

## Florida

JAMES A. MCGEE SENIOR COUNSEL

January 16, 1995

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

Re:

Docket No. 950001-EI

Dear Ms. Bayo:

Enclosed for filing in the subject docket are fifteen copies of the Direct Testimony of Karl H. Weiland and fifteen copies of the Direct Testimony of Larry G. Turner.

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

Very truly yours,

James A. McGee

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Enclosures

cc: Parties of Record

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**GENERAL OFFICE** 

#### CERTIFICATE OF SERVICE

#### Docket No. 950001-EI

I HEREBY CERTIFY that a true copy of the Direct Testimony of Karl H. Weiland and a true copy of the Direct Testimony of Larry G. Turner was sent by regular U.S. mail to the following individuals this 16th day of January, 1995:

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## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET No. 950001-EI

## LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1995

AND EXHIBITS OF
KARL H. WIELAND

For Filing January 17, 1995

DOCUMENT NUMBER-DATE

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FPSC-RECORDS/REPORTING

## FLORIDA POWER CORPORATION DOCKET NO. 950001-EI

#### Levelized Fuel and Capacity Cost Factors April through September 1995

#### DIRECT TESTIMONY OF KARL H. WIELAND

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1	α.	Please state your name and business address.
2	Α.	My name is Karl H. Wieland. My business address is Post Office Box
3		14042, St. Petersburg, Florida 33733.
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5	α.	By whom are you employed and in what capacity?
6	Α.	I am employed by Florida Power Corporation as Director of Business
7		Planning.
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9	α.	Have the duties and responsibilities of your position with the
10		Company remained the same since you last testified in this
11		proceeding?
12	Α.	Yes.
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14	α.	What is the purpose of your testimony?
15	Α.	The purpose of my testimony is to present for Commission approval
16		the Company's levelized fuel and capacity cost factors for the period
17		of April through September 1995.

A. Yes. I have prepared an exhibit attached to my prepared testimony consisting of Parts A through D 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.

#### FUEL COST RECOVERY

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

A. Schedule E1, page 1 of the "E" Schedules in my exhibit, shows the calculation of the Company's basic fuel cost factor of 2.057 ¢/kWh (before line loss adjustment). The basic factor consists of a fuel cost for the projection period of 2.0789 ¢/kWh (adjusted for jurisdictional losses), a GPIF reward of .00644 ¢/kWh, and an estimated true-up credit of 0.0302 ¢/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

Schedule E1-E develops the TOU factors 1.280 ¢/kWh On-peak and 0.853 ¢/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 2.061 ¢/kWh.

- Q. What is included in Schedule E1, line 4, "Adjustments to Fuel Cost"?
- A. Line 4 includes an estimate of Florida Power's liability for an annual payment to the US Department of Energy for funding of the decommissioning and decontamination of their nuclear fuel enrichment facilities (\$1,259,000 in April), and an estimate of the University of Florida project steam credits (\$160,000 per month).

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 200-407 MWs under a Unit Power Sales (UPS) agreement with the Southern Company. During October-December 1994, the Southern Company purchase consists of 200 MW of Schedule E and 202 MW of unit power. Beginning January 1995, the Schedule E contract ends and the

Company will begin to purchase 407 MW of unit power. The capacity payments associated with the UPS contract are based on the original contract of 400 MW. The additional 7 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 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-

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- Q. Please explain the entry on Schedule E1, line 17, "Fuel Cost of Supplemental Sales."
  - The Company has a wholesale contract with Seminole for the sale of supplemental energy to supply the portion of their load in excess of 655 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 under which fuel costs are charged in a similar manner. Unlike interchange sales, 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 Supplemental 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 the Supplemental customers on a higher,

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- Q. How was the estimated true-up shown on line 28 of Schedule E1 developed?
- The total true-up amount was determined in two parts. First, a A. period-to-date actual under-recovery of \$15,142,918 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 1995, including interest estimated at the November ending rate of 0.4717% per month. Second, the total estimated over-recovery of \$6,908,539 for the current period was combined with the prior period (April through September 1994) under-recovery of \$33,870,947 and \$31,586,452 being collected during the current period for a total over-recovery of \$4,624,044 at the end of March 1995. This results in an estimated true-up credit on line 28 of Schedule E1 of 0.0302 ¢/kWh for application in the April through September 1995 projection period. The development of the estimated true-up amount for the current April through September 1995 period is shown on Schedule E1-B, Sheet 1.

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- Q. What are the primary reasons for the projected March 1995 overrecovery of \$4.6 million?
- A. The over-recovery is primarily a result of lower coal prices, and lower costs of power purchased from qualifying facilities.

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

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- The cost per million BTU of the nuclear fuel which will be in the Α. reactor during the projection period (primarily Cycle 10, following the 1994 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 9). Cycle 10 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 10 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 10 is \$0.38 per million BTU.

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- 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 1994.

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 a hybrid econometric/end-use 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.

#### 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 Schedule E, UPS, TECO and QF

purchases. The retail portion of the capacity payments are calculated using separation factors consistent with the Company's rate case filing. Prior to the implementation of the CCRF, capacity costs for these kinds of purchases were included on Schedules E8A and E9 and thus became part of the Company's basic Fuel Cost Factor calculated on Schedule E1. The estimated recoverable capacity payments for the April through September 1995 period are \$115,781,701.

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 \$(2,908,435) is then carried forward to Sheet 1, to be collected during the April through September 1995 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 \$103.6 million in the October 1994 through September 1995 period to \$126.6 million for the April through September 1995 period is due to several factors. First, all contracts escalate to the 1995 payment schedule for the full projection period. Second, several contracts began during the prior period and will be in effect for the entire six months in the projection period. Third, two new contracts (Orange County and EcoPeat) begin operation during the projection period. Finally, the contract with Southern ("Miller contract") increases to 407 MW in January 1995 with the 200 MW schedule E expiring at the same time.

- Q. Is the Company seeking to combine the capacity cost responsibilities of its RS and GS non-demand rate schedules?
- A. Yes. As a matter of ratemaking policy, the base rate energy charges for Florida Power's RS and GS non-demand rate schedules have been set the same since February, 1983. This was implemented to avoid administrative problems of customers attempting to qualify for the lower of the two rate schedules' charges. Since costs recovered through the capacity cost recovery clause are a substitute or are similar to costs that are recovered in base rates, Florida Power believes that this cost should be recovered in a manner consistent with the policy established for base rates, *i.e.*, combining the cost responsibilities of RS and GS non-demand rate schedules to develop the same factor for both schedules.
- Q. Does this conclude your testimony?
- A. Yes.

## EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

### LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1995

PART A - SALES FORECAST ASSUMPTIONS

Florida Power Corporation Docket No. 950001-El Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part A Sheet 1 of 4

#### SALES FORECAST ASSUMPTIONS

- This five-year forecast of customers, sales and peak demand utilizes the shortterm load forecasting methodology developed for budgeting and financial planning purposes. This forecast was prepared in June 1994.
- Normal weather conditions are assumed. Normal weather is based on a ten-year
  average of service area weighted degree days in order to project kilowatt-hour
  sales. A ten-year average of service area weighted degree days on the day of
  system peak is used to forecast megaWatt peak demand.
- 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 uses "Population Studies", Bulletin No.
  108, February 1994.
- 4. FPC's largest users of electricity, its phosphate mining customers, have experienced a significant improvement in the last twelve months. Increased demand for phosphate rock has firmed market prices and allowed for the reopening of a few central Florida mining operations. New mining operations with scheduled 1995 openings include Mobil Chemical Company in South Ft. Meade and C.F. Industries in Ft. Green.
- 5. Florida Power Corporation (FPC) supplies load and energy service to wholesale customers on an all and partial 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

Florida Power Corporation Docket No. 950001-El Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part A Sheet 2 of 4

current contractual obligations received by FPC as of June 1, 1994. The forecast of energy and demand from 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 652 MW for 1994, 665 MW in 1995, and 677 MW thereafter. SECI's projection of their system's demand and energy requirements has been incorporated into this forecast.

- This load forecast reflects the addition of customers, energy and demand previously served by the Sebring Utilities Commission. The incorporation of these customers as part of FPC's retail service began in April of 1993.
- This forecast includes the impacts of FPC'S energy conservation programs on KWh energy sales and KW peak demand.
- 8. 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. 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.
- 9. The economic outlook for this 5-year forecast calls for a continuation of the current economic recovery. Twenty and thirty year lows in interest rate levels in 1993 have resulted in large numbers of mortgage refinancing and business restructuring creating a "tax cut" -like effect on the national and Florida economies. Recent healthy gains in the economy have buoyed levels of

Florida Power Corporation Docket No. 950001-El Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part A Sheet 3 of 4

consumer confidence, consumer spending and job creation to the point that the expansionary credit policy of the past two years has finally taken hold. Beginning in February 1994 the Federal Reserve Board (FED) implemented a series of interest rate increases as a pro-active attempt to ward off prospective increases in future inflation. It is believed that much of the slack in the economy -- as measured by plant capacity utilization rates, labor market tightness and raw commodity prices -- has disappeared, creating a situation ripe for price increases in the near future. This tightening of monetary control means that the recent healthy ascent in economic growth witnessed in 1993 and early 1994 will begin to level off to smaller, more sustainable rates and prevent the economy from overheating.

The Florida economy performed quite well in 1993 due in part to the reconstruction effort following Hurricane Andrew. Employment gains were significant not only in size, but also in breadth. Manufacturing and construction employment reported positive annual growth for the first time since 1988. Statewide personal income also reflected a healthy increase as did housing starts. Single family housing has been the sole reason for the improvement in the residential construction market. Low mortgage rates helped boost the number of State residents qualifying for home ownership. In the current environment of rising mortgage rates, single family home production will eventually level off, but it is believed that this effect will be muted due to home buyers feeling more confident and more secure about their employment situation. Single family houses consume a significantly higher level of kiloWatt-hours compared to other housing types.

The only disappointment thus far in the State's recovery has been the rate of population growth. In 1993, Florida population is estimated to have grown by

Florida Power Corporation Docket No. 950001-El Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part A Sheet 4 of 4

the smallest increase since 1976. However, growth is expected to pick up significantly as recessionary fears fade away and increased home sales translate into greater retiree and workforce mobility across the nation. Unfortunately, a return to the days of 1,000-plus increase in Florida residents per day is not expected over the forecast horizon. Current projections call for statewide population to increase closer to 700 residents per day for the next two years.

#### EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS

APRIL THROUGH SEPTEMBER 1995

PART B - FUEL PRICE FORECAST ASSUMPTIONS

Florida Power Corporation Docket No. 950001-El Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part B Sheet 1 of 3

#### FUEL PRICE FORECAST ASSUMPTIONS

#### A. Residual Oil and Light Oil

The oil and gas forecast is based on expectations of normal weather, no radical changes in world energy markets (OPEC actions, for example), governmental rule changes, etc. Prices forecasted have been levelized and don't reflect the normal daily market fluctuations and are based on current contract structures and specifications.

FPC Residual Fuel Oil (#6) and Distillate Fuel Oil (#2) Prices were derived from the PIRA Forecast and the Chem Data Report dated October 1994 for the Gulf Coast.

Transportation to the Tampa Bay area plus applicable environmental taxes were added to the above prices (an adjustment was later made in the transportation costs for individual plant locations when purchased from another location besides Tampa Bay).

Florida Power Corporation Docket No. 950001-EI Witness: K. H. Wieland Exhibit No. Part B Sheet 2 of 3

#### 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. 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.

Florida Power Corporation Docket No. 950001-El Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part B Sheet 3 of 3

#### C. Natural Gas

Gas Prices for the Gulf Coast market were derived by averaging the PIRA Forecast and the Chem Data Report dated October 1994.

Adjustments were made to the above to develop a price delivered into the Southern Natural Gas pipeline system and into Florida Gas Transmission pipeline system.

Transportation costs from the Southern Natural Gas pipeline system to the Suwannee Plant and from the Florida Gas Transmission pipeline system to the University of Florida Cogeneration Project are based on their published tariff prices.

#### EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

LEVELIZED FUEL COST FACTORS

APRIL THROUGH SEPTEMBER 1995

PART C - FUEL PRICE FORECAST

Florida Power Corporation Docket No. 950001-EI Witness: K. H. Wieland Exhibit No. Part C Sheet 1 of 5

#### FUEL PRICE FORECAST

#### Residual Oil

	2	.5 %		team 1.5%	1.	0%
	\$/bbl.	\$/million BTUs (1)	\$/bbl.	\$/million BTUs (2)		million TUs (3)
1994  December	14.72	2.30	16.00	2.50	16.64	2.60
1995	24.72					
January	14.72	2.30	16.00	2.50	16.64	2.60
February	14.72	2.30	16.00	2.50	16.64	2.60
March	14.72	2.30	16.00	2.50	16.64	2.60
April	14.72	2.30	16.00	2.50	16.64	2.60
	14.72	2.30	16.00	2.50	16.64	2.60
May June	14.72	2.30	16.00	2.50	16.64	2.60
July	14.72	2.30	16.00	2.50	16.64	2.60
August	14.72	2.30	16.00	2.50	16.64	2.60
September	14.72	2.30	16.00	2.50	16.64	2.60

<sup>(1) 6.4</sup> million BTU/bbl. (2) 6.4 million BTU/bbl. (3) 6.4 million BTU/bbl.

Florida Power Corporation Docket No. 950001-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)
1994			
December	24.94	59	4.30
1995			
January	24.94	59	4.30
February	24.94	59	4.30
March	24.94	59	4.30
April	24.94	59	4.30
May	24.94	59	4.30
June	24.94	59	4.30
July	24.94	59	4.30
August	24.94	59	4.30
September	24.94	59	4.30

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

Florida Power Corporation Docket No. 950001-EI Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part C Sheet 3 of 5

#### FUEL PRICE FORECAST

#### Coal

	Cryst	al River 1	& 2	Crystal River 4 & 5			
	BTU/lb.	\$/ton	\$/million BTUs	BTU/1b.	\$/ton	\$/million BTUs	
1994							
December	12,553	46.00	1.83	12,620	49.50	1.96	
1995							
January February	12,553 12,553	45.98 45.99	1.83	12,620 12,620	49.48	1.96	
March April	12,553	45.97	1.83	12,620	49.49	1.96	
May	12,553	46.04	1.83	12,620	49.53	1.96	
June July	12,553	46.19	1.84	12,620	49.25	1.95	
August September	12,553	46.19	1.84	12,620	49.26	1.95	

Florida Power Corporation Docket No. 950001-EI Witness: K. H. Wieland Exhibit No. \_\_\_\_\_ Part C Sheet 4 of 5

#### FUEL PRICE FORECAST

#### Natural Gas

	FLORIDA G	AS TRANSMISSION	SOUTH G	EORGIA GAS
	Volume MCF	\$/million BTU (1)	Volume MCF	\$/million BTU (1)
1994				2
December	9,300	2.62	10,000	2.69
1995				
January	9,300	2.62	10,000	2.69
February	9,300	2.62	10,000	2.69
March	9,300	2.62	10,000	2.69
April	9,300	2.62	10,000	2.69
May	9,300	2.62	10,000	2.69
June	9,300	2.62	10,000	2.69
July	9,300	2.62	10,000	2.69
August	9,300	2.62	10,000	2.69
September	9,300	2.62	10,000	2.69

<sup>(1) 1000</sup> BTU/CF

Florida Power Corporation Docket No. 950001-EI Witness: K. H. Wieland Exhibit No. Part C Sheet 5 of 5

#### FUEL PRICE FORECAST Transporation Costs

#### Residual and Distillate Oil

FUEL	Location	Transportation \$/bbl	\$/million BTU
Residual	(1) ANCLOTE (1) BARTOW (1) HIGGINS (1) SUWANNEE (1) TURNER	0.00 0.00 0.00 4.16 0.00	0.00 0.00 0.00 0.66 0.00
Distillate	(2) AVON PARK POST (2) BARTOW-BARG (2) BAYBORO-BARG (2) DEBARY (2) HIGGINS (2) INT CITY (2) PORT ST.JOE (2) RIO PINAR (2) SUWANNEE (2) TURNER (2) UNIV OF FLA	E 0.93	0.19 0.16 0.16 0.24 0.09 0.14 0.52 0.22 0.23 0.23 0.00

<sup>(1) 6.3</sup> million BTU/bbl. (2) 5.8 million BTU/bbl.

#### EXHIBITS TO THE TESTIMONY OF KARL H. WIELAND

## LEVELIZED FUEL COST FACTORS APRIL THROUGH SEPTEMBER 1995

PART D - CAPACITY COST RECOVERY CALCULATIONS

## PROJECTED CAPACITY PAYMENTS

For the Period of: April through September 1995

Florida Power Corporation
Docket 950001-EI
Witness K. H. Wieland
Exhibit No
Part D
Sheet 1 of 5

z	3	27	z	u	2	u	K	12	R	3	=	
Intermediate Level Jurisdictional Capacity Charges	Intermediate Production Jurisdictional Responsibility	Subtotal - Intermediate Level Capacity Charges	Ridge Generating Station Qualifying Fa	Orlando Cogen Qualifying Facility	Orange Cogen Qualifying Facility	Pasco Cogen Qualifying Facility	22 Lake Cogen Qualifying Facility	El Dorado Qualifying Facility	Dade County Qualifying Pacifity	19 UPS Purchase (283 MW)	18 TECO Power Purchase	latermediate Production Level Capacity Charges:

4	30
Jurisdictional Capacity Payments	Sebring Base Rate Credits
(lises I)	
3	
+	
30)	

October 1994 through March 1995	12 Estimated/Actual True - Up Provision for the p	
	period	

33 TOTAL (Sum of lines 31 & 32)

34 Revenue Tax Multiplier

35 TOTAL RECOVERABLE CAPACITY PAYMENTS

## CAPACITY COST RECOVERY CLAUSE

# CALCULATION OF ESTIMATED / ACTUAL TRUE-UP

For the Period of: October 1904 through March 1995

Florida Power Corporation
Docket 950001-El
Witness K H Wieland
Exhibit No
Part D

Sheet 2 of 5

16 End of Period Net True - Up	40 Current Period Over/(Under) Recovery 41 Interest Provision for Month 42 Current Cycle Halance 43 plan Frior Period Balance 44 plan Camulative True - Up Provision 45 plan Other	37 Capacity Cost Recovery Revenues (set of revenue taxos) 37a Miscellaneous Revenue Adjustments 38 Prior Period True - Up Provision 39 Current Period Capacity Cost Recovery Revenues (net of revenue taxos) (sum lines 37 through 38)		Intermediate Production Level Capacity Charges: TECO Power Furchase (50 MW) TECO Power County Qualifying Facility TECO Power Power Power Furch Power P	Base Production Level Capacity Charges:  UPS Purchase (200/123 MW)  2 Schedule E Purchase (200/0 MW)  3 Bay Coanty Qualifying Facility  5 General Peat Qualifying Facility  5 General Peat Qualifying Facility  6 LFC Monticello Qualifying Facility  7 LFC Monticello Qualifying Facility  8 Lake County Qualifying Facility  9 Pasco County Qualifying Facility  10 Pinellas County Qualifying Facility  11 Timber Energy Qualifying Facility  12 Timber Energy Qualifying Facility  13 Matherry Energy Qualifying Facility  14 Royster Phosphates Qualifying Facility  15 Seminole Fertilizer Qualifying Facility  16 Schedule F Capacity Sales  17 Subbotal — Base Level Capacity Charges  18 Base Froduction Jerisdictional Responsibility  18 Base Froduction Jerisdictional Responsibility
\$8.533,145	\$2,316,481 32,302 2,548,783 6,943,182 (758,820)	\$14,503,331 0 758,820 \$15,262,151	(\$305,476) \$12,945,670 2,363,139	\$471,367 0 81,290 545,240 1,404,194 233,470 1,512,434 1,498,634 2,250,624 6,89,120 (2,253) \$8,693,890 84,348% \$7,333,122	001-94 52.491.205 1.544.060 1.544.060 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
\$8,927,035	\$1,114,034 38,676 3,501,493 6,943,182 (1,517,640)	\$12,817,391 0 758,820 \$13,576,211	(\$293,/02) \$12,462,177 2,118,538	\$471,567 0 77,684 545,217 1,404,230 225,470 1,1512,434 1,159,684 1,119,624 1,19,624 1	Nov-94 \$2,460,184 \$1,597,303 \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
\$9,812,663	\$1,600,326 44,122 5,145,941 6,943,182 (2,276,460) 0	\$13,074,833 0 758,820 \$13,833,653	(\$285,039) \$12,233,327 2,124,346	\$471,367 0 81,290 \$45,240 1,404,527 263,470 1,191,544 1,191,613 175,133 725,133 0 \$7,681,530 84,348% \$6,479,259	Dec-94  \$2,525,000 1,632,400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
\$5,966,064	(\$3,124,929) 37,150 2,058,162 6,943,182 (3,035,280) 0	\$13,920,872 0 758,820 \$14,679,692	\$17,804,621 2,261,807	\$471,367 3,529,010 0 572,760 1,475,068 1,574,328 1,176,135 800,946 811,188,363 83,471% \$9,339,057	\$1,533,810 \$1,533,810 135,410 2,752,464 136,340 136,
\$2,287,233	(\$2,939,443) 19,432 (\$61,849) 6,943,182 (3,794,100) 0	\$13,416,114 0 758,829 \$14,174,934	\$17,114,377 2,179,796	\$471,367 3,488,720 6 572,760 1,475,068 1,584,77 1,574,328 1,176,133 800,946 811,147,533 83,471% \$9,305,042	\$1.516,100 135,410 135,410 0 2,752,464 136,340 136,
(\$2,908,435)	(\$4,435,384) (1,463) (5,298,696) 6,943,182 (4,552,921)	\$12,649,878 0 758,821 \$13,408,699	\$17,844,083 2,055,301	\$471,367 3.521,090 0 572,760 1.475,068 1.588,771 1.574,323 1.176,135 800,946 814,180,465 83,471% \$9,332,446	Nist-95 \$1,530,370 0 135,410 0 135,410 0 2,752,464 136,340 136,340 136,340 136,340 136,340 136,347 96,34,470 96,34,470 96,34,470 96,34,470 96,34,470 96,361 305,700 0 \$9,301,534 94,561% \$8,795,898
(\$2,908,435)	(\$5.468.915) 170.219 (5.298.696) 6.943.182 (4.552.921)	\$4,552,921 \$4,552,921	\$90,404,255 13,102,928	\$2,828,202 10,538,360 240,264 3,353,977 8,638,428 790,410 9,203,615 9,219,036 8,054,788 4,177,566 8,354,788 4,177,566 8,354,788 4,177,566	TOTAL \$12,056,869 4,773,763 406,230 8,257,392 409,020 767,295 1,344,140 3,355,035 790,410 288,720 9,140,975 1,782,642 1,782,642 147,078,506 94,133%
(\$3.236,295)	(\$3,386,631) 150,336 (3,236,295) 4,552,921 (4,552,921) 0	\$82.876.640 0 \$4.552.921 \$2.616.480 \$87.429.561	\$90.816,192 13,460,864	\$2,\$28,262 0 650,100 3,354,000 8,641,584 1,580,820 9,649,881 8,965,202 6,857,277 4,865,676 84,3487 \$19,443,522	Estimate  \$22.419.390 \$4.578.000 \$81.5181 8.257.392 409.020 767.295 1.344.103 3.355.033 0 258.720 1.789.650 9.094.641 3.256.872 1.789.650 93.5478 \$53.157,481
\$327,860	(\$2.082.284) 19.883 (2.062.401) 2.190.261 0	(122*64*25) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(\$411, 7)	10,538,360 (409,836) (3,156) (3,156) (790,410) 253,734 253,734 253,734 253,110 (625,110) (625,110) \$10,381,804 -844-85556	Variance (\$10.562.52); 195.763; 406.230; (\$15.161); 0 0 0 0 790.410; 0 46.334; 17.008; 0 (\$9.745.850); (\$9.745.850);

### CAPACITY COST RECOVERY CLAUSE DEVELOPMENT OF JURISDICTIONAL DELIVERY LOSS MULTIPLIERS

Florida Power Corporation Docket 950001-EI Witness: K. H. Wieland Exhibit No.\_\_\_\_\_ Part D Sheet 3 of 5

Based on Actual Calendar Year 1993 Data

For the Period of: April through September 1995

SALES   UNBILLED   TOTAL   % OF   DELL'VERY   MWH   % OF   MULTIPLE   MWH   MWH   % OF   MULTIPLE   MWH   MWH   % OF   MULTIPLE   MWH   MWH   % OF   MULTIPLE   MU	(8)	(7)	(6)	(5)	(4)	(3)	(2)	(1)	
SALES						Y DELIVERED			
RETAIL - FIRM  1. Transmission (Metering) 2. Distribution Primary 3. Distribution Secondary 2. 2,15,887 19,948 2.226,835 0.9595000 2.331,251 2.337,031 2.337	MULTIPLIE		MWH	DELIVERY					
1. Transmission (Metering)   19,096   172   19,268   0.9695000   19,874									CLASS LOADS
2. Distribution Frimary 3. Distribution Secondary 4. Seminole Electric 5. Seminole Electric 4. Seminole Electric 4. Seminole Electric 4. Seminole Electric 4. Seminole 4. Se						19,268	172	19.096	
RETAIL - NON-FIRM  1. Transmission (Metering) 2. Distribution Primary 3. Distribution Secondary 3. Distribution Secondary 4. 1,561,293 17,648 1,978,941 0.9655866 2,053,724  TOTAL RETAIL 26,528,258 238,707 26,766,965 96.19% 0.9464351 28,281,880 96.32% 1.0  WHOLESALE 1. Source Level 373,132 1.911 375,043 1.000000 375,043 2. Transmission 583,621 3.107 586,728 0.9695000 0.0  0.9436651 0.0  Datribution Primary 96,586 638 97,224 0.95950000 101,328 0.9436651 0.0  TOTAL WHOLESALE 1.053,339 5,656 1.058,995 3.81% 0.9791393 1.081,557 3.68% 0.5  TOTAL CLASS LOADS 27,581,597 244,363 27,825,960 100.00% 0.9476397 29,363,437 100.90% 1.0  NON-CLASS LOADS  NON-CLASS LOADS  184,592 0 184,592 0 0 184,592 0 0 184,592 0 0 184,592 0 0,9436651 195,612 3. Seminole Electric 8,615 8,823 0,9695000 3,894 3. Seminole Electric 8,615 8,823 0,9695000 172,626 0.5 St. Cloud 167,201 160 167,361 0,9695000 172,626 181etchange 124,633 1,0000000 172,626 181etchange 124,633 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,00000000 172,626 1,0000000 172,626 1,00000000 172,626 1,0000000 172,626 1,00000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,0000000 172,626 1,00000000 172,626 1,00000000 172,626 1,00000000 172,626 1,000000000000000000000000000000000000							19,948 200,939		2. Distribution Primary
L. Trassmission (Metering)   1,150,415   10,351   1,160,766   0,995000   1,209,761   1,209,761   1,715   16   1,731   0,9436651   1,834   1,834   1,715   16   1,731   0,9436651   1,834   1,834   1,715   16   1,731   0,9436651   1,834   1,715   16   1,731   0,9436651   1,834   1,715   1,715   16   1,731   0,9436651   1,834   1,715			26,228,156	0.9450921		24,788,024	221,059	24,566,965	SUBTOTAL
1.   Distribution Primary   1.150.415   10.351   1.160.766   0.9595000   1.209.761   1.834     3. Distribution Secondary   1.715   16   1.731   0.9456851   1.834     5UBTOTAL   1.961.293   17.648   1.978.941   0.9635866   2.053.724     TOTAL RETAIL   26.528.258   238.707   26.766.965   96.19%   0.9464351   28.281.880   96.32%   1.0     WHOLESALE									RETAIL - NON-FIRM
TOTAL RETAIL  26,528,258  238,707  26,766,965  96.19%  0.9464351  28,281,880  96.32%  1.0  WHOLESALE  1. Source Level  373,132  1.911  375,043  1.000000  375,043  2. Transmission  583,621  3.107  586,728  0.9695000  605,186  3. Datribution Primary  96,586  638  97,224  0.9595000  101,328  4. Datribution Secondary  0  0  0  0  0  0  0  0  0  0  0  0  0			1,209,761	0.9595000		1,160,766	10,351	1,150,415	2. Distribution Primary
*** WHOLESALE**  1. Source Level			2,053,724	0.9635866		1,978,941	17,648	1,961,293	SUBTOTAL
1. Source Level 373,132 1,911 375,043 1.0000000 375,043 2.7 arasmbsion 583,621 3,107 586,728 0.9695000 605,186 3.5 Distribution Primsry 96,586 638 97,224 0.9595000 101,328 0.9436651 0.0	1.00	96.32%	28,281,880	0.9464351	96.19%	26,766,965	238,707	26,528,258	TOTAL RETAIL
1.   1.   1.   1.   1.   1.   1.   1.				II constitute		200		0.550,000.50	WHOLESALE
TOTAL CLASS LOADS 27,581,597 244,363 27,825,960 100,00% 0,9476397 29,363,437 100,90% 1.5  L. NON-CLASS LOADS  A. Company Use 184,592 0 184,592 0,9436651 195,612 B. Seminole Electric 437,195 37,589 474,784 1,0000000 474,784 C. Kusimmee 8,615 8 8,623 0,9695000 8,894 D. St. Cloud 167,201 160 167,361 0,9695000 172,626 F. Interchange 424,633 0 424,633 1,9000000 424,633 1,9000000 424,633 0,9695000 172,626 1,90000000 1,9000000 1,9000000 1,90000000 1,90000000 1,90000000 1,90000000 1,90000000 1,90000000 1,900000000 1,90000000 1,90000000 1,9000000000 1,90000000000			605,186 101,328	0.9695000		586,728 97,224	3,107 638	583,621 96,586	2 Transmission 3. Distribution Primary
I. NON-CLASS LOADS  A. Company Use	18% 0.9	3.68%	1.081,557	0.9791393	3.81%	1,058,995	5,656	1,053,339	TOTAL WHOLESALE
A. Company Use 184,592 0 184,592 0.9436651 195,612 3. Seminole Electric 437,195 37,589 474,784 1.0000000 474,784 C. Kusimmee 8,615 8 8,623 0.9695000 8,894 0. St. Cloud 167,201 160 167,361 0.9695000 172,626 F. Interchange 424,633 0 424,633 1.9000000 424,633 0. SEPA 28,519 0 28,519 1.0000000 28,519	90% 1.0	100.00%	29,363,437	0.9476397	100.00%	27,825,960	244,363	27,581,597	TOTAL CLASS LOADS
A Company of the Comp									NON-CLASS LOADS
8,615 8 8,623 0,9695000 8,894 C. Kasimmee 167,201 160 167,361 0,9695000 172,626 C. Kasimmee 167,201 160 167,361 0,9695000 172,626 C. F. Interchange 142,633 0 424,633 1,0000000 424,633 C. SEPA 28,519 0 28,519 1,0000000 28,519									
St. Cloud 167,201 160 167,361 0,9695000 172,626 F Interchange 424,633 0 424,633 1,0000000 424,633 SEPA 28,519 0 28,519 1,0000000 28,519									3. Seminole Electric
Interchange									
SEPA 28,519 0 28,519 1,0000000 28,519			424,633						
100				1.0000000			0		
TOTAL NON - CLASS 1,259,755 37,757 1,288,512 0.9873141 1,305,068									M. K. C. T. F. L. V.
			1,305,068	0.9873141		1,288,512	37,757	1,259,755	TOTAL NON - CLASS
TOTAL SYSTEM 28,832,352 282,120 29,114,472 0,9493280 30,668,505			30 668 505				252.122	20.833.313	territoria de la constante de

#### CAPACITY COST RECOVERY CLAUSE

#### CALCULATION OF AVERAGE 12 CP AND ANNUAL AVERAGE DEMAND

Florida Power Corporation Docket 950001-EI Witness K H Wieland Exhibit No Part D Sheet 4 of 5

For the Period of: April through September 1995

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	MWH Sales @ Meter Level (Apr/95 - Sep 95)	12 CP Load Factor	Average CP MW @ Meter Level	Delivery Efficiency Factor	Average CP MW @ Source Level	MWH Sales  @ Meter Level (Apr 95 - Sep 95)	Delivery Efficiency Factor	Source Level MWH	Annual Average Demand
	Aceta Section 6		(1)/4380 hrs/(2)		(3)/(4)	0.0		(6)(7)	(8) 4380 hrs
RATE CLASS			(1) 4200 BIE (7)		(3)(4)			1.21.1	(0)
1. Residential Service	7,807,257	0.496	3,592.5	0.9323981	3,852.9	7,807,257	0.9436651	8,273,334	1,888.9
II. General Service Non - Demand									
Transmission	0	0.729	0.0	0.9634000	0.0	0	0.9695000	0	0.0
Primary	2,376	0.729	0.7	0.9514000	0.8	2,376	0.9595000	2,476	0.6
Secondary	567,586	0.729	177.8	0.9323981	190.6	567,586	0.9436651	601,470	137.3
Total	569,962				191.4	569,962		603,946	137.9
II. GS - 100% L.F.	22,028	1.000	5.0	0.9323981	5.4	22,028	0.9436651	23,343	5.3
V. General Service Demand									
SS1 - Transmission	2,074	1.066	0.4			2,074			
GSD - Transmission	9,187	0.837	2.5	and the second		9,187			
SubTotal - Transmission	11,261	MARKET TO SERVICE	3.0	0.9634000	3.1	11,261	0.9695000	11,615	2.7
SS1 - Primary	2,145	1.066	0.5			2,145			
GSD - Primary	1,305,668	0.837	356.2			1,305,668			
SubTotal - Primary	1,307,513	2000	356.6	0.9514000	374.8	1,307,813	0.9595000	1,363,015	311.2
GSD - Secondary	4,409,356	0.837	1,202.8	0.9323981	1,290.0	4,409,356	0.9436651	4,672,586	1,066.8
Total	5,728,430				1,667.8	5,728,430		6,047,216	1,380.6
V. Curtailable Service									
CS - Primary	106,311	1.104	22.0			106,311			
SS3 - Primary	4,387	0.710	200.00			4,387			
SubTotal - Primary	110,698		23.4	0.9514000	24.6	110,698	0.9595000	115,371	26.3
CS - Secondary	45	1.104		0.9323981	0.0	45	0.9436651	48	0.
Total	110,743		23.4		24.6	110,743		115,418	26.
/I. Interruptible Service						00000000			
15 - Transmission	403,550	1.020				403,550			
SS2 - Transmission	62,358	1.070	1000000			62,358			
SubTotal - Transmission	465,908		103.6	0.9634000	107.6		0.9695000	480,565	100
15 - Primary	497,541	1 020				497,541			
SS2 - Primary	15,076	1 070				15,076	1212 82 6 52 4	Apple 1 Lance 1	0494
SubTotal - Primary	512,617		114.6	0.9514000	120.4	25/5/377/07/	0.9595000	534,254	122
IS - Secondary	916	1 020	0.2	0.9323981	0.2	916	0.9436651	971	0
Total	979,441				228 2	979,441		1,015,790	231
VII Lighting Service	98,970	3.425	6.6	0.9323981	7.1	98,970	0.9436651	104,878	23
	15,316,831				5,977.5	15,316,831		16,183,926	3,695.0

Coh (1) & (6): Florida Power Corp. sales forecast for period. April through September 1995.
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).

# CALCULATION OF CAPACITY COST RECOVERY FACTOR CAPACITY COST RECOVERY CLAUSE

For the Period of: April through September 1995

Part D Sheet 5 of 5 Witness K H Wieland Docket 950001-EI

Florida Power Corporation

TOTAL RETAIL	Lighting Service	Interruptible Service Transmission Frimary Secondary Total	Curtailable Service Transmission Primary Secondary Total	General Service Demand Transmission Primary Secondary Total	GS - 100% L.F.	General Service Non - Demand Transmission Primary Secondary Total Composite RS & GS	Residential Service	RATE CLASS
5,977.5	1.1	228.2	24.6	1,667.8	1,5	1914	3,852.9	AVERAGE 12 CP DEMAND
100 000%	0.118%	38185	0.411st	27 902%	0.090%	3.202%	64.458%	(2) MAND
3,695.0	23.9	231.9	26.1	1,340.6	23	137.9	1,558.9	(3) (4) ANNUAL AVERAGE DEMAND MW %
100.000%	0.648%	6.277%	0.713%	37.366%	0.144%	3.732%	51.121%	AL AL S
92.308%	0.109%	3.524%	\$-08C0	25.756%	0.083%	2956%	\$9.499%	(5) 1213 of 12CP 1213 • (2)
7.692%	0.050%	0 483%	0.055%	2,874%	0.011%	0.287%	1932%	(6) 1/13 of Ann Demand 1/13*(4)
100.000%	0 159%	4.007%	0.435%	28.630%	0.094%	120%	63.432%	(7) Demand Afficiation (5) + (6)
100.000% \$115,781,701	\$184,227	\$4,639,382	\$503.244	ONTHE	\$109,286	\$3,755,039 \$77,197,215	\$73,442,176	Dollar Allocation (7)* \$115781701
15,287,953	93,970	456,590 597,491 916 964,997	109,591 45 109,361	11,0% 1,2%,735 4,409,356 5,715,127	22,028	2.35.7 567,586 569,938 8.377,195	7,807,257	(8) (9) Dollar Effective MWHs Allocation (# Secondary Level (7) * \$115781791 (Apr 95 - Sep 95)
3 0.755912 (c. avg. w.h.)	0 0.186	0 0.471	0.454	8.563 6.574 8.530	0.4%	0.903 0.912 0.922	0.922	(9) (10) Effective MWHs Capacity Cost (8 Secondary Level Recovery Pactor (Apr 91 - Sep 95) (6/hWh)

III. OS - 10 IV. General

Ħ

VII. Lighting

VI. Interrap

V. Curtaila

Copied from Sheet 4, col (5) Copied from Sheet 4, col (9)

Col (3) 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 1995

#### SCHEDULES E1 THROUGH E10 AND H1

Schedule	Description	Page
E1	Calculation of Basic Factor	1
E1-A	Calculation of Total True-Up	2
E1-B, Sheet 1	Calculation of Estimated True-up	3
E1-B, Sheet 2	Estimated/Actual vs. Original Projected Costs	4
E1-C	Calculation of GPIF and True-Up Adjustment Factors	5
E1-D	Calculation of Levelized Fuel Cost Factors	6
E1-E	Calculation of Final Factors	7
E1-F	Jurisdictional Loss Multiplier	8
E2	Calculation of Basic Factor - Monthly	9
E3	Generating System Cost by Fuel Type	10
E4	System Net Generation and Fuel Cost	11-17
E5	Inventory Analysis	18
E6	Power Sold	19
E7	Purchased Power (Exclusive of Economy and	20
	Cogen Purchases)	
E8	Energy Payment to Qualifying Facilities	21
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E10	Residential Bill Comparison	23
H1	Generating System Comparative Data by Fuel Type	24

COMPANY: FPC

#### FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION OF BASIC FACTOR

For the Period of: April 1995 through September 1995

		(A)	(B)	(C)
	Classification	DOLLARS	MUH	c/KWH
	Classification	***********		*******
	fuel Cost of System Net Generation (E3)	201,690,909	12,617,244	1.5985
	Spent Nuclear Fuel Disposal Cost	2,948,649	3,153,635 (a)	0.0935
	Coal Car Investment	0	0	
3.	Adjustments to Fuel Cost	299,000	0	Ç46
4.	Adjustments to ruet cost		********	*********
5	TOTAL COST OF GENERATED POWER	204,938,558	12,617,244	1.6243
6.	Energy Cost of Purchased Power (Excl. ECON & COGENS) (E7)	23,470,700	1,138,410	2.0617
7.	Energy Cost of Sch.C,X Economy Purchases (Broker) (E9)	19,807,800	770,000	2.5724
8.	Energy Cost of Economy Purchases (Non-Broker) (E9)	564,152	23,580	2.3925
9.	Energy Cost of Sched. E Economy Purchases (E9)	0	0	0.0000
10.	Capacity Cost of Sch. E Economy Purchases (E9)	0	0	0.0000
11.	Payments to Qualifying Facilities (EB)	92,515,810	4,357,443	2.1232
	Payments to wastriying racintos (10)		***********	
12.	TOTAL COST OF PURCHASED POWER	136,358,462	6,289,433	2.1681
13.	TOTAL AVAILABLE KWH		18,906,677	
	The state of the s	(4,705,740)	(265,000)	1,7758
	Fuel Cost of Economy Sales (E6)	(524,000)	(265,000)	0.1977
14a.	Gain on Economy Sales (E6)	0	0	0.0000
	Fuel Cost of Other Power Sales (E6)	0	0	0.0000
	Gain on Other Power Sales (E6)	0	0	0.0000
16.		0	0	0.0000
	Gain on Seminole Back-up Sales (E6)	(7,360,400)	(320,012)	2.3000
17.	Fuel Cost of Supplemental Sales (E6)	(1,7200,1007		
	TOTAL FUEL COST AND GAINS ON POWER SALES	(12,590,140)	(585,012)	2.1521
18.			0	
19.	Net Inadvertent Interchange			
20.	TOTAL FUEL AND NET POWER TRANSACTIONS	328,706,879	18,321,665	1.7941
	was married and	24,664,823 *	(1,376,725)	0.1560
21.	Net Unbilled	1,695,425 *	(94,500)	0.0107
22.	T & D Losses	18,256,187 *	(1,017,568)	0.1153
23.	1 & D Losses			
2/	Adjusted System KWH Sales	328,706,879	15,832,872	2.0761
24.	Wholesale KWH Sales (Excluding Supplemental Sales)	(10,694,989)	(516,042)	2.0725
23.	BIDLESGIC NAM POLICE (CONT.)			
26	Jurisdictional KWH Sales	318,011,890	15,316,830	2.0762
27	Jurisdictional KWH Sales Adjusted for Line Losses: x 1.0013	318,425,305	15,316,830	2.0789
				0.0000000000000000000000000000000000000
28.	Prior Period True-Up (E1-B, Sheet 1)**	(4,624,044)	15,316,830	(0.0302)
20	Total Jurisdictional Fuel Cost	313,801,261	15,316,830	2.04874
		APRIL DE LA CONTRACTOR	The state of the state of	1,00083
	Revenue Tax Factor Fuel Cost Adjusted for Taxes	314,061,716		2.05044
	GPIF **	986,547	15,316,830	0.00644
32.	Fuel Factor adjusted for taxes including GPIF	315,048,263		2,05688
33.	THE CARROL BAJANTER IN THOSE THE CARROL TO	VIII.2		12.0000002.000
34.	TOTAL FUEL COST FACTOR Rounded to the Nearest .001 ¢/kWh			2.057

<sup>\*</sup> For Informational Purposes Only

<sup>..</sup> Based on Jurisdictional Sales

## CALCULATION OF TOTAL TRUE-UP (PROJECTED PERIOD)

For the Period: April 1995 through September 1995

ESTIMATED OVER/(UNDER) RECOVERT
(2 months actual, 4 months estimated)
(Schedule E1-B, Sheet 1)

2. FINAL TRUE-UP (6 months prior period) (Schedule E1-8, Sheet 1) TOTAL OVER/(UNDER) RECOVERY
 (to be included in projected period)
 (line 1 + line 2)

4. JURISDICTIONAL KWh SALES (projected period)

5. TRUE-UP FACTOR to nearest .0001 e/kWh (to be included in projected period) (line 3 / line 4 \* 10)

\$6,908,539

(\$5,284,495)

24,624,044

15,316,830 muh

0.0302 ¢/kuh

COMPANY: FPC

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

Re-estimated for the Period of: October 1994 through March 1995

	Ī	0ct-94	Nov-94	Dec-94	Jan-95	Feb-95	Mar-95	PER100 TOTAL
		061.44	MOV-74		2011.75			
	UEL REVENUE							
, "	JURSIDICTIONAL KWH SALES (000)	2,363,139	2,118,538	2,124,346	2,261,807	2,179,796	2,055,301	13,102,927
2	TOTAL JURISD. FUEL REVENUE (1)	48,391,852	43,349,264	43,534,223	46,351,211	44,670,559	42,119,283	268,416,392
3	Less TRUE-UP PROVISION	(5,264,409)	(5,264,409)	(5,264,409)]	(5,264,409)	(5,264,409)	(5,264,407)	(31,586,452)
4	less GP1F PROVISION	(168,224)	(168,224)]	(167,529)]	(168,085)	(168,085)]	(168,082)	(1,008,229
4a	tess of Franciscon		i	i	i	i		
46	1		1					Table Toll Long
5	NET FUEL REVENUE	42,959,219	37,916,631	38,102,285	40,918,717	39,238,065	36,686,794	235,821,711
,	UEL EXPENSE			- 1				
6	TOTAL COST OF GENERATED POWER	30,957,053	27,936,837	28,622,214	28,489,230	25,077,485	22,332,680	163,415,498
7	TOTAL COST OF PURCHASED POWER	10,483,310	11,226,548	14,845,813	15,372,400	15,057,370	20,921,920	87,907,361
8	TOTAL COST OF POWER SALES	(2,994,790)	(1,999,138)	(1,944,100)	(2,602,940)	(2,387,920)	(2,701,600)	(14,630,488
9	TOTAL FUEL AND NET POWER	38,445,573	37,164,247	41,523,927	41,258,690	37,746,935	40,553,000	236,692,371
10	Jurisd. Percentage	95.46	96.01	96.57	96.85	96.74	97.07	96.46
11	Jurisd. Loss Multiplier	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013
12	JURISDICTIONAL FUEL COST	36,747,854	35,727,779	40,149,743	40,009,706	36,562,948	39,415,153	228,613,183
	COST RECOVERY	1	1	1				
13	NET FUEL REVENUE LESS EXPENSE	6,211,365	2,188,852	(2,047,458)	909,011	2,675,117	(2,728,359)	
14	INTEREST PROVISION (2)	(117,596)	(83,410)	(63,837)	(41,993)	(8,908)	15,755	
15	CURRENT CYCLE BALANCE	6,093,769	8,199,211	6,087,916	6,954,934	9,621,143	6,908,539	
16	plus: PRIOR PERIOD BALANCE (3)	(33,870,947)	(33,870,947)	(33,870,947)	(33,870,947)	(33,870,947)	(33,870,947)	
17	plus: CUMULATIVE TRUE-UP PROVISION	5,264,409	10,528,818	15,793,227	21,057,636	26,322,045	31,586,452	
18	TOTAL RETAIL BALANCE	(22,512,769)	(15,142,918)	(11,989,804)	(5,858,377)	2,072,241	4,624,044	

TRUE-UP COMPUTATION: \$4,624,044 X (100 cents/\$) / 15,316,830 Jurisdict. MWH = 0.0302 cents/kWH

<sup>(1):</sup> Computed using effective fuel adjustment, on pre-tax basis, of 2.0493 cents/kwh.

<sup>(2):</sup> Interest for period calculated at the November 1994 ending rate of 0.4717% (monthly).

<sup>(3):</sup> Actual Jurisdictional True-Up Balance (as filed on Schedule A2, page 3 of 4) for the month of September, 1994.

CALCULATION OF GENERATING PERFORMANCE INCENTIVE

AND TRUE-UP ADJUSTMENT FACTORS

for the Period of: April 1995 through September 1995

1. TOTAL AMOUNT OF ADJUSTMENTS:

GENERATING PERFORMANCE INCENTIVE REWARD/(PENALTY)

(\$4,624,044) 1986,547

0.0064 e/ksh (0.0302)¢/kuh

15,316,830 mich

Company: FPC

#### FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

#### CALCULATION OF LEVELIZED FUEL COST FACTORS

For the Period of: April 1995 through September 1995

ine			
1.	Period Jurisdictional Fuel Cost (E1, L. 27)	\$318,425,305	
2.	Prior Period True-up (E1, L. 28)	(4,624,044)	
3.	Regulatory Assessment Fee (E1, L. 30)	260,455	
4.	GPIF (E1, L. 32)	986,547	
5.	Total Jurisdictional Fuel Cost	\$315,048,263	
6.	Jurisdictional Sales	15,316,831 N	MWH.
7.	Jurisdictional Cost per KWH Sold (L. 5 / L. 6 / 10)	2.057	/kWh
8.	Effective Jurisdictional Sales (See below)	15,287,954 M	иwн
9.	LEVELIZED FUEL FACTORS: Fuel Factor at Secondary Metering (L. 5 / L 8 / 10)	2.061	:/kWh
10.	Fuel Factor at Primary Metering (L. 9 * .99)	2.040	t/kWh
11.	Fuel Factor at Transmission Metering (L. 9 * .98)	2.020	e/kWh

#### JURISDICTIONAL SALES (MWH)

METERING VOLTAGE	@ METER	SECONDARY .
Distribution Secondary	12,906,158	12,906.158
Distribution Primary	1,933,504	1,914,170
Transmission	477,169	467,626
		*****
Total	15,316,831	15,287,954

<sup>\*</sup> Reflects Metering Reduction Factor of 1% for Primary and 2% for Transmission.

Company: FPC

#### FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

#### CALCULATION OF FINAL FUEL COST FACTORS

For the Period of: April 1995 through September 1995

		(1)	(2)	(3)
			TIME	OF USE
Line:	Metering Voltage:	FACTORS E/kWh	ON-PEAK MULTIPLIER 1.28	OFF-PEAK MULTIPLIER 0.853
1.	Distribution Secondary	2.061	2.638	1.758
2.	Distribution Primary	2.040	2.611	1.740
3.	Transmission	2.020	2.586	1.723
4.	Lighting Service	1.923	-	-

Col. (1): Copied from Schedule E1 (Levelized).

Col. (2): Calculated as col.(1) \* Off-Peak multiplier 1,280

Col. (3): Calculated as col.(1) \* Off-Peak multiplier 0.853

Line 4: Calculated at secondary rate 2.061 \* ( 18.7% \* On-Peak multiplier 1.280 \* 81.3% \* Off-Peak multiplier 0.853 ).

#### DEVELOPMENT OF TIME OF USE MULTIPLIERS

	C	N-PEAK PERIO	D	0	FF-PEAK PERIC	OD	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)	
			*********			*********	*********			
4/95	759.699	16,503,364	2.172	1,492,993	23,996,039	1.607	2,252,692	40,499,403	1 798	
5/95	991.491	23,252,887	2.345	1,737,616	28,913,789	1.664	2,729 107	52,166,676	1.911	
6/95	1.053.244	28.573.340	2.713	1,980,150	34,468,295	1.741	3,033,394	63,041,635	2.078	
7/95	1,134,928	31.828.173	2.804	2,192,293	40.541.914	1.849	3,327,221	72,370,087	2 175	
	1,151,132	34.248.990	2.975	2.217.111	42,287,155	1.907	3,368,243	76,536,145	2 272	
8/95 9/95	1,083.026	30,833,200	2 847	2,058,673	38,098,673	1 851	3,141.699	68.931.942	2 194	
TOTAL	6,173.520	165,240,023	2.677	11,678,836	208,305,865	1.784	17.852.356	373,545,888	2 092	
MADOIN	AL FUEL COST		ON-PEAK			OFF-PEAK			AVERAGE	
	ING MULTIPLIER		1 280			0.853			. 000	

#### BASED ON ACTUAL CALENDAR YEAR 1993 DATA

For the Period of: April 1995 through September 1995

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			ENERGY DEL	. I VERED		PER UNIT	ENERGY REQ'D	SOURCE	JURISDICTIONAL LOSS
		SALES	UNBILLED MUN	TOTAL	% OF TOTAL	DELIVERY	MMH (3)/(5)	% OF TOTAL	MULTIPLIER 0.9476397/COL(5)
1.	CLASS LOADS					*********		******	*************
٨.	RETAIL - FIRM								
	1. TRANSMISSION (Metering) 2. DISTRIBUTION PRIMARY 3. DISTRIBUTION SECONDARY	19,096 2,216,887 22,330,982	172 19,948 200,939	19,268 2,236,835 22,531,921		0.9695000 0.9595000 0.9436651	19,874 2,331,251 23,877,031		
	SUBTOTAL	24,566,965	221,059	24,788,024		0.9450921	26,228,156		
в.	RETAIL - NON-FIRM								
	1. TRANSMISSION (Metering) 2. DISTRIBUTION PRIMARY 3. DISTRIBUTION SECONDARY	809,163 1,150,415 1,715	7,281 10,351 16	816,444 1,160,766 1,731		0.9695000 0.9595000 0.9436651	842,129 1,209,761 1,834		
	SUBTOTAL	1,961,293	17,648	1,978,941		0.9635866	2,053,724		
	TOTAL RETAIL	26,528,258	238,707	26,766,965	96.19%	0.9464351	28,281,880	96.32%	1.0013
c.	WHOLESALE								
	1. SOURCE LEVEL 2. TRANSMISSION 4. DISTRIBUTION PRIMARY 5. DISTRIBUTION SECONDARY	373,132 583,621 96,586 0	1,911 3,107 638 0	375,043 586,728 97,224 0		1.0000000 0.9695000 0.9595000 0.9436651	375,043 605,186 101,328 0		
	TOTAL WHOLESALE	1,053,339	5,656	1,058,995	3.81%	0.9791393	1,081,557	3.68%	0.9678
	TOTAL CLASS LOADS	27,581,597	244,363	27,825,960	100.00%	0.9476397	29,363,437	100.00%	1.0000
11.	NON-CLASS LOADS								
B.C.D.E.	COMPANY USE SENINOLE ELECTRIC CO-OP KISSIMMEE ST. CLOUD INTERCHANGE SEPA	184,592 437,195 8,615 167,201 424,633 28,519	37,589 8 160 0	184,592 474,784 8,623 167,361 424,633 28,519		0.9436651 1.000000 0.9695000 0.9695000 1.0000000 1.0000000	195,612 474,784 8,894 172,626 424,633 28,519		
	TOTAL NON-CLASS	1,250,755	37,757			0.9873141	1,305,068		
	TOTAL SYSTEM	_3,832,352				0.9493280	30,668,505		

			Apr-95	May-95	Jun-95	Jul-95	Aug-95	Sep-95	TOTAL
1	Fuel Cost of Sys.Net Generation	,	19,505,433	27,945,685	34,847,254	39,389,729	41,804,962	38,197,846	201,690,909
1a	Nuclear Fuel Disposal Cost		493,984	501,665	480,246	496,254	496,254	480,246	2,948,649
16	Adjustments to Fuel Cost		1,099,000	(160,000)	(160,000)	(160,000)	(160,000)	(160,000)	299,000
2	Fuel Cost of Power Sold		(397,800)	(547,600)	(683,600)	(781,600)	(1,027,000)	(1,268,140)	(4,705,740
2a	Fuel Cost of Supplemental Sales		(1,307,000)	(518,100)	(375,200)	(902,500)	(1,874,500)	(2,383,100)	(7,360,400
Zb	Gains on Power Sales		(59,040)	(78,720)	(78,720)	(79,360)	(99,200)	(128,960)	(524,000
3	Fuel Cost of Purchased Power		2,429,370	3,714,200	4,019,300	4,413,560	4,550,290	4,343,980	23,470,700
3a	Recov. Non-Fuel Cost of Econ.Pu	urchs	0	0	0	0	0	0	
3b	Payments to Qualifying Facility	ies	14,607,040	14,735,780	15,458,040	16,993,540	15,903,110	14,818,300	92,515,810
4	Fuel Cost of Economy Purchases		4,046,813	3,258,384	3,989,355	4,070,006	2,782,581	2,224,813	20,371,952
5	Total Fuel & Net Power Transact	ts.	40,417,800	48,851,294	57,496,675	63,439,629	62,376,497	56,124,985	328,706,879
6	Adjusted System Sales	мын	2,105,590	2,171,991	2,601,331	2,892,703	3,032,391	3,028,866	15,832,872
7	System Cost per KWH Sold	e/kwh	1.9195	2.2491	2.2103	2.1931	2.0570	1.8530	2.076
7a	Jurisdictional Loss Multiplier	x	1,0013	1.0013	1.0013	1,0013	1.0013	1.0013	1,001
76	Jurisdict. Cost per KWH Sold	e/kwh	1.9220	2.2521	2.2132	2.1959	2.0597	1.8554	2.078
8	Prior Period True-Up	¢/kwh	-0.0376	-0.0365	-0.0306	-0.0276	-0.0264	-0.0264	-0.030
9	Total Jurisd. Fuel Expense	€/kwh	1.8844	2.2156	2.1826	2.1683	2.0333	1.8290	2.048
10	Revenue Tax Multiplier	×	1.00083	1.00083	1.00083	1.00083	1.00083	1,00083	1,0008
11		e/kwh	1.8860	2.2174	2.1844	2.1701	2.0350	1.8305	2.050
12	for Taxes GP1F	e/kwh	0.0080	0.0078	0.0065	0.0059	0.0056	0.0056	0.006
13	Total Fuel Cost Factor rounded to nearest .001	c/kwh	1.894	2.225	2.191	2,176	2.041	1.836	2.05

	i	Apr-95	May-95	Jun-95	Jul - 95	Aug-95	Sep 95	PERIOD TOTAL
1 2 3 4 5 6 7	FUEL COST OF SYSTEM N HEAVY OIL LIGHT OIL COAL GAS NUCLEAR OTHER TOTAL (\$)		(DOLLARS) 4,565,754 970,442 19,914,777 57,780 2,116,736 320,196 \$27,945,685	6,299,244 1,295,231 24,181,095 691,841 2,057,980 321,863 \$34,847,254	8,405,185 1,566,256 26,144,023 824,827 2,126,579 322,859 \$39,389,729	9,589,798 2,104,173 26,662,640 998,316 2,126,579 323,456 \$41,804,962	8,177,109 1,509,858 25,490,618 638,582 2,057,980 323,699 \$38,197,846	37,851,716 7,915,076 137,746,164 3,674,044 12,574,798 1,929,111 \$201,690,909
8 9 10 11 12 13	SYSTEM NET GENERATION NEAVY OIL LIGHT OIL COAL GAS NUCLEAR OTHER TOTAL (MWH)	33,573 10,345 832,174 15,663 528,325 0 1,420,080	187,813 21,066 1,090,516 19,056 536,540 0 1,854,991	264,111 27,928 1,323,092 25,811 513,632 0 2,154,574	356,975 33,455 1,435,573 30,555 530,753 0 2,387,311	407,678 43,784 1,465,638 36,600 530,753 0 2,484,453	346,384 32,018 1,309,599 24,202 513,632 0 2,315,835	1,596,534 168,596 7,546,592 151,887 3,153,635 0 12,617,244
15 16 17 18 19 20	UNITS OF FUEL BURNED HEAVY OIL (BBL) LIGHT OIL (BBL) COAL (TONS) GAS (MCF) NUCLEAR (MMBTU) OTHER (BBL)	54,204 18,627 316,183 176,354 5,497,222 12,931	299,705 38,224 409,854 206,592 5,570,358 12,931	406,539 51,078 501,630 262,742 5,415,736 12,931	538,708 61,633 542,743 312,502 5,596,260 12,931	609,927 82,609 553,620 377,094 5,596,260 12,931	521,917 59,175 529,242 243,127 5,415,736 12,931	2,431,00° 311,345 2,853,270 1,578,411 33,091,571 77,586
21 22 23 24 25 26 27	BTU'S BURNED (MILLION HEAVY OIL LIGHT OIL COAL GAS NUCLEAR OTHER TOTAL (MBTU)	346,907 108,035 7,970,979 176,354 5,497,222 75,000 14,174,497	1,918,114 221,698 10,332,192 206,592 5,570,358 75,000 18,323,954	2,601,849 296,254 12,639,149 262,742 5,415,736 75,000 21,290,730	3,447,734 357,470 13,674,548 312,502 5,596,260 75,000 23,463,512	3,903,535 479,132 13,948,192 377,094 5,596,260 75,000 24,379,212	3,340,266 343,212 13,333,952 243,127 5,415,736 75,000 22,751,293	15,558,405 1,805,801 71,899,0:0 1,578,411 33,001,571 450,000 124,383,199
28 29 30 31 32 33 34	GENERATION MIX (% MUN HEAVY OIL LIGHT OIL COAL GAS NUCLEAR OTHER TOTAL (%)	2.36 0.73 58.60 1.10 37.20 0.00 100.00	10.12 1.14 58.79 1.03 28.92 0.00 100.00	12.26 1.30 61.41 1.20 23.84 0.00 100.00	14.95 1.40 60.13 1.28 22.23 0.00 100.00	16.41 1.76 58.99 1.47 21.36 0.00 100.00	14.96 1.38 60.44 1.05 22.18 0.00 100.00	12.65 1.34 59.81 1.20 24.99 0.00 100.00
35 36 37 38 39 40	FUEL COST (\$/UNIT) HEAVY OIL LIGHT OIL COAL GAS NUCLEAR OTHER	15.03 25.19 48.56 2.62 0.38 24.52	15.23 25.39 48.59 0.28 0.38 24.76	15.49 25.36 48.21 2.63 0.38 24.89	15.60 25.41 48.17 2.64 0.38 24.97	15.72 25.47 48.16 2.65 0.38 25.01	15.67 25.52 48.16 2.63 0.38 25.03	15.57 25.42 48.28 2.33 0.38 24.86
41 42 43 44 45 46	LIGHT OIL COAL GAS MUCLEAR OTHER	2.35 4.34 1.93 2.62 0.38 4.23 1.38	2.38 4.38 1.93 0.28 0.38 4.27	2.42 4.37 1.91 2.63 0.38 4.29 1.64	2.44 4.38 1.91 2.64 0.38 4.30 1.68	2.46 4.39 1.91 2.65 0.38 4.31 1.71	2.45 4.40 1.91 2.63 0.38 4.32 1.68	2.43 4.38 1.92 2.33 0.38 4.29 1.62
48 49 50 51 52 53 54	LIGHT OIL COAL GAS NUCLEAR OTHER	8TU/KWH) 10,333 10,443 9,578 11,259 10,405 0 9,981	10,213 10,524 9,475 10,841 10,382 0 9,878	9,851 10,608 9,553 10,179 10,544 0 9,882	9,658 10,685 9,525 10,228 10,544 0 9,828	9,575 10,943 9,517 10,303 10,544 0 9,813	9,643 10,719 9,527 10,046 10,544 0 9,824	9,745 10,711 9,527 10,392 10,493 0 9,858
55 56 57 58 59 60 61	LIGHT OIL COAL GAS NUCLEAR OTHER	2.43 4.53 1.84 2.95 0.40 0.00	2.43 4.61 1.83 0.30 0.39 0.00 1.51	2.39 4.64 1.83 2.68 0.40 0.00	2.35 4.68 1.82 2.70 0.40 0.00 1.65	2.35 4.81 1.82 2.73 0.40 0.00 1.68	2.36 4.72 1.82 2.64 0.40 0.00 1.65	2.37 4.69 1.83 2.40 0.40 0.00

#### SYSTEM NET GENERATION AND FUEL COST

Estimated for the Month of:

Apr-95

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(1)	(K)	(L)	(M)
	PLANT /UNIT		NET CAPAC. (MW)	NET GENERATION (HWH)	CAPAC. FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FACTOR (%)	AVG.NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UN115)	HEAT VALUE (MSTU/ UNIT)	FUEL BURNED (MBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER K (¢,'KW
ï	CR NUC	3 1	755	528,325	97.2	94.0	100.0	10,499	NUCL	5,497,222 MBTU	1.00	5,497,222	2,088,944	0.4
ı	CRYSTAL	1	373	0	0.0	0.0	0.0	0	L OIL	0 TONS 0 BBLS	25.11 5.80	0	0	0.0
	CRYSTAL	2	469	178,678	53.1	83.6	59.1	10,189 10,244	COAL	72,894 TONS 883 BBLS	25.11 5.80	1,830,377 5,122	3,312,843 22,298	1.1
١	CRYSTAL	2	717	500 351,895	68.6	92.9	71.5	9,427	COAL	131,431 TONS 3,948 BBLS	25.24	3,317,314	6,504,415	1.
ı	CRYSTAL	4		2,429				9,427	L DIL	3,948 BBLS 111,858 TONS	5.80 25.24	22,898 2,823,287	99,684 5,535,753	1.
١	CRYSTAL	5	717	301,601	58.7	72.2	78.8	9,341	COAL L OIL	2,506 BBLS	5.80	14,538	63,288	6.
١	CRYSTAL	5	517	1,553 5,042	1.8	99.7	67.5	9,391	H OIL	9,335 BBLS	6.40	59,743	144,080	2.
ı	ANCLOTE	1	311	698	1.0	****	01.5	9,888	LOIL	1,190 BBLS	5.80	6,902	30,206	4.
١	ANCLOTE	2	517	12,370	3.8	99.3	64.7	9,681	H OIL	19,576 BBLS 2,974 BBLS	6.40	125,283	302,140	2.
l	ANCLOTE	2	1000	1,703				10,128	L OIL	2,974 BBLS	5.80	17,248	75,487	2.
١	BARTOM	1	117	707	0.9	100.0	84.6	10,684	H OIL	1,180 BBLS 101 BBLS	5.80	7,554 588	17,179	4.
ı	BARTOM	1		55		99.9	88.2	10,684	H OIL	3,289 BBLS	6.40	21,050	47,874	2.
۱	BARTON	3	119	1,973	8.1	99.2	77.0	10,669	H OIL	20,751 BBLS	6.40	132,808	302,045	2.
1	SUMANNEE	1	34	20	0.4	100.0	94.5	14,474	H OIL	45 BBLS	6.40	289	807	4.
ı	SUMANNEE	1	-	86				14,995	GAS	1,290 MCF	1.00	1,290	3,469	4.
١	SUMANNEE	2	33	13	0.4	100.0	98.5	13,841	H OIL	28 BBLS	6.40	180	502	3.
١	SUMANNEE	2		91				14,340	GAS	1,305 MCF 0 BBLS	1.00	1,305	3,510	0
١	SUMANNEE	3	80	592	1.0	100.0	66.7	11,307	H OIL	6,694 MCF	1.00	6,694	18,006	3
Ì	SUMANNEE	1-6	390	53	0.0	100.0	90.6	12,047	L OIL	110 BBLS	5.80	638	2,800	5
1	DEBART	7-10	396	695	0.2	100.0	82.6	12,039	L OIL	1,443 BBLS	5.80	8,367	36,699	5
1	INT CITY	1-6	354	36	0.0	100.0	87.2	12,506	L OIL	78 BBLS	5.80	450	1,934	5
1	INT CITY	7-10	396	2,596	0.9	90.0	83.5	11,920	L OIL	5,335 BBLS	5.80 5.80	30,944	132,899	5
1	PAVON PK	1-2	64	0	0.0	0.0	0.0	21,231	L OIL	0 BBLS	5.80	0	ŏ	1 0
1	PBARTOW	1-4	217	0	0.0	90.0	0.0	21,231	L 01L	O BBLS	5.80	Ö	ő	0
1	PHIGGINS	1-2	66	1 6	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0
1	PHIGGINS	3-4	82	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0
1	PINAR	1	18	0	0.0	0.0	0.0	0	I OIL	0 BBLS	5.80	0	0	0
1	P SWAN	1-3	201	27	0.0	100.0	80.6	12,574	r oir	59 BBLS	5.80	339	1,410	5
1	PTURNER	1-2	36	0	0.0	0.0	0.0	0	I OIL	O BBLS	5.80	0	ő	0
1	PTURNER	3-4	164	0	0.0	0.0	0.0	0	1 011	O BBLS	5.80	ŏ	ő	0
1	ST JOE UNIVERS		40	14,894	51.7	96.0	53.9	11,217	GAS	167,066 MCF	1.00	167,066	437,713	2
	OTHER		0	0	0.0	0.0	0.0	0	S OIL	12,931 BBLS	5.80	75,000	317,038	0
- 1	TOTAL		1 7,335	1,420,080	1	1	1	1 9,981	1	1	1	14,174,497	19,505,434	1 1

#### SYSTEM NET GENERATION AND FUEL COST

COMPANY: FPC

Estimated for the Month of:

May-95

	(A)		(8)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(1)	(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 KWY (¢/KWH)
11	CR NUC	3 1	742	536,540	97.2	94.0	100.0	10,525	NUCL	5,570,358 MBTU	1.00	5,570,358	2,116,736	0.39
2	CRYSTAL	!	372	20,320	7.4	11.3	60.8	10,207	L OIL	8,326 TONS 374 BBLS	25.11 5.80	209,072	379,788 9,516	1.87
4	CRYSTAL	2	468	218,801	63.0	83.6	70.2	10,126	COAL L OIL	87,939 TONS 882 BBLS	25.11	2,208,140	4,011,171	1.83
5	CRYSTAL	2 4	697	385,494	74.7	92.9	77.9	9,419	COAL	143,140 TONS	25.24	3,612,850	7,085,959	1.84
7	CRYSTAL	4		1,973		94.2	92.5	9,372	COAL	3,188 BSLS 170,449 TONS	5.80 25.24	4,302,130	81,049	1.81
8	CRYSTAL	5	697	465,901	89.9	74.2	42.5	9,234	LOIL	275 BBLS	5.80	1,597	7,002	4.05
10	ANCLOTE	1	503	85,329	24.9	97.1	69.0	9,403	H OIL	129,420 BBLS 13,086 BBLS	5.80	828,289 75,899	2,021,850 334,230	2.37
11	ANCLOTE	2	503	7,819	9.6	97.7	47.0	9,812	H OIL	51,065 BBLS	6.40	326,815	797,755	2.68
13	ANCLOTE	2	1 Sitt	5,975	30.150			10,971	H OIL	11,302 BBLS 4,868 BBLS	5.80	65,552 31,153	288,664 71,283	2.46
14	BARTON	1	115	2,899 218	3.6	99.8	77.4	10,746	L OIL	404 BBLS	5.80	2,343	9,608	4.41
16	BARTON	2	117	23.863	27.4	98.4	93.1	10,710	H OIL	39,933 BBLS	6.40	255,573 475,814	584,800 1,088,755	2.45
17	BARTON	3	208	45,897	29.7	97.6	92.2	10,367	H OIL	74,346 BBLS 45 BBLS	6.40	288	804	3.65
19	SUMANNEE	i		188				13,574	GAS	2,552 MCF 28 BBLS	1.00	2,552	6,865 508	3.65
20	SUWANNEE	2	32	14	0.9	100.0	97.0	13,012 13,480	H OIL	2,656 MCF	1.00	2,656	7,143	3.63
21	SUMANNEE	3	80	0	2.4	100.0	66.9	0	H OIL	0 BBLS	1.00	16,272	43,772	3.04
23	SUMANNEE	1-6	324	1,440	0.1	100.0	87.5	11,300	GAS L OIL	16,272 MCF 289 BBLS	5.80	1,676	7,350	5.37
25	DEBARY	7-10	332	807	0.3	100.0	82.4	12,089	L OIL	1,682 BBLS	5.80 5.80	9,756	42,790	5.30
26	INT CITY	7-10	282 332	3,196	1.3	100.0	42.6 83.9	12,992	L OIL	6,629 BBLS	5.80	38,448	165,125	5.1
28	PAVON PK	1-2	58	0	0.0	0.0	0.0	0	L OIL	0 88LS	5.80	0	0	0.0
29	PBARTON	1-6	187	5 2	0.0	100.0	100.0	13,758	L OIL	12 BBLS 4 BBLS	5.80	69 26	282	5.6
30	PHIGGINS	1-2	58	0	0.0	0.0	0.0	0	L OIL	0 8815	5.80	0	0	
32	PHIGGINS	3-4	66	0	0.0	0.0	0.0	0	L OIL	0 BBLS 0 BBLS	5.80	0	0 0	
33	PINAR P SWAN	1.3	162	23	0.0	100.0	60.8	13,122	L OIL	52 BBLS	5.80	302	1,254	5.4
35	PTURNER	1-2	30	18	0.0	100.0	92.3	12,616	L OIL	0 BBLS 39 BBLS	5.80	227	926	
36 37	ST JOE	3-4	130	0	0.0	0.0	0.0	0	L OIL	0 BBLS	5.80	0	0	0.0
38 39 40	UNIVERS	1	36 0	17,231	0.0	96.0	67.0	10,743	GAS S OIL	185,113 MCF 12,931 BBLS	1.00 5.80	185,113 75,000	320,196	
	TOTAL		6,782	1 1,854,991	1	1	i	9,878	1	1	1	18,323,954	27,945,684	1 1.5

Estimated for the Month of:

30(.98

TT CAPAC. GE CAP	CENERATION FACTOR (MAIN) (X) 530,753 97.2 194,4552 71.1 272,718 79.1 2468,022 90.3 468,022 90.3 469,981 96.4 10.734 13.5 9837 11.3 66,044 42.7 557	AVAIL. (ACTOR (A	74.8 74.8 88.2	RATE (BTU/KWH)	1		- AME   100	125	١
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			74.8 88.2		<u> </u>	SURNED (UNITS)	CHBTU/ UNIT3	BURNED (MBTU)	FUEL COST (\$)
20 20 20 20 20 20 20 20 20 20 20 20 20 2			88.2	10,541	MUCL	5,596,260 MBTU	8:	5,596,260	
20 20 20 20 20 20 20 20 20 20 20 20 20 2			58.2	10,118	COAL	78,608 TOWS	0	1,973,831	
20			8 8	00,130	1000	108 210 1085	25.50	2 717 008	
5 697 5 697 6 697			8	40,00	100	200 047 001	2.5	4,171	
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				277	1	172 820 TOWE	3,5	4 TK1 0K5	
5 697 5 503 5 503 503 5 503 5				0.20	101	654 8815	5.80	3.793	
8 22 1 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3			99.2	9.245	SON	183,075 TOWS	22.52	4,620,824	9,038,2
503 51 12 22 22 23 33 34 35 35 35 35 35 35 35 35 35 35 35 35 35				0	1 011	0 8818	5.80	0	ĥ
2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			75.5	9,193	# 01f	238,894, 881.5	6.40	1,528,922	'n
20 1 1 2 2 2 1 2 2 3 2 3 3 3 3 3 3 3 3 3 3			0.750533	9,311	1001	13,087 8815	2.80	20,003	
21 132 11 15 20 11 15			69.6	6,432	100	157,566 8815	0.0	1,006,428	2
2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ELEEU			000	1001	12,492 8815	0.00	115 511	
252-132 8 2 283 8 2 283	I FULL	-	2.4	20.00		1 511 8815	200	× 77.8	
8 X X8				300	100	14 OK1 BRI C	97.9	108 551	
2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			25.50	10,00		105 474 BRIG	07.9	AZO KA	
8 2 2			72.4	775 21	100	1 420 881 5	9 40	9 0.08	28
8 22	100	-	0.77	120 71	CAS	2 736 MCF	1.00	12	
8 2	1 1	1000	8 yo	11,188	N OIL	340 8815	6.40	2.176	9
80				13.662	CAS	7,733 NCF	1.00	7.733	
3	9.11	0.00	70.2	0	H OIL	0 8815	6.40	0	
				11,194	Ses	76,287 MCF	9.1	76,287	205,212
1-6 324		_	89.7	12,214	1 011	1,969 881.5	5.80	11,420	~
7-10		_	87.4	11.959	1 011	8,177 8815	5.80	47,429	20
1.6 282		_	1.18	13,118	1 011	181 8815	5.80	1,049	
7-10		_	89.6	11,935	1101	21,201 8815	5.80	122,966	53
2.3		-	0 0	0	1 011	0 8815	5.80	0	
200		4	8	170 011	110	157 881 5	5.80	806	3.836
200		-	000	13 044	110	106 881 5	S An	119	
9.1	_	-	200	2,000	100	200	200	90	
1-2 58	_	_	0.0	0	100	0 8813	200	9 6	
- 7		-	0.0	0	101	0 8813	20.00	> 0	
		-	0.0	0	1 011	0 8818	2.60	0	
1-3 162	_	-	8	12,621	1 011	435 BBLS	2.80	476'2	10,487
R 1-2 30	_	-	0.0	0	110 7	0 8818	5.80	0	
3-4 130	_	_	86.2	12,677	110 7	\$ 188 707	5.80	2,345	
1 15	_	-	0.0	0	1007	0	2.80	0	•
1 36		-	89.4	9.824	GAS	3	1.00	225,746	55
0	0.0	0.0	0.0	0	S 011	12,931 8815	5.80	75,000	322,859
	-						_		

Estimated for the Month of:

Aug-95

41,804,962 2, 522, 039 2, 314, 729 2, 319, 530 319, 530 319, 530 31, 530 24,651 2, 126, 579 3, 747, 614 9, 585 5, 153, 595 22, 676 8, 730, 043 15, 656 9, 031, 388 25, 521 26, 521 26, 521 26, 521 27, 623 27, 623 27, 623 27, 623 28, 523 28, 523 28, 523 28, 523 38, 24,379,212 229,513 2,5%,260 2,0%,477 2,814,247 5,120 4,686,484 4,680,484 4,680,484 4,680,884 4,680,884 883 8815 176,967 1045 609 8815 183,075 1045 13,086 8815 13,086 8815 13,086 8815 13,086 8815 17,4 8815 27,102 8815 17,4 8815 27,102 8815 17,4 8815 27,105 8815 17,4 8815 27,105 8815 17,4 8815 27,105 12,931 1,583 9,813 10,807 11,905 11,905 11,905 11,905 11,905 11,654 12,614 12,614 12,614 NET CUITPUT FACTOR (X) 77.7 0.000 100.0 28.6 AVAIL. FACTOR (X) 2,484,453 18,24 122,975 73,557 GENERATION 202,381 202,381 202,381 281,095 215 480,181 499,981 6.767 SAPAC. 1881 5050 CR NUC CRYSTAL CRYSTAL CRYSTAL CRYSTAL CRYSTAL CRYSTAL CRYSTAL CRYSTAL ANCLOTE ANCLOTE ANCLOTE BARTOM SUMANNEE SUMANN PLANT /UNIT P SMAN PTURNER PTURNER ST JOE UNIVERS OTHER 

Estimated for the Month of:

Sep-95

	FUEL COST PER KNIN (4/KNIN)	0.40	4.50	1.83	4.42	1.85	4.14	50.0	30	7.00	2.41	4.2	5.49	4.50	25.0	SE SE	3.69	3.69	38	3.0	377.5	5.33	5.72	5.23	0.0	2.43	2.48	0.00	38	35	00.00	5.15	0.00	2.57	0.00	37
	AS BURNED FUEL COST (\$)	3,619,746	9,620	4,922,018	22,742	8,215,016	17,365	8,733,838	101 710 1	319 535	2,298,578	289,092	239,259	34,002	1 171 167	3,209	26,278	1,992	27,75	7 017	54, 275	184, 255	3,716	541,342	0	3,780	1,864	0	0 0	15 581	0	10,089	0	577.523	323,699	10 107 024
	FUEL SURNED (MBTU)	5,415,736	2,164	2,683,121	5,116	4,205,991	3,907	4,471,022	1 544 621	72,451	919,838	65,549	104,077	200	20,000	1117	9.769	200	10,321	2 400	12, 51	41,332	848	123,520	0	895	157	00	9 0	1 400	20,0	2.473	0	220.429	75,000	100 300
	HEAT VALUE CMBTU/ UNITO	8.1.8	5.80	11.82	5.80	22.24	2.80	25.0	90.9	5.80	07.9	5.80	6.40	2.80	20.4	07.9	1.00	07.9	9.5	35	800	5.80	5.80	5.80	5.80	5.80	2.80	5.80	9.0	98	200	5.80	5.80	1.00	5.80	
*************	FUEL BURNED (UNITS)	5,415,736 MBTU 78,583 TONS	33		_		_		277 741 881 5	12,492 8815	143,725 8815	11,301 8815	16,262 8815	1,413 8815	00,000 8813	178 8815	9,769 MCF	110 8815				7,126,8815				154 8815		0 8812	0 0813	V 8813	0.000 000	426 8815	0 8815	720	12,931 88LS	
******	FUEL	NUCL	101	NO N	1 011	COAL	101	200	100	100	100 #	1 011	# 01f	101	100	100	CAS	H 01L	SS	301	3	10	1001	100	1 011	110 7	110 1	101	1001	100	50	101	1 011	GAS	\$ 011	
	AVG.NET HEAT RATE (BTU/KWH)	10,541	10,113	10,001	756.6	9,360	9,324	9,246	0 270	0,272	9.596	9,631	10,838	10,838	10,939	11,275	13.701	13,075	13,545		800 61	170	13.045	11,932	0	12,972	13,253	0	00	12 23	62,72	12 617	0	0 700	0	
	NET COUTPUT FACTOR (X)	100.00		2.0		93.8		8.5	74.7		62.7		90.0	:	33			7.76		3.	9 00	87.6	7.180	89.2	0.0	98.4	80.4	0	0.0	0.0	0.0	86.2	0.0	7 00	0.0	
	FACTOR CS CS	25.0	;	83.6		6.26		2.7	7 70		7.96		7.8		2.5	9.9	2	100.0		3.3	0	200	100.0	80	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0 96	0.0	
	CAPAC. FACTOR (X)	97.2 77.5	:	80.8		0.0		4.9	0 07	0.0	28.3		12.5			0.7	:	3.5		• .0			0.0	7	0.0	0.1	0.0	0.0	0.0	0.0	2.0	9.0	0.0	8 98	0.0	
	NET GENERATION (MLH)	513,632	216	269.552	514	451,093	419	483,837	0.70	7.00	808 808	6.806	9,603	22	9,885	06,307	713	55	762	0	35	257.1	59	10.352	0	69	*	0	0	0 8	25	90	20	307 66	0	
1-100 C 100	C. C	23	Ř	797		269		269	200	200	503		115		114	200	3	32		8	100	\$2	282	332	28	187	188	28	8	2	102	200	35	25	0	
STATE STATE		n		2	2	4	,	n	۰.		- 2	2	-	-	21			2	2	m		000	9	7-10	1.2	7.	7-1	1.5	3.4	-:	?:	7.1	,	•		
	PLANT /UNIT	CR NUC	COTSTAL	CRYSTAL	CRYSTAL	CRYSTAL	CRYSTAL	CRYSTAL	CRYSTAL	ANCLOIE	ANCIOTE	ANCLOTE	BARTON	BARTON	BARTON	BARTON	SIMANNE	SUMANNEE	SUMANNEE	SUMANNEE	SUMANNEE	DEBART	INT CITY	INT CITY	PAVON PK	PBARTON	PBAYBORD	PHIGGINS	PHIGGINS	PINAR	P SWAN	PIUKNEK	CT INE	30.00	OTHER OTHER	

#### Estimated for the Period: April 1995 through September 1995

	(A)		(8)	(C)	(0)	(E)	(F)	(G)	(H)	(1)	(1)	(K)	(L)	(M)
	PLANT /UNIT		NET CAPAC. (MM)	NET GENERATION (HWH)	CAPAC. FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG.NET HEAT RATE (STU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	HEAT VALUE (MBTU/ UNIT)	FUEL BURNED (MBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KI (¢/KW
1 1	CR NUC	3	739	3,153,635	97.2	94.0	100.0	10,493	NUCL	33,091,571 MBTU	1.00	33,091,571	12,574,797	0.4
2	CRYSTAL	1	370	786,918	48.5	60.2	60.0	10,135	COAL	317,619 TONS	25.11	7,975,417	14,585,598	1.8
3	CRYSTAL	1	1000	1,066	2000000	1303544	1	10,163	L OIL	1,868 BBLS	5.80	10,834	47,878	4.4
. 1	CRYSTAL	2	466	1,469,883	72.0	83.6	80.3	10,019	COAL	586,505 TOWS	25.11	14,727,147	26,874,729	1.1
1	CRYSTAL	2	35874	3,061		20015	(3888)	10,034	L OIL	5,295 BBLS	5.80	30,713	135 393	4.
. 1	CRYSTAL	4	700	2,554,637	83.3	92.9	86.8	9,350	COAL	946,355 TONS	25.24	23,385,989	46,748,812	1.1
1	CRYSTAL	4	1/100	6,463			507.6	9,383	L OIL	10,456 BBLS	5.80	60,646	265,930	4.
3	CRYSTAL	5	700	2,735,154	89.0	90.5	94.7	9,254	COAL	1,002,791 TOWS	25.24	25,310,457	49,537,025	1.1
1	CRYSTAL	5	1	1,726	All the Control		- WA	9,348	L OIL	2,782 BBLS	5.80	16,135	70,290	4.1
0	ANCLOTE	1	505	742,238	35.3	97.1	72.7	9.359	H OIL	1,085,464 BBLS	6.40	6,946,972	17,251,256	2.
1	ANCLOTE	1	and the same	40,698	1000000		0.5	9,409	L OIL	66,025 BBLS	5.80	382,945	1,688,061	4.
2	ANCLOTE	2	505	436,333	21.3	97.3	63.8	9,703	H OIL	661,489 BBLS	6.40	4,233,530	10,514,780	2.
5	ANCLOTE	2	1000	36,397	(COLUMN)			9,858	L OIL	61,862 8845	5.80	358,798	1,581,298	4.
4	BARTON	1	115	44,727	9.5	99.5	82.0	10,771	H OIL	75,276 BBLS	6.40	481,765	1,106,216	2.
5	BARTON	1		3,367				10,774	L OIL	6,254 BBLS	5.80	36,275	152,835	4.
5	BARTON	2	117	65,211	12.7	99.2	86.6	10,876	H OIL	110,814 BBLS	6.40	709,213	1,626,361	2.
7	BARTON	3	209	301,432	32.9	97.2	88.7	10,306	H OIL	485,413 BBLS	6.40	3,106,643	7,128,520	2.
вΙ	SUMANNEE	1	33	2,187	2.6	100.0	87.6	13,470	H OIL	4,603 BBLS	6.40	29,459	82,616	3.
9	SUMANNEE	1		1,608	13000	Toxio-ser)	1000011100	13,851	GAS	22,273 MCF	1.00	22,273	59,914	3.
o I	SUMANNEE	2	32	1,335	2.4	100.0	97.7	13,209	H OIL	2,755 BBLS	6.40	17,635	49,647	3.
1	SUMANNEE	2	170000	2,089	-0.0000000	10/196.5 (4)	2000	13,640	GAS	28,495 MCF	1.00	28,495	76,650	3.
2	SUMANNEE	3	80	3,071	8.1	83.8	67.5	10,807	H OIL	5,186 BBLS	6.40	33,188	92,319	3.
3	SUMANNEE	3		25,559		0.000000	and the second	11,206	GAS	286,411 MCF	1.00	286,411	770,447	3.
4	DEBARY	1-6	335	5,032	0.3	100.0	89.7	12,199	L OIL	10,583 BBLS	5.80	61,384	272,230	5.
5	DEBARY	7-10	343	18,678	1.2	97.4	85.9	11,959	L OIL	38,511 BBLS	5.80	223,362	989,470	5.
6	INT CITY	1-6	294	446	0.0	100.0	77.0	13,031	L OIL	1,002 BBLS	5.80	5,812	25,341	5.
7	INT CITY	7-10	343	48,711	3.2	98.2	87.8	11,933	L OIL	100,215 BBLS	5.80	581,249	2,529,684	5.
8	PAVON PK	1-2	59	2	0.0			14,973	L OIL	5 BBLS	5.80	30	137	6.
9	PBARTOW	1-4	192	367	0.0	98.3	80.2	13,042	L OIL	825 BBLS	5.80	4,786	20,205	5.
0	PBAYBORO	1-4	195	242	0.0	83.3	57.6	13,065	L OIL	545 BBLS	5.80	3,162	13,080	5
i	PHIGGINS	1-2	59	1	0.0			15,869	L OIL	3 BBLS	5.80	16	70	6.
2	PHIGGINS	3-4	69	3	0.0		1	14,654	L OIL	8 BBLS	5.80	44	194	6.
3	PINAR	1	16	0	0.0			0	L OIL	O BBLS	0.00	0	0	0.
4	P SWAN	1-3	169	1,352	0.2	100.0	73.0	12,712	L OIL	2,963 8815	5.80	17,186	72,289	5.
5	PTURNER	1-2	31	0	0.0		100.000	0	L OIL	O BBLS	0.00	0	0	0
6	PTURNER	3-4	136	984	0.2	83.3	73.0	12,627	L DIL	2,142 BBLS	5.80	12,425	50,691	5.
7	ST JOE	1	16	0	0.0			0	LOIL	O BBLS	0.00	0	0	0.
8	UNIVERS	1	37	122,631	76.1	96.0	79.8	10,122	GAS	1,241,232 MCF	1.00	1,241,232	2.767,034	2
9	OTHER			0				0	5 01L	77,586 8915	5.80	450,000	1,929,112	0.
	I TOTAL		1 6 86/	1 12,617,244				9,858	1		1	124,383,199	1 201 690 910	1 1

/1

#### SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS

			April 1995 ti	rough Septembe	EL 1993			
	i		1					PERIOD
	i	Apr-95	Hay-95	Jun-95	Jul-95	Aug-95	Sep-95	IATOT
								********
	HEAVY OIL					445		
1	PURCHASES:	150,000	300,000	450,000	450,000	605,000	600,000	2,555,000
3	UNITS (BBL)   UNIT COST (\$/BBL)	16.00	15.36	15.57	15.57	15.71	15.68	15.63
2	AMOUNT (\$)	\$2,400,000	\$4,608,000	\$7,008,000	\$7,008,000	\$9,502,400	\$9,408,000	\$39,934,400
5	BURNED:			N 20 1			000000000	Contraction of the Contraction o
6	UNITS (BBL)	54,204	299,705	406,539	538,708	609,927	521,917	2,431,001
7	U411 COST (\$/BBL)	15.03	15.23	15.49	15.60	15.72	15.67	15.57
8	A fOUNT (\$)	\$814,626	\$4,565,754	\$6,299,244	\$8,405,185	\$9,589,798	\$8,177,109	\$37,851,717
9	ENJING INVENTORY:	477 700	171 001	517,465	428,757	423,829	501,913	
10	UNITS (BBL)	473,709 15.42	474,004 15.50	15.57	15.53	15.51	15.55	
11	UNIT COST (\$/BBL)   AMOUNT (\$)	\$7,306,019	\$7,348,265	\$8,057,021	\$6,659,835	\$6,572,438	\$7,803,329	
13	AMOUNT (\$)	\$7,300,019	27,340,203	30,037,027				
10000	DAYS SUPPLY	271	47	38	25	22	29	
						• • • • • • • • • • • • • • • • • • • •		
	LIGHT OIL			500	SHOW THE			
15 16	PURCHASES: UNITS (BBL)	20,000	27,000	59,000	67,000	82,000	52,000	\$07,000
17	UNIT COST (\$/BBL)	25.97	25.63	25.77	25.79	25.87	25.80	25.81
18	AMOUNT (\$)	\$519,490	\$692,040	\$1,520,380	\$1,727,840	\$2,121,110	\$1,341,590	\$7,922,450
19	BURNED:					100 mm		
20	UNITS (BBL)	18,627	38,224	51,078	61,633	82,609	59, 175	311,345
21	UNIT COST (\$/BBL)	25.19	25.39	25.36	25.41	25.47	25.52	25.42
22	AMOUNT (\$)	\$469,116	\$970,442	\$1,295,231	\$1,566,256	\$2,104,173	\$1,509,858	\$7,915,076
23	ENDING INVENTORY:	202 077	200 050	200 771	204 130	293,530	286,355	
24	UNITS (BBL)	292,073	280,850	288,771	294,139	25.09	25.14	
25	UNIT COST (\$/BBL)	24.79 \$7,240,683	\$6,962,281	\$7,187,431	\$7,349,014	\$7,365,952	\$7,197,683	
26 27	AMOUNT (\$)	\$1,240,003	\$0,702,201	**,101,431	27,547,544	41,545,156	0.0000000000000000000000000000000000000	
28	DAYS SUPPLY	486	220	170	148	110	145	
						•••••		
	COAL			- 10				
29	PURCHASES:		i		P IDW			1
30	UNITS (TONS)	425,000	424,000	426,000	425,000	425,000	426,000	2,551,000
31	UNIT COST (\$/TON)	48.44	48.44	48.36	48.29	48.31	48.30	48.36
32	AMOUNT (\$)	\$20,589,000	\$20,536,550	\$20,599,420	\$20,524,270	\$20,529,940	\$20,574,720	\$123,353,900
33	BURNED:	1111111				557 430	520.2/2	2,853,270
34	UNITS (TONS)	316,183	409,854	501,630	542,743	553,620 48.16	529,242	48.28
35	UNIT COST (\$/TOK)	48.56	48.59	48.21	48.17	\$26,662,640	\$25,490,618	\$137,746,164
36	AMOUNT (\$)	\$15,353,011	\$19,914,777	\$24,101,073	\$20,144,025	200,000,010		
37 38	ENDING INVENTORY: UNITS (TONS)	869,130	883,277	807,647	689,904	561,284	458,043	
39	UNIT COST (\$/TON)	47.90	47.84	47.88	47.91	47.96	48.04	1
40	AMOUNT (\$)	\$41,631,480	The second secon		\$33,051,826	\$26,919,125	\$22,003,227	1
41						1	1	1
42	DAYS SUPPLY	85	65	48	39	31	26	!
								1
	GAS		i				i	Ĭ.
43	BURNED:	80.85 0.85	1	1				
44	UNITS (MCF)	176,354	206,592	262,742	312,502	377,094	243,127	1,578,411
45	UNIT COST (\$/MCF)	2.62	0.28	2.63	\$824,827	\$998,316	\$638,582	\$3,674,045
46	AMOUNT (\$)	\$462,698	\$57,780	\$691,841	3024,027	***************************************		
						!	I	1
-	NUCLEAR		!				1	1
47		5,497,222	5,570,358	5,415,736	5,596,260	5,596,260	5,415,736	33,091,571
48	UNITS (MMBTU) UNIT COST(\$/MMBTU)		0.38	0.38	0.38	0.38	0.38	0.38
100					Company of the Compan	** ** ** ** ** ** ** ** ** ** ** ** **	\$2,057,980	\$12,574,797
50	AMOUNT (\$)	\$2,088,944			Company of the Compan	** ** ** ** ** ** ** ** ** ** ** ** **		\$12,574,7

COMPANY: FPC

### PURCHASED POWER (EXCLUSIVE OF ECONOMY & COGEN PURCHASES)

	(2)	(3)	(4)	(5)	(6)	(7)		(8)		(4)
	l	1 1			1	1		¢/K	WH ]	
MONTH	NAME OF PURCHASE	TYPE   &   SCHED	TOTAL KWH PURCHASED	KWM FOR OTHER UTILITIES	FOR   INTERRUPT	FOR [ FIRM ]	(A) FUEL COST	VI 3	(B) ( 101A) ( COST	TOTAL & FOR FUEL ADJ (7) * (8)(8)
Apr-95	EMERGNCY   TECO   UPS PURC	A&B     ·     UPS	0 175,000 117,471,000			0   175,000   117,471,000	2.520	1	2.520   2.064	
Honth	 I	1 1	117,646,000		0 1	117,646,000	2.065	1	2.065	2,429,370
May-95	EMERGNCY   TECO   UPS PURC	A&8     -     UPS	347,000 181,541,000			0   347,000   181,541,000	2.516	1	2.516   2.041	
Month	l	1 1	181,888,000		0 1	181,888,000	2.042	1	2.042 (	3,714,200
							*****			*****
Jun-95	EMERGNCY   TECO   UPS PURC	A&8     -     UPS	1,052,000 192,727,000			0   1,052,000   192,727,000	2.521	1	2.521   2.072	
Month	l	1 1	193,779,000		0 1	193,779,000	2.074	1	2.074	4,019,300
						••••				
Jul - 95	EMERGNCY   TECO   UPS PURC	A&B     -     UPS	2,732,000 209,457,000			2,732,000   209,457,000	2.520	1	2.520   2.074	
			212 180 000				2 000			
Month		1 1	212,189,000		0 1	212,189,000	2.000	1	2.080	4,413,560
Month					0 1	••••••••••••••••••••••••••••••••••••••				
Aug-95	EMERGNCY	A&B			0   	1,000   3,421,000   215,315,000	4,200	!	6.000   2.520   2.073	60 86,220
Aug-95	EMERGNCY   TECO   UPS PURC	ALB	1,000 3,421,000 215,315,000			1,000   3,421,000   215,315,000	4.200 2.510 2.073	1	6.000	86,220 4,464,010
Aug-95	EMERGNCY   TECO   UPS PURC	A&B	1,000 3,421,000 215,315,000			1,000   3,421,000   215,315,000   218,737,000	4.200 2.520 2.073 2.080	1	6.000   2.520   2.073	86,220 4,464,010 4,550,290
Aug-95 Month	EMERGNCY TECO UPS PURC	A&B	1,000 3,421,000 215,315,000 218,737,000			1,000   3,421,000   215,315,000   218,737,000	4.200 2.510 2.073	1	6.000   2.520   2.073	86,220 4,464,010 4,550,290 0 38,100
Aug-95 Month	EMERGNCY TECO UPS PURC	ALB	1,000 3,421,000 215,315,000 218,737,000 0 1,512,000			1,000   3,421,000   215,315,000   218,737,000   0   1,512,000   212,659,000	4.200 2.520 2.073 2.080 0.000 2.520		6.000   2.520   2.073   2.080	86,220 4,464,010 4,550,290 0 38,100
Aug-95 Honth Sep-95	EMERGNCY TECO UPS PURC	ALB	1,000 3,421,000 215,315,000 218,737,000 0 1,512,000 212,659,000 214,171,000		0	1,000   3,421,000   215,315,000   218,737,000   0   1,512,000   212,659,000	4.200 2.520 2.073 2.080 0.000 2.520 2.025		6.000   2.520   2.073   2.080   2.520   2.520   2.025	86,220 4,464,010 4,550,290 38,100 4,305,880 4,343,980
Aug-95 Honth Sep-95	EMERGNCY TECO UPS PURC	ALB	1,000 3,421,000 215,315,000 218,737,000 0 1,512,000 212,659,000			1,000   3,421,000   215,315,000   218,737,000   0   1,512,000   212,659,000	4.200 2.520 2.073 2.080 0.000 2.520 2.025		6.000   2.520   2.073   2.080   2.520   2.520   2.025	86,220 4,464,010 4,550,290 38,100 4,305,880

COMPANY: FPC

#### ENERGY PAYMENT TO QUALIFYING FACILITIES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(	8)	(9)
MONTH	PURCHASED FROM	TYPE & SCHED	TOTAL KUH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	(A)     ENERGY     COST	(B) TOTAL COST	TOTAL \$ FOR FUEL ADJ. (7) * (8)(A)
A; r-95	GUALIFYING   FACILITIES	COGEN	747,144,000	0	0	747,144,000	1.955	3.960	14.607,040
Month			747,144,000	0	0	747,144,000	1.955 [	3.960	14,607,840
May-95	GUALIFYING     FACILITIES	COGEN	732,041,000	0	0	732,041,000	2.015   	4.059	14,735,780
Month	l		732,041,000	0	0	732,041,000	2.013	4.059	14,735,780
Jun-95	QUALIFYING     FACILITIES		723,070,000	0	0	723,070,000	2.138	4.209	15,458,040
Month			723,070,000	0	0	723,070,000	2.138	4.209	15,458,040
Jul -95	QUALIFYING     FACILITIES	COGEN	765,075,000	0	0	765,075,000	2.221	4.455	16,993,540
Month		 	765,075,000	0	1 0	765,075,000	7.221	4.455	16,993,540
Aug-95	QUALIFYING     FACILITIES	COGEN	715,075,000	0	0	715,075,000	2.224	4.614	15,903,110
Month	 I	·······	715,075,000	0	1 0	715,075,000	1 2.224 1	4.614	15,903,110
Sep-95	QUALIFYING   FACILITIES	COGEN	675,038,000	0	0	675,038,000	2.195	4.727	14,818,300
Month			675,038,000	0	1 0	675,038,000	2.195	4.727	14,818,300
PER I OO	QUALIFYING   FACILITIES	COGEN	4,357,443,000	0	0	4,357,443,000	2.123	4.531	92,515,810
TOTAL		· · · · · · · · · · · · · · · · · · ·	4,357,443,000	0	0	4,357,443,000	2.123	4.331	92,515,810

#### ECONOMY ENERGY PURCHASES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(	5)	(9)
*****	!	TYPE	TOTAL	TRANSACTI	ON COST	TOTAL S FOR		T IF	FUEL
HONTH	PURCHASE	SCHED	KWH PURCHASED	ENERGY COST e/kWh	TOTAL COST ¢/kWh	FUEL ADJ. (4) * (5)	(A)   e/kWh	(8) \$	\$AVINGS (8)(8) - (7
	ECONPURC	c	180,000,000	2.195	2.195	3,951,000	3.854	6,937,200	2,986,200
Apr-95	OTHER SCHED E	Ē	3,930,000	2.438	2.438	95,813	2.438	95,813	0
Honth	! !		183,930,000	2.200	2.200	4,046,813	3.824	7,033,013	2,986,200
								*******	
May-95	ECONPURC OTHER SCHED E	C	140,000,000 3,930,000 0	2.261	2.261	3,165,400 92,984	3.854 2.366	5,395,600 92,984	2,230,200
Month	! !		143,930,000	2.264	2.264	3,258,384	3.813	5,488,584	2,230,200
					••••••				
Jun-95	ECONPURC OTHER SCHED E	E	150,000,000 3,930,000 0	2.598	2.598	3,897,000 92,355	3.854 2.350	5,781,000 92,355	1,884,000
Month	! !	! !	153,930,000	2.592	2.592	3,989,355	3.816	5,873,355	1,884,000
Jul-95	ECONPURC OTHER SCHED E	E	140,000,000 3,930,000 0	2.840	2.840	3,976,000 94,006	3.854	5,395,600 94,006	1,419,600
	<u> </u>		1/7 070 000	2.828	2,828	4,070,006	3.814 [	5,489,606	1,419,600
Month	!	.1	143,930,000	2.020	2.020				
Aug-95	ECONPURC   OTHER   SCHED E	C	90,000,000 3,930,000 0	2.987	2.987	2,688,300 94,281	3.854	3,468,600 94,281	780,300
	<u> </u>	1		l					
Month	!	1 1	93,930,000	2.962	2.962	2,782,581	3.793	3,562,881	780,300
	ECONPURC OTHER	°	70,000,000	3.043	3.043	2,130,100 94,713	3.854   2.410	2,697,800 94,713	567,700
Sep-95	SCHED E	E	0						
Month	l	1 1	73,930,000	3.009	3.009	2,224,813	3.777	2,792,513	567,700
PER100	ECONPURC OTHER SCHED E	C	770,000,000 23,580,000 0	2.572	2.572	19,807,800   564,152	3.854   2.393	29,675,800 564,152	9,868,000
TOTAL	1		793,500,000	1 2.567	2.567	20,371,952	3,811	30,239,952	9,868,000

RESIDENTIAL SILL COMPARISON

FOR MONTHLY USAGE OF 1000 KLM

For the Period of: April 1995 through September 1995

- N M 4	1. BASE RATE REVENAES 2. FLEL RECOVERY FACTOR 3. FLEL COST RECOVERY REVENAES 4. CAPACITY COST RECOVERY REVENUES	(6/18kh) (6/18kh)	2.057 \$20.61 \$20.61	140.05 2.057 \$20.61 \$9.22	349.05 2.057 \$20.61 \$9.22	2.057 2.057 \$20.61 \$9.22	2.057 2.057 \$20.61	2.057 2.057 \$20.61	PERIOD AVERAGE \$49.05 2.057 \$20.61 \$90.22	8 6 5 8	811.1 * 811.1
5. ENERGY CONSERVATION COST REVENUES (\$)	ON COST REVENU	ES (S)	12.21	18.31	15.31	15.21	15.53	12.31	23	5	
6. GROSS RECEIPTS TAXES	S TAXES	£	22.11	11.58	11.24	11.73	11.58	11.24	3	=	.11 \$2.09
7. TOTAL REVENUES	S. C.	9	184.30	\$84.30	\$84.30	25.38	28, 38	\$84.30	: 22	\$84.30	4.30 \$83.56

Actual Residential Billing for Narch 1995.

		PERIO	00		% Differe	nce from Pr	rior Period
	Apr-92 thru Sep-92	Apr-93 thru Sep-93	Apr-94 thru Sep-94	Projected Apr-95 thru Sep-95	Actual 1993 vs 1992	Actual 1994 95 1993	Projected 1995 Vs 1994
FUEL COST OF SYSTEM NET GEN 1 HEAVY OIL 2 LIGHT OIL 3 COAL 4 GAS 5 NUCLEAR 6 OTHER 7 TOTAL (\$)	ERATION (DOLLAR: 101,676,502 15,379,783 138,380,682 1,266,902 8,950,426 1,752,101 267,406,396	82,892,015 14,622,113 143,407,728 2,178,728 144,42,691 1,338,386 258,881,449	73,919,242 15,476,149 143,856,634 6,137,955 9,933,654 1,715,769 251,039,403	37,851,716 7,915,076 137,746,164 3,674,044 12,574,798 1,929,111 201,690,909	-18.5 -4.9 3.6 72.0 61.4 -23.6 -3.2	10.8 5.8 0.3 181.7 -31.2 28.2 -3.0	48.8 48.9 4.2 40.1 26.6 12.4 19.7
SY!TEM NET GENERATION (MWH) 8 EAVY OIL 9 LIGHT OIL 10 COAL 11 GAS 12 NUCLEAR 13 OTHER 14 TOTAL (MWH)	4,198,079 217,335 7,480,816 45,461 1,658,680 0 13,600,371	3,406,317 222,080 7,643,970 50,990 2,717,239 0 14,040,596	3,145,455 280,477 7,770,644 180,064 2,119,873 0 13,496,513	1,596,534 168,596 7,546,592 151,887 3,153,635 0 12,617,244	-18.9 2.2 2.2 12.2 63.8 0.0 3.2	7.7 26.3 1.7 253.1 -22.0 0.0 -3.9	39.9 -2.9 -15.6 48.8 0.0 -6.5
UNITS OF FUEL BURNED  15 MEAVY OIL (BBL)  16 LIGHT OIL (BBL)  17 COAL (TONS)  18 GAS (MCF)  19 NUCLEAR (MMBTU)  20 OTHER	6,764,687 526,271 2,859,858 506,310 17,541,682 67,695	5,577,477 533,066 2,938,740 605,947 28,776,204 72,847	5,081,711 741,129 2,960,642 2,423,789 21,786,097 83,800	2,431,001 311,345 2,853,270 1,578,411 33,091,571 77,586	-17.6 1.3 2.8 19.7 64.0 7.6	-8.9 39.0 0.7 300.0 -24.3 15.0	-52.2 -58.0 -3.6 -34.9 -51.9
BTU'S BURNED (MILLION BTU) 21 HEAVY OIL 22 LIGHT OIL 23 COAL 24 GAS 25 NUCLEAR 26 OTHER 27 TOTAL (MBTU)	43,193,885 3,097,869 71,634,992 518,493 17,541,682 392,633 136,379,554	35,574,521 3,129,748 73,516,681 622,233 28,776,204 427,701 142,047,088	32,420,168 3,893,062 74,015,439 2,497,645 21,786,097 440,192 135,052,603	15,558,405 1,805,801 71,899,010 1,578,411 33,091,571 450,000 124,383,199	-17.6 1.0 2.6 20.0 64.0 8.9 4.2	-8.9 24.4 0.7 301.4 -24.3 2.9 -4.9	52.0 53.6 2.9 36.8 51.9 2.2
GENERATION MIX (% MWH) 28 HEAVY OIL 29 LIGHT OIL 30 COAL 31 GAS 32 HUCLEAR 33 OTHER 34 TOTAL (%)	30.87 1.60 55.00 0.33 12.20 0.00 100.00	24.26 1.58 54.44 0.36 19.35 0.00 100.00	23.31 2.08 57.58 1.33 15.71 0.00 100.00	12.65 1.34 59.81 1.20 24.99 0.00 100.00	-21.4 -1.0 -1.0 8.6 58.7 0.0	-3.9 31.4 5.8 267.4 18.8 0.0	-45.7 -35.7 -3.9 -9.8 59 1 0.0
FUEL COST (\$/UNIT) 35 HEAVY OIL 36 LIGHT OIL 37 COAL 38 GAS 39 NUCLEAR 40 OTHER	15.03 29.22 48.39 2.50 0.51 25.88	14.86 27.43 48.80 3.60 0.50 18.37	14.55 20.88 48.59 2.53 0.46 20.47	15.57 25.42 48.28 2.33 0.38 24.86	-1.1 -6.1 0.9 43.7 -1.6 -29.0	-2.1 -23.9 -0.4 -29.6 -9.2 11.4	7.0 21.7 -0.6 -8.1 -16.7 21.4
FUEL COST PER MILLION BTU ( 41 HEAVY OIL 42 LIGHT OIL 43 COAL 44 GAS 45 NUCLEAR 46 OTHER 47 SYSTEM (\$/MBTU)	2.35 4.96 1.93 2.44 0.51 4.46 1.96	4.67 1.95 3.50 0.50 3.13	1.94 2.46 0.46 3.90	4.38	-1.6 -29.9 -7.1	-2.1 -14.9 -0.4 -29.8 -9.2 24.6 2.0	16.7 10.0 12.8
BTU BURNED PER KWH (BTU/KWH 48 HEAVY OIL 49 LIGHT OIL 50 COAL 51 GAS 52 NUCLEAR 53 OTHER 54 SYSTEM (BTU/KWH)	10,289 14,254 9,576 11,405 10,576 0	10,444 14,093 9,618 12,203 10,590	10,307 13,880 9,525 13,871 10,277 0	9,745 10,711 9,527 10,392 10,493 0 9,858	1.5 -1.1 0.4 7.0 0.1 0.0 0.9	-1.3 -1.5 -1.0 13.7 -3.0 0.0	5.5 22.8 0.0 25.1 2.1 0.0 1.5
GENERATION FUEL COST PER KV 55 HEAVY OIL 56 LIGHT OIL 57 COAL 58 GAS 59 NUCLEAR 60 OTHER 61 SYSTEM (CENTS/KWH)		I	1	2.37 4.69 1.83 2.42 0.40 0.00 1.60	1	-3.4 -16.2 -1.3 -20.2 -11.8 -0.0	0.9