	3.76
8	CRYSTAL	5	697	501,452	96.7	97.0	99.2	9,298	COAL	185,905	TONS	25.08	4,662,501	9,267,374	1.85
9	CRYSTAL	5		0				0	L OIL	0	BBLS	5.80	0	0	0.00
10	ANCLOTE	1	503	232,737	62.2	96.6	75.5	9,477	H OIL	344,633	BBLS	6.40	2,205,649	4,665,276	2.00
11	ANCLOTE	2	503	210,467	56.2	96.0	75.4	9,615	H OIL	316,194	BBLS	6.40	2,023,640	4,280,301	2.03
12	BARTOW	1	115	25,403	29.7	98.6	89.8	10,422	H OIL	41,367	BBLS	6.40	264,750	559,993	2.20
13	BARTOW	2	117	26,225	30.1	98.2	90.9	10,663	H OIL	43,693	BBLS	6.40	279,637	591,482	2.26
14	BARTOW	3	208	3,468	30.5	96.5	66.7	10,544	H OIL	5,714	BBLS	6.40	36,567	77,345	2.23
15	BARTOW	3		43,739				10,924	GAS	477,805	MCF	1.00	477,805	1,051,171	2.40
16	SUWANNEE	3	80	0	21.2	99.8	88.2	0	L OIL	0	BBLS	5.80	0	0	0.00
17	SUWANNEE	3		12,633				12,211	GAS	154,262	MCF	1.00	154,262	387,197	3.06
18	DEBARY	1-6	324	9,040	3.8	99.9	95.9	12,220	L OIL	19,046	BBLS	5.80	110,469	437,351	4.84
19	DEBARY	7-10	332	15,789	6.4	99.7	94.5	11,860	L OIL	32,286	BBLS	5.80	187,258	741,362	4.70
20	INT CITY	1-6	282	1,562	0.7	100.0	91.8	13,076	L OIL	3,522	BBLS	5.80	20,425	82,418	5.28
21	INT CITY	7-10	332	4,295	11.4	99.5	92.0	11,880	L OIL	8,797	BBLS	5.80	51,025	205,895	4.79
22	INT CITY	7-10		23,794				12,308	GAS	292,857	MCF	1.00	292,857	658,927	2.77
23	INT CITY	11	0	0	0.0	0.0	0.0	0	L OIL	0	BBLS	5.80	0	0	0.00
24	PAVON PK	1-2	58	45	0.1	100.0	91.3	15,020	L OIL	117	BBLS	5.80	676	2,868	6.37
25	PBARTOW	1-4	187	1,673	1.2	100.0	97.0	13,007	L OIL	3,752	BBLS	5.80	21,761	86,393	5.16
26	PBAYBORO	1-4	188	2,015	1.4	100.0	92.8	13,020	L OIL	4,523	BBLS	5.80	26,235	108,629	5.39
27	PHIGGINS	1-2	58	50	0.1	100.0	90.7	15,466	L OIL	133	BBLS	5.80	773	3,190	6.38
28	PHIGGINS	3-4	70	89	0.2	100.0	90.8	14,528	L OIL	223	BBLS	5.80	1,293	5,334	5.99
29	PINAR	1	15	9	0.1	100.0	100.0	16,120	L OIL	25	BBLS	5.80	145	610	6.78
30	P SWAN	1-3	162	4,468	3.7	99.9	95.9	12,572	L OIL	9,685	BBLS	5.80	56,172	221,039	4.95
31	PTURNER	1-2	30	15	0.1	100.0	100.0	16,930	L OIL	44	BBLS	5.80	254	1,038	6.92
32	PTURNER	3-4	130	2,644	2.7	99.8	91.4	12,543	L OIL	5,718	BBLS	5.80	33,164	135,493	5.12
33	ST JOE	1	15	8	0.1	100	100.0	16402	L OIL	23	BBLS	5.8	131	576	7.21
34	UNIVERS	1	36	25,713	96.0	96.0	100.0	9,580	GAS	246,331	MCF	1.00	246,331	403,721	1.57
35	OTHER		0	0	0.0	0.0	0.0	0	S OIL	10,345	BBLS	5.80	60,000	247,966	0.00
36															
37															
38															
39															
40															
	TOTAL		6,723	2,707,843				9,896					26,797,009	43,983,807	1.62

COMPANY: FPC

SYSTEM NET GENERATION AND FUEL COST

SCHEDULE E4

Estimated for the Month of: Sep-96

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT /UNIT		NET CAPAC. (MW)	NET GENERATION (MWH)	CAPAC. FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG.NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		HEAT VALUE (MBTU/ UNIT)	FUEL BURNED (MBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (¢/KWH)
1	CR NUC	3	751	535,202	99.0	99.0	100.0	10,543	NUCL	5,642,635	MBTU	1.00	5,642,635	1,862,069	0.35
2	CRYSTAL	1	369	213,644	80.5	92.6	84.1	10,046	COAL	85,169	TONS	25.20	2,146,268	3,611,076	1.69
3	CRYSTAL	1		216				10,046	L OIL	374	BBLS	5.80	2,170	8,605	3.98
4	CRYSTAL	2	464	265,236	79.5	85.8	93.7	9,964	COAL	104,873	TONS	25.20	2,642,812	4,446,506	1.68
5	CRYSTAL	2		496				10,322	L OIL	883	BBLS	5.80	5,120	20,302	4.09
6	CRYSTAL	4	697	473,410	94.4	96.0	97.9	9,377	COAL	177,000	TONS	25.08	4,439, 56	8,829,186	1.87
7	CRYSTAL	4		370				9,715	L OIL	620	BBLS	5.80	3,595	14,254	3.85
8	CRYSTAL	5	697	482,201	96.1	97.0	98.6	9,299	COAL	178,787	TONS	25.08	4,483,987	8,918,332	1.85
9	CRYSTAL	5		0				0	L OIL	0	BBLS	5.80	0	0	0.00
10	ANCLOTE	1	503	215,601	59.5	96.8	75.7	9,574	H OIL	322,526	BBLS	6.40	2,064,164	4,344,434	2.02
11	ANCLOTE	2	503	190,207	52.5	96.2	73.0	9,677	H OIL	287,599	BBLS	6.40	1,840,633	3,873,970	2.04
12	BARTOW	1	115	20,033	24.2	98.8	85.8	10,554	H OIL	33,036	BBLS	6.40	211,428	447,208	2.23
13	BARTOW	2	117	24,985	29.7	98.2	89.5	10,725	H OIL	41,869	BBLS	6.40	267,964	566,792	2.27
14	BARTOW	3	208	3,352	30.2	96.7	68.7	10,532	H OIL	5,516	BBLS	6.40	35,303	74,673	2.23
15	BARTOW	3		41,834				10,911	GAS	456,451	MCF	1.00	456,451	1,004,192	2.40
16	SUWANNEE	3	80	0	17.0	99.9	88.0	0	L OIL	0	BBLS	5.80	0	0	0.00
17	SUWANNEE	3		9,777				12,328	GAS	120,531	MCF	1.00	120,531	302,532	3.09
18	DEBARY	1-6	324	4,360	1.9	99.9	92.0	12,180	L OIL	9,156	BBLS	5.80	53,105	208,588	4.78
19	DEBARY	7-10	332	10,957	4.6	99.8	91.7	11,896	L OIL	22,473	BBLS	5.80	130,344	511,975	4.67
20	INT CITY	1-6	282	255	0.1	100.0	90.4	13,080	L OIL	575	BBLS	5.80	3,335	13,330	5.23
21	INT CITY	7-10	332	3,364	9.7	99.6	91.1	11,877	L OIL	6,889	BBLS	5.80	39,954	159,680	4.75
22	INT CITY	7-10		19,817				12,304	GAS	243,828	MCF	1.00	243,828	548,614	2.77
23	INT CITY	11	0	0	0.0	0.0	0.0	0	L OIL	0	BBLS	5.80	0	0	0.00
24	PAVON PK	1-2	58	2	0.0	100.0	69.0	14,796	L OIL	5	BBLS	5.80	30	126	6.28
25	PBARTOW	1-4	187	386	0.3	100.0	93.8	13,078	L OIL	870	BBLS	5.80	5,048	20,042	5.19
26	PBAYBORO	1-4	188	404	0.3	100.0	90.5	13,043	L OIL	909	BBLS	5.80	5,269	21,818	5.40
27	PHIGGINS	1-2	58	2	0.0	100.0	69.0	15,482	L OIL	5	BBLS	5.80	31	128	6.39
28	PHIGGINS	3-4	70	4	0.0	100.0	100.0	14,474	L OIL	10	BBLS	5.80	58	239	5.97
29	PINAR	1	15	0	0.0	0.0	0.0	0	L OIL	0	BBLS	5.80	0	0	0.00
30	P SWAN	1-3	162	1,672	1.4	100.0	91.1	12,706	L OIL	3,663	BBLS	5.80	21,244	82,880	4.96
31	PTURNER	1-2	30	0	0.0	0.0	0.0	0	L OIL	0	BBLS	5.80	0	0	0.00
32	PTURNER	3-4	130	745	0.8	99.9	88.2	12,598	L OIL	1,618	BBLS	5.80	9,386	38,345	5.15
33	ST JOE	1	15	0	0	0	0.0	0	L OIL	0	BBLS	5.8	0	0	0.00
34	UNIVERS	1	36	23,882	92.1	96.0	96.0	9,665	GAS	230,820	MCF	1.00	230,820	371,950	1.56
35	OTHER		0	0	0.0	0.0	0.0	0	S OIL	10,345	BBLS	5.80	60,000	247,966	0.00
36															
37															
38															
39															
40															
	TOTAL		6,723	2,542,414				9,898					25,164,678	40,549,809	1.59

COMPANY: FPC

SYSTEM NET GENERATION AND FUEL COST

SCHEDULE E4

Estimated for the Period:
April 1996 through September 1996

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT /UNIT		NET CAPAC. (MW)	NET GENERATION (MWH)	CAPAC. FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG.NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	HEAT VALUE (MBTU/ UNIT)	FUEL BURNED (MBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (¢/KWH)
1	CR NUC	3	753	3,004,452	90.8	90.7	100.0	10,498	NUCL	31,539,655 MBTU	1.00	31,539,655	10,408,086	0.35
2	CRYSTAL	1	370	1,225,234	75.4	89.0	81.6	10,049	COAL	488,602 TONS	25.20	12,312,767	20,717,227	1.69
3	CRYSTAL	1		1,293				10,053	L OIL	2,241 BBLS	5.80	12,998	52,976	4.10
4	CRYSTAL	2	466	1,641,019	80.4	85.8	94.8	9,943	COAL	647,469 TONS	25.20	16,316,221	27,454,506	1.67
5	CRYSTAL	2		3,071				10,001	L OIL	5,296 BBLS	5.80	30,714	125,178	4.08
6	CRYSTAL	4	700	2,049,377	66.7	70.9	77.3	9,393	COAL	767,552 TONS	25.08	19,250,194	38,238,548	1.87
7	CRYSTAL	4		2,546				9,450	L OIL	4,148 BBLS	5.80	24,059	98,114	3.85
8	CRYSTAL	5	700	2,954,877	96.1	97.0	98.6	9,286	COAL	1,094,039 TONS	25.08	27,438,500	54,488,387	1.84
9	CRYSTAL	5		0				0	L OIL	0 BBLS	0.00	0	0	0.00
10	ANCLOTE	1	505	1,121,098	50.5	97.2	71.5	9,665	H OIL	1,693,023 BBLS	6.40	10,835,347	23,683,722	2.11
11	ANCLOTE	2	505	984,816	44.4	96.6	67.9	9,797	H OIL	1,507,595 BBLS	6.40	9,648,605	21,059,611	2.14
12	BARTOW	1	115	105,858	20.9	99.0	86.5	10,498	H OIL	173,634 BBLS	6.40	1,111,256	2,419,731	2.29
13	BARTOW	2	117	119,748	23.2	98.6	88.5	10,691	H OIL	200,028 BBLS	6.40	1,280,179	2,788,596	2.33
14	BARTOW	3	209	17,022	26.1	78.9	59.3	10,444	H OIL	27,778 BBLS	6.40	177,780	388,209	2.28
15	BARTOW	3		222,198				10,816	GAS	2,403,300 MCF	1.00	2,403,300	5,287,260	2.38
16	SUWANNEE	3	80	0	16.4	99.9	82.9	0	L OIL	0 BBLS	0.00	0	0	0.00
17	SUWANNEE	3		57,762				12,306	GAS	710,803 MCF	1.00	710,803	1,784,115	3.09
18	DEBARY	1-6	335	25,469	1.7	99.9	87.2	12,202	L OIL	53,583 BBLS	5.80	310,784	1,246,472	4.89
19	DEBARY	7-10	343	59,919	4.0	99.8	88.0	11,895	L OIL	122,882 BBLS	5.80	712,717	2,870,710	4.79
20	INT CITY	1-6	294	2,780	0.2	83.3	67.6	13,075	L OIL	6,267 BBLS	5.80	36,349	147,146	5.29
21	INT CITY	7-10	343	18,861	8.3	99.6	89.5	11,884	L OIL	38,646 BBLS	5.80	224,145	911,043	4.83
22	INT CITY	7-10		106,196				12,306	GAS	1,306,867 MCF	1.00	1,306,867	2,940,450	2.77
23	INT CITY	11		3,545				11,784	L OIL	7,203 BBLS	5.80	41,775	173,171	4.88
24	PAVON PK	1-2	59	64	0.0	66.7	58.7	15,077	L OIL	166 BBLS	5.80	965	4,120	6.44
25	PBARTOW	1-4	192	3,499	0.4	83.3	79.6	13,028	L OIL	7,859 BBLS	5.80	45,584	180,976	5.17
26	PBAYBORO	1-4	195	3,923	0.5	83.3	74.0	13,029	L OIL	8,813 BBLS	5.80	51,113	211,639	5.39
27	PHIGGINS	1-2	61	70	0.0	66.7	60.0	15,462	L OIL	187 BBLS	5.80	1,082	4,465	6.38
28	PHIGGINS	3-4	72	129	0.0	66.7	63.1	14,524	L OIL	323 BBLS	5.80	1,874	7,730	5.99
29	PINAR	1	16	11	0.0			16,120	L OIL	31 BBLS	5.80	177	746	6.78
30	P SWAN	1-3	169	11,356	1.5	100.0	88.7	12,622	L OIL	24,712 BBLS	5.80	143,332	572,477	5.04
31	PTURNER	1-2	31	20	0.0			16,908	L OIL	58 BBLS	5.80	338	1,386	6.93
32	PTURNER	3-4	136	5,952	1.0	83.2	73.2	12,566	L OIL	12,895 BBLS	5.80	74,791	307,113	5.16
33	ST JOE	1	16	10	0.0			16,402	L OIL	28 BBLS	5.80	164	721	7.21
34	UNIVERS	1	37	149,654	92.1	96.0	96.2	9,626	GAS	1,440,505 MCF	1.00	1,440,505	2,399,130	1.60
35	OTHER			0				0	S OIL	64,655 BBLS	5.80	375,000	1,549,784	0.00
36								0			0.00	0	0	0.00
37								0			0.00	0	0	0.00
38								0			0.00	0	0	0.00
39								0			0.00	0	0	0.00
40														
	TOTAL		6,818	13,901,829				9,917				137,859,940	222,523,545	1.60

COMPANY: FPC

SCHEDULE E5

SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS

Estimated for the Period of:
April 1996 through September 1996

		Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	PERIOD TOTAL
	HEAVY OIL							
1	PURCHASES:							
2	UNITS (BBL)	330,000	440,000	660,000	770,000	770,000	660,000	3,630,000
3	UNIT COST ($/BBL)	14.40	14.40	14.35	13.39	13.39	13.44	13.79
4	AMOUNT ($)	$4,752,000	$6,336,000	$9,468,800	$10,313,600	$10,313,600	$8,870,400	$50,054,400
5	BURNED:							
6	UNITS (BBL)	264,178	559,802	589,931	746,000	751,600	690,546	3,602,057
7	UNIT COST ($/BBL)	14.80	14.58	14.44	13.76	13.54	13.48	13.98
8	AMOUNT ($)	$3,909,998	$8,162,254	$8,520,827	$10,265,317	$10,174,397	$9,307,076	$50,339,869
9	ENDING INVENTORY:							
10	UNITS (BBL)	504,739	384,937	455,006	479,006	497,406	466,860	
11	UNIT COST ($/BBL)	14.91	14.80	14.61	13.98	13.74	13.70	
12	AMOUNT ($)	$7,525,066	$5,698,813	$6,646,785	$6,695,068	$6,834,271	$6,397,595	
13								
14	DAYS SUPPLY	57	21	23	19	20	20	
	LIGHT OIL							
15	PURCHASES:							
16	UNITS (BBL)	3,000	25,000	68,000	55,000	79,000	53,000	283,000
17	UNIT COST ($/BBL)	22.10	22.10	22.19	22.25	22.18	22.16	22.19
18	AMOUNT ($)	$66,300	$552,400	$1,508,650	$1,224,000	$1,752,540	$1,174,600	$6,278,490
19	BURNED:							
20	UNITS (BBL)	4,647	19,769	69,415	63,698	89,759	48,050	295,338
21	UNIT COST ($/BBL)	24.28	24.27	23.83	23.45	23.12	22.90	23.42
22	AMOUNT ($)	$112,835	$479,813	$1,654,188	$1,493,425	$2,075,610	$1,100,311	$6,916,182
23	ENDING INVENTORY:							
24	UNITS (BBL)	293,603	298,834	297,418	288,720	277,961	282,912	
25	UNIT COST ($/BBL)	24.20	24.02	23.65	23.43	23.17	23.03	
26	AMOUNT ($)	$7,106,108	$7,178,695	$7,033,157	$6,763,732	$6,440,662	$6,514,951	
27								
28	DAYS SUPPLY	1895	453	129	136	93	177	
	COAL							
29	PURCHASES:							
30	UNITS (TONS)	456,000	457,000	456,000	457,000	456,000	457,000	2,739,000
31	UNIT COST ($/TON)	47.14	47.29	47.17	47.26	47.28	47.29	47.24
32	AMOUNT ($)	$21,493,820	$21,613,590	$21,510,480	$21,598,090	$21,560,460	$21,611,800	$129,388,240
33	BURNED:							
34	UNITS (TONS)	439,315	367,144	506,893	565,126	573,354	545,830	2,997,662
35	UNIT COST ($/TON)	47.00	46.08	46.96	47.17	47.20	47.28	47.00
36	AMOUNT ($)	$20,648,576	$16,919,536	$23,805,078	$26,659,697	$27,060,681	$25,805,100	$140,898,668
37	ENDING INVENTORY:							
38	UNITS (TONS)	374,635	464,491	413,598	305,472	188,118	90,288	
39	UNIT COST ($/TON)	46.32	47.46	47.75	48.09	48.85	50.31	
40	AMOUNT ($)	$17,351,208	$22,045,262	$19,750,664	$14,689,057	$9,188,835	$4,995,535	
41								
42	DAYS SUPPLY	26	38	24	17	10	5	
	GAS							
43	BURNED:							
44	UNITS (MCF)	275,576	951,576	1,215,821	1,195,618	1,171,253	1,051,430	5,861,475
45	UNIT COST ($/MCF)	1.74	2.15	2.14	2.14	2.14	2.12	2.12
46	AMOUNT ($)	$479,131	$2,041,668	$2,601,277	$2,560,576	$2,501,015	$2,227,288	$12,410,955
	NUCLEAR							
47	BURNED:							
48	UNITS (MMBTU)	2,790,627	5,802,315	5,642,635	5,830,722	5,830,722	5,642,635	31,539,655
49	UNIT COST($/MMBTU)	0.33	0.33	0.33	0.33	0.33	0.33	0.33
50	AMOUNT ($)	$920,907	$1,914,764	$1,862,069	$1,924,138	$1,924,138	$1,862,069	$10,408,086

COMPANY: FPC

FUEL COST OF POWER SOLD

SCHEDULE E1

Estimated for the Period of: April 1996 through September 1996

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	¢/KWH (A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) X (7)(A)	TOTAL COST $ (6) X (7)(B)	REFUNDABLE GAINS ON POWER SALES $
Apr-96	ECONSALE	C	15,000,000		15,000,000	1.598	1.998	239,700	299,700	48,000
	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 OTH	-	0		0	0.000	0.000	0	0	0
	STRATIFIED	-	48,547,000		48,547,000	2.500	2.500	1,213,680	1,213,680	0
Month			63,547,000		63,547,000	2.287	2.382	1,453,380	1,513,380	48,000
May-96	ECONSALE	C	15,000,000		15,000,000	1.630	2.030	244,500	304,500	48,000
	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 OTH	-	0		0	0.000	0.000	0	0	0
	STRATIFIED	-	12,438,000		12,438,000	3.000	3.000	373,140	373,140	0
Month			27,438,000		27,438,000	2.251	2.470	617,640		
Jun-96	ECONSALE	C	40,000,000		40,000,000	1.698	2.098	679,200	839,200	128,000
	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 OTH	-	0		0	0.000	0.000	0	0	0
	STRATIFIED	-	20,905,000		20,905,000	8.759	8.835	1,831,110	1,847,030	15,920
Month			60,905,000		60,905,000	4.122	4.411	2,510,310	2,686,230	143,920
Jul-96	ECONSALE	C	100,000,000		100,000,000	1.814	2.214	1,814,000	2,214,000	320,000
	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 OTH	-	0		0	0.000	0.000	0	0	0
	STRATIFIED	-	55,273,000		55,273,000	5.251	5.280	2,902,310	2,918,230	15,920
Month			155,273,000		155,273,000	3.037	3.305	4,716,310	5,132,230	335,920
Aug-96	ECONSALE	C	120,000,000		120,000,000	1.864	2.264	2,236,800	2,716,800	384,000
	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 OTH	-	0		0	0.000	0.000	0	0	0
	STRATIFIED	-	107,904,000		107,904,000	4.153	4.168	4,481,240	4,497,160	15,920
Month			227,904,000		227,904,000	2.948	3.165	6,718,040	7,213,960	399,920
Sep-96	ECONSALE	C	100,000,000		100,000,000	1.844	2.244	1,844,000	2,244,000	320,000
	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 OTH	-	0		0	0.000	0.000	0	0	0
	STRATIFIED	-	123,877,000		123,877,000	3.972	3.985	4,920,290	4,936,210	15,920
Month			223,877,000		223,877,000	3.021	3.207	6,764,290	7,180,210	335,920
PERIOD	ECONSALE	C	390,000,000		390,000,000	1.810	2.210	7,058,200	8,618,200	1,248,000
	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 OTH	-	0		0	0.000	0.000	0	0	0
	STRATIFIED	-	368,944,000		368,944,000	4.261	4.279	15,721,770	15,785,450	63,680
TOTAL			758,944,000		758,944,000	3.002	3.215	22,779,970	24,403,650	1,311,680

COMPANY: FPC

SCHEDULE E7

PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGEN PURCHASES)

Estimated for the Period of:
April 1996 through September 1996

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHED	(4) TOTAL KWH PURCHASED	(5) KWH FOR OTHER UTILITIES	(6) KWH FOR INTERRUPTIBLE	(7) KWH FOR FIRM	(8) ¢/KWH (A) FUEL COST	(8) ¢/KWH (B) TOTAL COST	(9) TOTAL $ FOR FUEL ADJ. (7) * (8)(B)
Apr-96	EMERGNCY	A&B	0			0	0.000	0.000	0
	TECO	-	123,000			123,000	2.561	2.561	3,150
	UPS PURC	UPS	92,496,000			92,496,000	1.810	1.810	1,674,440
Month			92,619,000		0	92,619,000	1.811	1.811	1,677,590
May-96	EMERGNCY	A&B	0			0	0.000	0.000	0
	TECO	-	4,124,000			4,124,000	2.553	2.553	105,300
	UPS PURC	UPS	208,374,000			208,374,000	1.818	1.818	3,789,040
Month			212,498,000		0	212,498,000	1.833	1.833	3,894,340
Jun-96	EMERGNCY	A&B	11,000			11,000	4.900	7.000	770
	TECO	-	6,152,000			6,152,000	2.553	2.553	157,060
	UPS PURC	UPS	196,267,000			196,267,000	1.835	1.835	3,600,950
Month			202,430,000		0	202,430,000	1.857	1.857	3,758,780
Jul-96	EMERGNCY	A&B	12,000			12,000	6.300	9.000	1,080
	TECO	-	6,389,000			6,389,000	2.553	2.553	163,100
	UPS PURC	UPS	189,216,000			189,216,000	1.840	1.840	3,481,630
Month			195,617,000		0	195,617,000	1.864	1.864	3,645,810
Aug-96	EMERGNCY	A&B	54,000			54,000	5.483	7.833	4,230
	TECO	-	6,570,000			6,570,000	2.553	2.553	167,740
	UPS PURC	UPS	180,511,000			180,511,000	1.837	1.837	3,315,970
Month			187,135,000		0	187,135,000	1.864	1.864	3,487,940
Sep-96	EMERGNCY	A&B	4,000			4,000	5.950	8.500	340
	TECO	-	5,096,000			5,096,000	2.553	2.553	130,100
	UPS PURC	UPS	176,817,000			176,817,000	1.832	1.832	3,239,030
Month			181,917,000		0	181,917,000	1.852	1.852	3,369,470
PERIOD	EMERGNCY	A&B	81,000		0	81,000	5.548	7.926	6,420
	TECO	-	28,454,000		0	28,454,000	2.553	2.553	726,450
	UPS PURC	UPS	1,043,681,000		0	1,043,681,000	1.830	1.830	19,101,060
TOTAL			1,072,216,000		0	1,072,216,000	1.850	1.850	19,833,930

COMPANY: FPC

SCHEDULE E8

ENERGY PAYMENT TO QUALIFYING FACILITIES

Estimated for the Period of:
April 1996 through September 1996

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							¢/KWH		
MONTH	PURCHASED FROM	TYPE & SCHED	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	(A) ENERGY COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ. (7) * (8)(A)
Apr-96	QUALIFYING FACILITIES	COGEN	596,973,000	0	0	596,973,000	1.895	4.983	11,312,350
Month			596,973,000	0	0	596,973,000	1.895	4.983	11,312,350
May-96	QUALIFYING FACILITIES	COGEN	616,870,000	0	0	616,870,000	1.959	4.947	12,085,810
Month			616,870,000	0	0	616,870,000	1.959	4.947	12,085,810
Jun-96	QUALIFYING FACILITIES	COGEN	594,765,000	0	0	594,765,000	1.977	5.076	11,758,150
Month			594,765,000	0	0	594,765,000	1.977	5.076	11,758,150
Jul-96	QUALIFYING FACILITIES	COGEN	614,589,000	0	0	614,589,000	1.986	4.985	12,202,740
Month			614,589,000	0	0	614,589,000	1.986	4.985	12,202,740
Aug-96	QUALIFYING FACILITIES	COGEN	614,589,000	0	0	614,589,000	1.989	4.989	12,226,290
Month			614,589,000	0	0	614,589,000	1.989	4.989	12,226,290
Sep-96	QUALIFYING FACILITIES	COGEN	594,765,000	0	0	594,765,000	1.976	5.076	11,755,400
Month			594,765,000	0	0	594,765,000	1.976	5.076	11,755,400
PERIOD	QUALIFYING FACILITIES	COGEN	3,632,551,000	0	0	3,632,551,000	1.964	5.009	71,340,740
TOTAL			3,632,551,000	0	0	3,632,551,000	1.964	5.009	71,340,740

COMPANY: FPC

SCHEDULE E9

ECONOMY ENERGY PURCHASES

Estimated for the Period of:
April 1996 through September 1996

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST			COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL KWH PURCHASED	ENERGY COST ¢/kWh	TOTAL COST ¢/kWh	TOTAL $ FOR FUEL ADJ. (4) * (5)	(A) ¢/kWh	(B) $	FUEL SAVINGS (8)(B) - (7)
Apr-96	ECONPURC	C	90,000,000	1.766	1.766	1,589,400	3.359	3,023,100	1,433,700
	OTHER	-	3,930,000	2.638	2.638	103,673	2.638	103,673	0
	OUC PURC	J	0				0		
Month			93,930,000	1.802	1.802	1,693,073	3.329	3,126,773	1,433,700
May-96	ECONPURC	C	90,000,000	2.231	2.231	2,007,900	3.359	3,023,100	1,015,200
	OTHER	-	3,930,000	2.433	2.433	95,617	2.433	95,617	0
	OUC PURC	J	0				0		
Month			93,930,000	2.239	2.239	2,103,517	3.320	3,118,717	1,015,200
Jun-96	ECONPURC	C	45,000,000	2.934	2.934	1,320,300	3.359	1,511,550	191,250
	OTHER	-	3,930,000	2.382	2.382	93,613	2.382	93,613	0
	OUC PURC	J	0				0		
Month			48,930,000	2.890	2.890	1,413,913	3.281	1,605,163	191,250
Jul-96	ECONPURC	C	70,000,000	2.557	2.557	1,789,900	3.359	2,351,300	561,400
	OTHER	-	3,930,000	2.317	2.317	91,058	2.317	91,058	0
	OUC PURC	J	11,047,000	1.750	2.778	193,323	2.712	299,595	106,272
Month			84,977,000	2.441	2.575	2,074,281	3.227	2,741,953	667,672
Aug-96	ECONPURC	C	80,000,000	2.515	2.515	2,012,000	3.359	2,687,200	675,200
	OTHER	-	3,930,000	2.321	2.321	91,215	2.321	91,215	0
	OUC PURC	J	11,265,000	1.750	2.758	197,138	2.805	315,983	118,845
Month			95,195,000	2.416	2.536	2,300,353	3.251	3,094,398	794,045
Sep-96	ECONPURC	C	40,000,000	2.656	2.656	1,062,400	3.359	1,343,600	281,200
	OTHER	-	3,930,000	2.333	2.333	91,687	2.333	91,687	0
	OUC PURC	J	10,513,000	1.750	2.831	183,978	2.907	305,613	121,635
Month			54,443,000	2.458	2.666	1,338,064	3.198	1,740,900	402,836
PERIOD	ECONPURC	C	415,000,000	2.357	2.357	9,781,900	3.359	13,939,850	4,157,950
	OTHER	-	23,580,000	2.404	2.404	566,863	2.404	566,863	(0)
	OUC PURC	J	32,825,000	1.750	2.788	574,438	2.806	921,191	346,754
TOTAL			471,405,000	2.317	2.389	10,923,201	3.273	15,427,904	4,504,703

COMPANY: FLA. POWER CORP. SCHEDULE E10

RESIDENTIAL BILL COMPARISON

FOR MONTHLY USAGE OF 1000 KWH

For the Period of: April 1996 through September 1996

		Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	PERIOD AVERAGE	PRIOR RESIDENTIAL BILL *	Apr-96 VS PRIOR
1. BASE RATE REVENUES	($)	$49.05	$49.05	$49.05	$49.05	$49.05	$49.05	$49.05	$49.05	$0.00
2. FUEL RECOVERY FACTOR	(¢/kWh)	1.887	1.887	1.887	1.887	1.887	1.887	1.887	1.783	
3. FUEL COST RECOVERY REVENUES	($)	$18.91	$18.91	$18.91	$18.91	$18.91	$18.91	$18.91	$17.86	$1.05
4. CAPACITY COST RECOVERY REVENUES	($)	$9.36	$9.36	$9.36	$9.36	$9.36	$9.36	$9.36	$10.73	($1.37)
5. ENERGY CONSERVATION COST REVENUES	($)	$2.95	$2.95	$2.95	$2.95	$2.95	$2.95	$2.95	$3.35	($0.40)
6. GROSS RECEIPTS TAXES	($)	$2.06	$2.06	$2.06	$2.06	$2.06	$2.06	$2.06	$2.08	($0.02)
7. TOTAL REVENUES	($)	$82.33	$82.33	$82.33	$82.33	$82.33	$82.33	$82.33	$83.07	($0.74)

* Actual Residential Billing for March 1996.

COMPANY: FPC

GENERATION SYSTEM COMPARATIVE DATA BY FUEL TYPE

		PERIOD				% Difference from Prior Period		
		Apr-93 thru Sep-93	Apr-94 thru Sep-94	Apr-95 thru Sep-95	Projected Apr-96 thru Sep-96	Actual 1994 vs 1993	Actual 1995 vs 1994	Projected 1996 vs 1995
	FUEL COST OF SYSTEM NET GENERATION (DOLLARS)							
1	HEAVY OIL	82,892,015	73,919,242	66,709,153	50,339,869	-10.8	-9.8	-24.5
2	LIGHT OIL	14,622,113	15,476,149	14,936,942	6,916,182	5.8	-3.5	-53.7
3	COAL	143,407,728	143,856,634	135,989,680	140,898,668	0.3	-5.5	3.6
4	GAS	2,178,516	6,137,955	19,963,775	12,410,955	181.7	225.3	-37.8
5	NUCLEAR	14,442,691	9,933,654	12,983,538	10,408,085	-31.2	30.7	-19.8
6	OTHER	1,338,386	1,715,769	1,171,832	1,549,787	28.2	-31.7	32.3
7	TOTAL ($)	258,881,449	251,039,403	251,754,920	222,523,546	-3.0	0.3	-11.6
	SYSTEM NET GENERATION (MWH)							
8	HEAVY OIL	3,406,317	3,145,455	2,596,497	2,348,542	-7.7	-17.5	-9.5
9	LIGHT OIL	222,080	280,477	249,768	142,518	26.3	-10.9	-42.9
10	COAL	7,643,970	7,770,644	7,481,574	7,870,507	1.7	-3.7	5.2
11	GAS	50,990	180,064	889,969	535,810	253.1	394.3	-39.8
12	NUCLEAR	2,717,239	2,119,873	3,257,591	3,004,452	-22.0	53.7	-7.8
13	OTHER	0	0	0	0	0.0	0.0	0.0
14	TOTAL (MWH)	14,040,596	13,496,513	14,475,399	13,901,829	-3.9	7.3	-4.0
	UNITS OF FUEL BURNED							
15	HEAVY OIL (BBL)	5,577,477	5,081,711	4,150,208	3,602,057	-8.9	-18.3	-13.2
16	LIGHT OIL (BBL)	533,066	741,129	605,409	295,338	39.0	-18.3	-51.2
17	COAL (TONS)	2,938,740	2,960,642	2,837,768	2,997,662	0.7	-4.2	5.6
18	GAS (MCF)	605,947	2,423,789	9,551,538	5,861,475	300.0	294.1	-38.6
19	NUCLEAR (MMBTU)	28,776,204	21,786,097	34,084,080	31,539,655	-24.3	56.4	-7.5
20	OTHER	72,847	83,800	70,958	64,656	15.0	-15.3	-8.9
	BTU'S BURNED (MILLION BTU)							
21	HEAVY OIL	35,574,521	32,420,168	26,912,815	23,053,167	-8.9	-17.0	-14.3
22	LIGHT OIL	3,129,748	3,893,062	3,499,912	1,712,962	24.4	-10.1	-51.1
23	COAL	73,516,681	74,015,439	71,129,558	75,317,681	0.7	-3.9	5.9
24	GAS	622,233	2,497,645	9,848,218	5,861,475	301.4	294.3	-40.5
25	NUCLEAR	28,776,204	21,786,097	34,084,080	31,539,655	-24.3	56.4	-7.5
26	OTHER	427,701	440,192	410,210	375,000	2.9	-6.8	-8.6
27	TOTAL (MBTU)	142,047,088	135,052,603	145,884,793	137,859,940	-4.9	8.0	-5.5
	GENERATION MIX (% MWH)							
28	HEAVY OIL	24.26	23.31	17.94	16.89	-3.9	-23.0	-5.8
29	LIGHT OIL	1.58	2.08	1.73	1.03	31.4	-17.0	-40.6
30	COAL	54.44	57.58	51.68	56.61	5.8	-10.2	9.5
31	GAS	0.36	1.33	6.15	3.85	267.4	360.8	-37.3
32	NUCLEAR	19.35	15.71	22.50	21.61	-18.8	43.3	-4.0
33	OTHER	0.00	0.00	0.00	0.00	0.0	0.0	0.0
34	TOTAL (%)	100.00	100.00	100.00	100.00			
	FUEL COST ($/UNIT)							
35	HEAVY OIL	14.86	14.55	16.07	13.98	-2.1	10.5	-13.1
36	LIGHT OIL	27.43	20.88	24.67	23.42	-23.9	18.2	-5.1
37	COAL	48.80	48.59	47.92	47.00	-0.4	-1.4	-1.9
38	GAS	3.60	2.53	2.09	2.12	-29.6	-17.5	1.3
39	NUCLEAR	0.50	0.46	0.38	0.33	-9.2	-16.5	-13.4
40	OTHER	18.37	20.47	16.51	23.97	11.4	-19.3	45.1
	FUEL COST PER MILLION BTU ($/MBTU)							
41	HEAVY OIL	2.33	2.28	2.48	2.18	-2.1	8.7	-11.9
42	LIGHT OIL	4.67	3.98	4.27	4.04	-14.9	7.4	-5.4
43	COAL	1.95	1.94	1.91	1.87	-0.4	-1.6	-2.2
44	GAS	3.50	2.46	2.03	2.12	-29.8	-17.5	4.5
45	NUCLEAR	0.50	0.46	0.38	0.33	-9.2	-16.5	-13.4
46	OTHER	3.13	3.90	2.86	4.13	24.6	-26.7	44.7
47	SYSTEM ($/MBTU)	1.82	1.86	1.73	1.61	2.0	-7.2	-6.5
	BTU BURNED PER KWH (BTU/KWH)							
48	HEAVY OIL	10,444	10,307	10,365	9,816	-1.3	0.6	-5.3
49	LIGHT OIL	14,093	13,880	14,013	12,019	-1.5	1.0	-14.2
50	COAL	9,618	9,525	9,507	9,570	-1.0	-0.2	0.7
51	GAS	12,203	13,871	11,066	10,939	13.7	-20.2	-1.1
52	NUCLEAR	10,590	10,277	10,463	10,498	-3.0	1.8	0.3
53	OTHER	0	0	0	0	0.0	0.0	0.0
54	SYSTEM (BTU/KWH)	10,117	10,006	10,078	9,917	-1.1	0.7	-1.6
	GENERATION FUEL COST PER KWH (CENTS/KWH)							
55	HEAVY OIL	2.43	2.35	2.57	2.14	-3.4	9.3	-16.6
56	LIGHT OIL	6.58	5.52	5.98	4.85	-16.2	8.4	-18.9
57	COAL	1.88	1.85	1.82	1.79	-1.3	-1.8	-1.5
58	GAS	4.27	3.41	2.24	2.32	-20.2	-34.2	3.3
59	NUCLEAR	0.53	0.47	0.40	0.35	-11.8	-14.9	-13.1
60	OTHER	0.00	0.00	0.00	0.00	0.0	0.0	0.0
61	SYSTEM (CENTS/KWH)	1.84	1.86	1.74	1.60	0.9	-6.5	-8.0