ORIGINAL

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

Florida Power

A Progress Energy Company

DOCKET NO. 000824-EI

MINIMUM FILING REQUIREMENTS

SECTION E – RATE SCHEDULES

PROJECTED TEST YEAR 2002

Florida Power Corporation
Docket No. 000824-EI
Minimum Filing Requirements
Section E - Rate Schedules
Projected Test Year 2002

ORIGINAL

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SCHEDULE E-1 *COST OF SERVICE STUDIES* Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide under separate cover at a minimum a cost of service study that allocates production plant on the average of the twelve monthly coincident peaks and 1/13 weighted average demand*(12 CP and 1/13th AD) method. If a cost* study based on a methodology other than the 12 CP and 1/13th was approved in the Company's last rate case, provide that cost study as well. All studies filed should be at both present and proposed rates. In any cost of service study filed, the average of 12 monthly peaks method should be used for the jurisdictional separation of the production and transmission plant and expenses unless the FERC has approved another method in the utility's latest wholesale rate case. The minimum distribution system concept should not be used. The jurisdictional rate base and net operating income in the studies must equal the fully adjusted rate base in Schedule — and the fully adjusted net operating income in Schedule B-7 and C-9. The cost of service analysis should be done separately for each rate class.

Costs and revenues for fuel, energy conservation, oil backout, franchise fees, and other items not recovered through base rates must be excluded from the cost of service study. Costs for service charges should be allocated consistently with the allocation of the collection of the revenues from these charges. Any other miscellaneous revenue should be allocated consistently with the allocation of the expense associated with the facilities used or services purchased.

If a historic test year is used, the twelve monthly peaks should be the hour of each month having the highest FIRM load, (i.e., exclude the load of non-firm customers in determining the peak hours).

Type of Data Shown:
___ Historical Test Year Ended __/__/__
_X__Projected Test Year Ended 12/31/02
____Prior Year Ended __/__/___
Witness: Slusser

Jurisdictional Separation information is provided in separate volume entitled "Jurisdictional Separation Study"

Allocated Class Cost of Service information is provided in separate volume entitled:
"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

Additional Studies are also provided employing the production capacity allocation methodologies of:
a) 12CP and 25% Average Demand (in separate volume so titled)
b) 12CP and 50% Average Demand *(in separate volume so titled)*

Supporting Schedules: Recap Schedules:

SCHEDULE E-2 EXPLANATION OF VARIATIONS FROM COST OF SERVICE STUDY APPROVED IN COMPANY'S LAST RATE CASE Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Explain the differences between the cost of service study approved in the Company's last rate case and that same study filed as part of Schedule E-1 in this rate case(e.g., classification of plant, allocation factor used for certain plant or expenses, etc.)

Type of Data Shown:
___ Historical Test Year Ended __/__/__
_X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

The following items reflect the significant differences of the preparation in the Cost of Service Studies in this proceeding as compared to the studies last approved in Docket No. 910890-EI, the Company's last approved full rate proceeding.

1) A PC based Cost Model has been utilized in this proceeding. The model is titled "ECOS" and was obtained from the FERC staff, who utilizes the model exclusively in their electric cost of service work. The model is limited as to the number of line items available for the allocation process. It is necessary to support the model input with detailed schedules to separately classify each FERC account into functional groupings for allocation in the model.

2) For purposes of allocating transmission capacity cost in the class cost of service studies, the Company employed a 12 CP methodology rather than the 12 CP and 1/13th AD method used in the last approved study. Since it appears that transmission cost responsibility for Florida users may be assessed on a 12 CP basis in the event a Regional Transmission Organization provides this service, the Company believes the 12 CP method is the appropriate method to be employed in this proceeding.

3) Due to its minor impact, the cost of capacitors and power factor clause revenues have not been separately allocated.

4) General Plant Accounts have been fully allocated on a labor basis as opposed to a portion being allocated on a Gross Plant basis.

5) With respect to income taxes, no attempt was made to functionally detail the numerous items giving rise to additional income and deferred taxes as was done in the last approved cost of service study. Instead, a Gross Plant allocator was applied to the net of these items.

6) A more specific assignment was made in the current study of production energy related O&M expenses to stratified Wholesale customers. In the last approved cost of service study, an attempt to assign energy related O&M costs was made through stratified energy allocators.

Supporting Schedules:

Recap Schedules:

SCHEDULE E-3a

COST OF SERVICE STUDY - RATES OF RETURN BY RATE SCHEDULE (PRESENT RATES)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: For each allocation method used for production and transmission costs, show the revenue, expense, and rate of return data indicated below for each rate schedule for the test year.

Type of Data Shown:
___ Historical Test Year Ended __/__/__
_X__Projected Test Year Ended 12/31/02
____Prior Year Ended ___/__/___
Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-5a | COST OF SERVICE STUDY - ALLOCATION OF RATE BASE COMPONENTS TO RATE SCHEDULE | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

Explanation: For each cost of service study filed, provide the allocation of rate base components to rate schedules.

Type of Data Shown:
___ Historical Test Year Ended __/__/__
_X__Projected Test Year Ended 12/31/02
____Prior Year Ended __/__/___
Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-5b | COST OF SERVICE STUDY - ALLOCATION OF EXPENSE COMPONENTS TO RATE SCHEDULE | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

Explanation: For each cost of service study filed, provide the allocation of expense components to rate schedules.

Type of Data Shown:
___ Historical Test Year Ended __/__/__
_X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-6a	COST OF SERVICE STUDY - FUNCTIONALIZATION AND CLASSIFICATION OF RATE BASE	Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: FLORIDA POWER CORPORATION DOCKET NO.: 000824-EI	EXPLANATION: Functionalize and classify test year Rate Base by primary account (EPIS, Accumulated Depreciation, and any other Rate Base items). The balances in the B Schedules and those used in the cost of service study must be equal.	Type of Data Shown: ___ Historical Test Year Ended __/__/__ _X__Projected Test Year Ended 12/31/02 ___Prior Year Ended __/__/__ Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-6b	COST OF SERVICE STUDY - FUNCTIONALIZATION AND CLASSIFICATION OF EXPENSES	Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: FLORIDA POWER CORPORATION DOCKET NO.: 000824-EI	EXPLANATION: Functionalize and classify test year operating expenses by primary account (depreciation expense,operation and maintenance expense, and any other expense items). The balances in the C Schedules and those used in the cost of service study must be equal.	Type of Data Shown: ___ Historical Test Year Ended __/__/__ _X__Projected Test Year Ended 12/31/02 ____Prior Year Ended __/__/__ Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-7 | SOURCE AND AMOUNT OF REVENUES - AT PRESENT AND PROPOSED RATES | *Page 1 of 1*

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide a schedule by rate class which identifies the source and amount of all revenue included in the Cost of Service Study. The base rate revenue from retail sales of electricity must equal that shown on MFR Schedule E-16a. The revenue from service charges must equal that shown on *MFR Schedule E-16b. The total* revenue for the retail system must equal that shown on MFR Schedule C-9.

Type of Data Shown:
___ Historical Test Year Ended __/__/__
_X__Projected Test Year Ended 12/31/02
____Prior Year Ended __/__/___
Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-8a

COST OF SERVICE STUDY - UNIT COSTS, PRESENT RATES

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: For each cost of service study filed by the company, calculate the unit costs for demand, energy and customer for each rate schedule at present rates, based on the revenue requirements from sales of electricity only. The demand unit costs must be separated into production, transmission and distribution. Unit costs must be provided separately for each existing rate class, except for the lighting classes. If the company is proposing to combine two or more classes, it must also provide unit costs for the classes combined. Customer unit costs for the classes must include only customer-related costs excluding costs for fixtures and poles (i.e., exclude cost for fixtures and poles). The lighting facilities must be shown on a separate line. The unit costs must include no fuel, conservation, oil backout or related expenses. Billing units must match Schedules E-15, E-18a, E-18b, and E-18c.

Type of Data Shown:

___ Historical Test Year Ended __/__/__

_X__Projected Test Year Ended 12/31/02

____Prior Year Ended __/__/__

Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-9 DETAILED BREAKDOWN OF CUSTOMER UNIT COSTS Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: For each rate schedule, provide a breakdown of the unit costs at total retail proposed rate of return for the customer component by cost category. If costs for a particular category are from several primary accounts, provide numbers and data for each primary account number. If more than one cost of service study is filed and if the treatment of customer costs is different between the studies, then these schedules must be completed for each study.

Type of Data Shown:
___ Historical Test Year Ended __/__/__
_X_ Projected Test Year Ended 12/31/02
___ Prior Year Ended __/__/__
Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"*Allocated Class Cost of Service and Rate of Return Study,*
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"*Allocated Class Cost of Service and Rate of Return Study,*
Production Capacity Allocation Method: 12CP and 50% Average Demand"

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Supporting Schedules:

Recap Schedules:

SCHEDULE E-10 DEVELOPMENT OF SERVICE CHARGES

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-16b. At a minimum, this documentation should include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service. Also provide a short narrative on the tasks involved in performing the service.

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X_Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Service Charge : Initial Establishment of Service

Line	Task Decription		Units	Rate	Subtotal Costs	Total Costs
1	Administrative Labor	Hours	0.05	$ 32.21	$ 1.61	
2	Clerical Labor					
3	Customer Accounting	Hours	0.50	$ 13.94	6.97	
4	Field Labor	Hours	1.00	$ 25.15	25.15	
5	Subtotal Labor before Loading					$ 33.73
6	Payroll Loading @ 55.264% (Lines 5 * 55.264%)			55.264%		18.64
7	Total Labor					52.37
8	Transportation	Hours	1.25	$ 2.42	3.03	
9	Materials	Less Salvage			None	
10	Total Charges before Overhead					55.40
11	Overhead @ 15% (Line 10 * 15%)			15.00%		8.31
12	Total Cost of Providing Service					$ 63.71

Supporting Schedules:

Recap Schedules:

Service Charge:
Connecting Initial Establishment of Service at a Location (New Service):

At the customer's request for initial establishment of new service, an order is created by a Customer Service Representative to have power connected. All essential information needed for completion of the order is relayed to the Customer Service Representative from the customer, and input into the customer information system. When Florida Power receives proper notification that the customer's obligation of obtaining inspection is complete and that the customer's premise is ready for power, the order is routed to field personnel. The field personnel go to the location, connect the service, and set a meter. The order is returned to the department for verification and input into the customer information system, or completed through the Field Order Dispatch System.

Line # - Derivation

1 - 0.05 hours administrative labor. Average time indicated by poll of New Construction.

$32.21 hourly pay obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. (Based on Supervisor, New Construction payroll)

3 - 0.50 hours for clerical labor. Time provided by polled average in Department.

$13.94 hourly pay for New Construction/Customer Service clerical labor obtained form 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation (Based on clerical classifications New Construction and Customer Service Centers).

4 - 1.00 field labor for one trip only (reconnect). Amount of time to make connections and travel to job site
$25.15 hourly rate pay for serviceman. Obtain from 2001 Bargaining Unit handbook (Serviceman).

6 - 55.264% - payroll loading figure provided by the Payroll Department.

8 - 0.25 hours to travel to job site (one trip). This time is used for charging vehicle, which is charged by the hour. Amount of time provided by phone survey.

$2.42 hour rate of operating a serviceman's vehicle, provided by Fleet Services.

11 - 15.00% for overhead and contingencies as percent of total customer related cost of service.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-16b. At a minimum, this documentation should include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service. Also provide a short narrative on the tasks involved in performing the service.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Service Charge : Re-establishment of Service to Inactive Account

Line	Task Decription		Units	Rate	Subtotal Costs	Total Costs
1	Administrative Labor	Hours	0.02	$ 32.21	$ 0.64	
2	Clerical Labor					
3	Customer Accounting	Hours	0.07	$ 13.94	0.98	
4	Field Labor	Hours	0.67	$ 20.15	13.50	
5	Subtotal Labor before Loading					$ 15.12
6	Payroll Loading @ 55.264% (Lines 5 * 55.264%)			55.264%		8.36
7	Total Labor					23.48
8	Transportation	Miles	2.7	$ 0.36	0.97	
9	Materials	Less Salvage			None	
10	Total Charges before Overhead					24.45
11	Overhead @ 15% (Line 10 * 15%)			15.00%		3.67
12	Total Cost of Providing Service					$ 28.12

Supporting Schedules:

Recap Schedules:

Service Charge
Re-establishment of Inactive Service (Reconnect):

At the customer's request for service at a location previously disconnected, an order is created by a Customer Service Representative to have power connected. All essential information needed for completion of the order is relayed to the Customer Service Representative from the customer, and input into the customer information system. The order is entered into the Field Order Dispatch System or printed and routed to field personnel. The field personnel go to the location and connect the service. This requires pulling and resetting the meter in the base. The order is then returned to the department for verification and input into the customer information system, or completed through the Field Order Dispatch System.

Line # - Derivation

1- 0.02 hours administrative labor. Average time indicated by poll of Customer Service.

$32.21 hourly pay obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. (Based on Call Center manager, supervisor customer service)

3 - 0.07 hours for Customer Service clerical labor. Time provided by polled average in department.

$13.94 hourly pay for clerical labor obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. Based on clerical classifications in the customer service centers).

4 - 0.67 hours field labor for one trip to remove and reseal meter. Includes travel time.
$20.15 Hourly pay for R&D men. Obtained from 2001 Bargaining Unit handbook.

6 - 55.264% payroll loading factor provided by Payroll department.

8 - 2.7 miles average travel distance to provide service.

$0.36 cost per mile to operate pick up truck. Provided by Fleet Service Department.

11 - 15.00% for overhead and contingencies as percent of total customer related cost of service.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-16b. At a minimum, this documentation should include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service. Also provide a short narrative on the tasks involved in performing the service.

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X_Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Service Charge : Re-establishment of Service to Active Account

Line	Task Decription		Units	Rate	Subtotal Costs	Total Costs
1	Administrative Labor	Hours	0.02	$ 32.21	$ 0.64	
2	Clerical Labor					
3	Customer Accounting	Hours	0.07	$ 13.94	0.98	
					-	
4	Field Labor	Hours	0	$ -	-	
5	*Subtotal Labor before Loading*					$ 1.62
6	Payroll Loading @ 55.264% (Lines 5 * 55.264%)			55.264%		0.90
7	*Total Labor*					2.52
8	Transportation	Miles	2.7	$ 0.36	0.97	
9	Materials	Less Salvage			None	
10	Total Charges before Overhead					3.49
11	Overhead @ 15% (Line 10 * 15%)			15.00%		0.52
12	Total Cost of Providing Service					$ 4.01

Supporting Schedules:

Recap Schedules:

Service Charge:
Re-establishment of Active Service(Read Only/Transfer):

At the customer's request for service at a location not previously disconnected, an order is created by the Customer Service Representative to have power transferred to the new customer. All essential information needed for completion of the order is relayed to the Customer Service Representative from the customer, and input into the customer information system. The order is entered into the Field Order Dispatch System or printed and routed to field personnel. The field personnel go to the location and read the meter. The order is returned to the department for verification and input into the customer information system, or completed through the Field Order Dispatch System.

No field labor is included in this service charge. The field labor for a disconnect is avoided by a read only change of account. Final disconnects are provided to customers at no cost. Therefore, the trip to establish service to a customer where service is already active is not charged. Only related office expenses are charged.

Line # - Derivation

1 - 0.02 hours administrative labor. Average time indicated by poll of Customer Service.

$32.21 hourly pay obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. (Based on call center manager, supervisor customer service)

3 - 0.07 hours for customer service clerical labor. Time provided by polled average in department.

$13.94 hourly pay for clerical labor obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. Based on clerical classifications in the customer service centers).

6 - 55.264% payroll loading factor provided by Payroll department.

11 - 15.00% for overhead and contingencies as percent of total customer related cost of service.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-16b. At a minimum, this documentation should include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service. Also provide a short narrative on the tasks involved in performing the service.

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X_Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Service Charge : Re-establishment of Service after Disconnect for Non-Payment.

Line	Task Decription		Units	Rate	Subtotal Costs	Total Costs
1	Administrative Labor	Hours	0.02	$ 32.21	$ 0.64	
2	Clerical Labor					
3	Customer Accounting	Hours	0.08	$ 13.94	1.12	
4	Field Labor	Hours	2.00	$ 17.71	35.42	
5	*Subtotal Labor before Loading*					$ 37.18
6	Payroll Loading @ 55.264% (Lines 5 * 55.264%)			55.264%		20.55
7	*Total Labor*					57.73
8	Transportation	Miles	8.5	$ 0.36	3.06	
9	*Materials*	Less Salvage			None	
10	Total Charges before Overhead					60.79
11	Overhead @ 15% (Line 10 * 15%)			15.00%		9.12
12	Total Cost of Providing Service					$ 69.90

Supporting Schedules:

Recap Schedules:

Service Charge:
Reconnect Service After Disconnection for Non-Payment (CONP):

Two trips to the customer service location are necessitated by a disconnection of service for non-payment of a delinquent balance. Customer Accounting Operations clerical personnel review delinquencies and determine collection action. If disconnection is deemed essential, an order is issued to field personnel. The field personnel are dispatched to the service location to disconnect service. When the customer contacts the Company and makes required payment and/or arrangements, a second order dispatches field personnel to restore service at the customer location. Orders are returned to the department for processing into the customer information system, or completed through the Field Order Dispatch System.

Line # - Derivation

1 - 0.02 hours administrative labor. Average time indicated by poll by Customer Accounting Operations and Call Center.

$32.21 hourly pay obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. (Based on supervisor Customer Accounting Operations and Call Center)

3 - 0.08 hours for Customer Accounting Operations and customer service clerical labor. Amount of time provided by average time from Customer Accounting Operations and customer service.

$13.94 hourly pay for district clerical labor obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. (Based on clerical classifications in Customer Accounting Operations and customer service centers).

4 - 2.00 hours for field labor. Based on two field trips to pull and reseal meter, including travel time.

$17.71 hourly pay for meter reader/collector. Based on 2001 Bargaining Unit handbook for Meter Reader/Collectors.

6 - 55.264% payroll loading factor provided by Payroll department.

8 - 8.5 miles to travel twice to customer location.

$0.36 cost per mile for pick up truck. Provided by Fleet Services.

11 - 15.00% for overhead and contingencies as percent of total customer related cost of service.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-16b. At a minimum, this documentation should include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service. Also provide a short narrative on the tasks involved in performing the service.

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X_Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Service Charge : Temporary Service

Line	Task Decription		Units	Rate	Subtotal Costs	Total Costs
1	Administrative Labor	Hours	0.05	$ 32.21	$ 1.61	
2	Clerical Labor					
3	Customer Accounting	Hours	0.50	$ 13.94	6.97	
4	Field Labor	Hours	1.50	$ 25.15	37.73	
5	Subtotal Labor before Loading					$ 46.31
6	Payroll Loading @ 55.264% (Lines 5 * 55.264%)			55.264%		25.59
7	Total Labor					71.90
8	Transportation	Hours	1.75	$ 2.42	4.24	
9	Materials	Less Salvage			17.65	
10	Total Charges before Overhead					93.78
11	Overhead @ 15% (Line 10 * 15%)			15.00%		14.07
12	Total Cost of Providing Service					$ 107.85

Supporting Schedules:

Recap Schedules:

Service Charge:
Temporary Service

At the customer's request an order is taken by a Customer Service Representative to establish temporary service. All essential information needed for completion of the order is relayed to the Customer Service Representative from the customer, and input in to the customer information system. The order is routed to field personnel who go to the location and connect the service and set a meter. The order is returned to the department for verification and input into the customer information system, or completed through the Field Order Dispatch System. When Florida Power receives notification that the customer's location no longer requires temporary service, a second field trip is ordered to remove the meter and delete the service. The deletion order is returned to the department for input into the customer information system, or completed through the Field Order Dispatch System.

Line # - Derivation

1- 0.05 hours administrative labor. Average time indicated by poll of New Construction

$32.21 hourly pay obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation. (Based on Supervisor, New Construction)

3 - 0.50 hours for clerical labor. Amount of time provided by polled average in department.

$13.94 hourly pay for clerical labor obtained from 2000 Activity Management Payroll Reports (AMS) and adjusted for inflation (Based on clerical in New Construction)

4 - 1.50 hours for field labor. Amount of field labor time to install and remove service and travel to job site.

$25.15 hourly rate pay of serviceman. Obtained from 12001 Bargaining Unit handbook (Serviceman).

6 - 55.264% payroll loading factor provided by Payroll department.

8 - 0.25 hours to travel to job site (one trip). Used to calculate vehicle cost, which is charged by hour. Amount of time provided by phone survey.

$2.42 hourly rate of operating a serviceman's vehicle, provided by fleet services.

9 - $17.65 Materials. Cost of service drop and connections, which are generally not reusable.

11 - 15.00% for overhead and contingencies as percent of total customer related cost of service.

SCHEDULE E-12 COST OF SERVICE - LOAD DATA Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide the load data below by rate schedule. Any other load data used to develop demand allocation factors for cost of service studies submitted in this proceeding should also be provided. Average number of customers and annual MWH should be in agreement with the company's forecast in Schedules E-19a and E-19c, respectively.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Line No.	Rate Class	(A) Annual MWH Sales	(B) Annual MWH Unbilled	(C) Total (A) + (B)	(D) Output to Line MWH *	(E) Class NCP MW*	(F) CP Winter MW*	(G) CP Summer MW*	(H) Average 12 CP MW*	(I) Avg Demand MW* (D) / 8760	(J) 12 CP & 1/13 Weighted Avg. Demand*	(K) Average Number of Customers
1	Retail											
2	RS-1	18,636,202	26,882	18,663,084	19,817,189	6,043	5,907	4,537	4,372	2,262	4,209	1,293,722
3	GS-1	1,173,367	1,693	1,175,060	1,247,407	341	273	202	202	142	197	104,831
4	GS-2	76,820	111	76,931	81,688	9	9	9	9	9	9	10,379
5	GSD , SS-1	14,337,411	20,681	14,358,092	15,166,746	2,658	1,968	2,405	2,108	1,731	2,079	47,529
6	CS, SS-3	183,248	264	183,512	189,617	46	18	25	18	22	19	8
7	IS, SS-2	2,431,609	3,508	2,435,117	2,512,264	313	289	263	289	287	289	148
8	LS	277,451	400	277,851	295,033	70	14	-	7	34	9	11,366
9												
10	Total Retail	37,116,108	53,539	37,169,647	39,309,944	9,480	8,478	7,441	7,005	4487	6811	1,467,983
11												
12	Controllable Resources	-	-	-	-	-	(1,375)	(661)	(463)	-	(427)	-
13												
14	Adjusted Retail	37,116,108	53,539	37,169,647	39,309,944	9,480	7,103	6,780	6,542	4,487	6,384	1,467,983
15												
16	Wholesale	2,737,124	(186,008)	2,551,116	2,583,191	1,396	1,396	953	899	295	853	17
17												
18	Total Class	39,853,232	(132,469)	39,720,763	41,893,135	10,876	8,499	7,733	7,441	4,782	7,236	1,468,000

* At Generation

Supporting Schedules:

Recap Schedules:

SCHEDULE E-13	COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: FLORIDA POWER CORPORATION DOCKET NO.: 000824-EI	EXPLANATION: Derive each allocation factor used in the cost of service study. Provide supporting data and any workpapers used in deriving these allocation factors, and a brief narrative description of the development of each allocation factor.	Type of Data Shown: ___Historical Test Year Ended __/__/__ _X_Projected Test Year Ended 12/31/02 ___Prior Year Ended __/__/__ Witness: Slusser

Information provided in each separate Cost of Service Study volume entitled:

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 1/13th Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 25% Average Demand"

"Allocated Class Cost of Service and Rate of Return Study,
Production Capacity Allocation Method: 12CP and 50% Average Demand"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-14	DEVELOPMENT OF COINCIDENT AND NONCOINCIDENT DEMANDS FOR COST STUDY	Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: FLORIDA POWER CORPORATION DOCKET NO.: 000824-EI	EXPLANATION: Provide a description of how coincident and noncoincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to generation level. Provide the workpapers for the actual calculations. If a methodology other than the application of ratios of class' coincident and noncoincident load to actual MWH sales is used to derive projected demands, please provide justification for the use of that methodology.	Type of Data Shown: ___Historical Test Year Ended __/__/__ __X__Projected Test Year Ended 12/31/02 ___Prior Year Ended __/__/__ Witness: Slusser

For purposes of preparing the Jurisdictional Separation Study, coincident monthly peak load information for individual Wholesale loads and the total Retail load is provided in Supplement No. 1 to Table III-A of the "Development of Input Allocation Factors" section contained in the "Jurisdictional Separation Study" volume. These monthly coincident to system peak loads were projected by the Company's Load Forecasting Department.

For purposes of preparing the Allocated Class Cost of Service and Rate of Return Studies, the Company relied on the most recent Load Research Study for the twelve month period ending March 2001. This information is provided in MFR Schedule E-20. From this load research data, load factors for each rate class were derived for application to each class's projected annual MWH sales to derive the coincident and non-coincident class demands for the test period. These calculations are incorporated in the "Development of Input Allocation Factors" section contained in the separate volumes entitled "Allocated Class Cost of Service and Rate of Return Study"

Supporting Schedules:

Recap Schedules:

SCHEDULE E-15 ADJUSTMENT TO TEST YEAR UNBILLED REVENUE Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide a schedule showing the calculation of the adjustment by rate class to the test year amount of unbilled revenue for the proposed rates. (Includes calculation of test year unbilled revenues at present rates.)

Type of Data Shown:
____Historical Test Year Ended __/__/__
_X_ Projected Test Year Ended 12/31/2002
____Prior Year Ended __/__/__
Witness: Slusser

DEVELOPMENT OF UNBILLED REVENUE @ PRESENT RATES AND SUMMARY OF TOTAL CLASS REVENUES

	Rate Schedule	(1) Base Revenue ($000)	(2) MWH Sales	(3) Base Revenue $/MWH (1) / (2)	(4) Unbilled MWH Sales	(5) Unbilled Revenue ($000) (3) * (4)	(6) Total Class Revenue ($000) (1) + (5)
I. SALES	RS-1	$ 885,712	18,636,202	$ 47.53	26,882	$ 1,278	$ 886,989
	GS-1	61,677	1,173,367	52.56	1,693	89	61,766
	GS-2	2,538	76,820	33.04	111	4	2,542
	GSD-1	359,040	14,331,221	25.05	20,672	518	359,558
	CS-1, CS-2	3,790	181,811	20.85	262	5	3,796
	IS-1, IS-2	39,239	2,215,039	17.71	3,196	57	39,295
	SS-1	431	6,190	69.57	9	1	431
	SS-2	5,033	216,570	23.24	312	7	5,040
	SS-3	317	1,437	220.77	2	0	318
	LS-1	5,275	277,451	19.01	400	8	5,283
	TOTAL SALES REVENUE	$ 1,363,052	37,116,108		53,539	$ 1,966	$ 1,365,018
II. OTHER							
	LS-1						
	FIXTURE	$ 15,778					$ 15,778
	MAINTENANCE	6,151					6,151
	POLES	10,299					10,299
	TOTAL OTHER REVENUE	$ 32,228					$ 32,228
III. TOTAL CLASS REVENUE		$ 1,395,280				$ 1,966	$ 1,397,246

Supporting Schedules: Recap Schedules:

SCHEDULE E-16a

REVENUE FROM SALE OF ELECTRICITY BY RATE SCHEDULE

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Compare jurisdictional revenue excluding service charges by rate schedule under present rates for the test year. Provide the calculation of the revenue from Base Rates, Fuel, ECCR, CCR.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE BY RATE SCHEDULE ($000)

	Present Rates (d)				
	(1)	(2)	(3)	(4)	(5)
Rate Schedule	Base	Fuel (a)	ECCR (b)	CCR (c)	Totals (1)+(2)+(3)+(4)
RS-1	$ 885,712	$ 537,653	$ 38,950	$ 206,489	$ 1,668,804
GS-1	61,677	33,804	1,936	9,785	107,202
GS-2	2,538	2,216	98	459	5,311
GSD-1	359,040	408,280	23,591	119,302	910,213
CS-1, CS-2	3,790	5,025	235	1,116	10,167
IS-1, IS-2	39,239	61,014	2,721	12,786	115,760
SS-1	431	162	10	51	653
SS-2	5,033	5,949	352	1,776	13,109
SS-3	317	40	2	12	372
LS-1	5,275	7,477	172	530	13,455
TOTAL	$ 1,363,052	$ 1,061,621	$ 68,066	$ 352,306	$ 2,845,045

NOTES:

(a) Fuel Revenue calculated by applying factor in effect as of September 1, 2001.
(b) ECCR Revenue calculated by applying factor in effect as of September 1, 2001.
(c) CCR Revenue calculated by applying factor in effect as of September 1, 2001.
(d) Revenues do not include amounts for Gross Receipts Tax, Right of Way utilitzation fees, Municipal Tax, or SalesTax.

Supporting Schedules: E-16c

Recap Schedules:

REVENUE BY RATE SCHEDULE - CALCULATIONS

SCHEDULE: E-16b

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide a schedule of revenues from service charges (initial connection, etc.) by rate schedule under present rates for the test year.
Service Charges (Account 451) & Equipment Rental (Account 454)

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATIONS FOR RATE SCHEDULE - SERVICE CHARGES

Description Of Service Charge	Number of Transactions	PRESENT REVENUE $/UNIT	PRESENT REVENUE $
Rate Schedule SC-1			
Initial Connection	49,635	30.50	1,513,868
Reconnection	148,557	15.00	2,228,355
Transfer Of Account	296,634	5.50	1,631,487
Reconnect After Disconnect For Non-Pay	107,762	27.00	2,909,574
Returned Check Charge	N/A		598,307
Late Payment Charge	N/A		7,561,893
Rate Schedule TS-1			
Temporary Service Extension	17,253	74.00	1,276,722
Equipment Rental		1.67%	6,720,346

Supporting Schedules:

Recap Schedules:

SCHEDULE E-16c

BASE REVENUE BY RATE SCHEDULE - CALCULATIONS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE RS-1

PRESENT REVENUE CALCULATIONS

Customer Charge:					
Standard					
Secondary Standard	15,378,039	Bills @	$ 8.85	= $	136,095,645
Secondary Seasonal	147,373	Bills @	$ 3.00	= $	442,119
Time-of-Use					
Company Owned: 1-Phase	435	Bills @	$ 16.35	= $	7,112
Company Owned: 3-Phase	47	Bills @	$ 22.35	= $	1,050
Customer Owned	171	Bills @	$ 8.85	= $	1,513
TOTAL	15,526,065	Bills		$	136,547,439
Energy & Demand Charge:					
Standard					
Secondary	18,635,047	MWH @	$ 40.20	= $	749,128,872
Time-of-Use					
Secondary					
On-Peak	264	MWH @	$ 114.94	= $	30,308
Off-Peak	892	MWH @	$ 5.80	= $	5,172
TOTAL	18,636,202	MWH		$	749,164,352
Adjustments					
n/a				$	-
Total RS-1 Base Revenue				$	885,711,791

PROPOSED REVENUE CALCULATIONS

Customer Charge:				
Standard				
Secondary Standard	15,378,039	Bills @	= $	-
Secondary Seasonal	147,373	Bills @	= $	-
Time-of-Use	-			
Company Owned: 1-Phase	435	Bills @	= $	-
Company Owned: 3-Phase	47	Bills @	= $	-
Customer Owned	171	Bills @	= $	-
TOTAL	15,526,065	Bills	$	-
Energy & Demand Charge:				
Standard				
Secondary	18,635,047	MWH @	= $	-
Time-of-Use				
Secondary				
On-Peak	264	MWH @	= $	-
Off-Peak	892	MWH @	= $	-
	18,636,202	MWH	$	-
Adjustments				
n/a			$	-
Total RS-1 Base Revenue			$	-

Increase/ (Decrease) - $

Increase/ (Decrease) - %

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule *(including standard and time of use customers)*.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE GS-1

PRESENT REVENUE CALCULATIONS								PROPOSED REVENUE CALCULATIONS							
Customer Charge:								**Customer Charge:**							
Standard								Standard							
Unmetered	6,890	Bills @	$	6.60	=	$	45,474	Unmetered	6,890	Bills @		=	$	-
Secondary	1,254,396	Bills @	$	11.70	=	$	14,676,433	Secondary	1,254,396	Bills @		=	$	-
Primary	405	Bills @	$	148.00	=	$	59,940	Primary	405	Bills @		=	$	-
Transmission	-	Bills @	$	730.00	=	$	-	Transmission	-	Bills @		=	$	-
Time-of-Use								Time-of-Use	-					
Company Owned: 1-Phase	313	Bills @	$	19.20	=	$	6,010	Company Owned: 1-Phase	313	Bills @		=	$	-
Company Owned: 3-Phase	1,198	Bills @	$	25.20	=	$	30,190	Company Owned: 3-Phase	1,198	Bills @		=	$	-
Customer Owned	99	Bills @	$	11.70	=	$	1,158	Customer Owned	99	Bills @		=	$	-
Primary	28	Bills @	$	155.50	=	$	4,354	Primary	28	Bills @		=	$	-
Transmission	14	Bills @	$	737.50	=	$	10,325	Transmission	14	Bills @		=	$	-
TOTAL	1,263,343	Bills				$	14,833,884	TOTAL	1,263,343	Bills			$	-
Energy & Demand Charge:								**Energy & Demand Charge:**							
Standard								Standard							
Secondary	1,149,081	MWH @	$	40.20	=	$	46,193,056	Secondary	1,149,081	MWH @		=	$	-
Primary	5,261	MWH @	$	40.20	=	$	211,492	Primary	5,261	MWH @		=	$	-
Transmission	-	MWH @	$	40.20	=	$	-	Transmission	-	MWH @		=	$	-
Time-of-Use								Time-of-Use						
Secondary								Secondary						
On-Peak	2,542	MWH @	$	114.94	=	$	292,177	On-Peak	2,542	MWH @		=	$	-
Off-Peak	11,876	MWH @	$	5.80	=	$	68,881	Off-Peak	11,876	MWH @		=	$	-
Primary								Primary						
On-Peak	420	MWH @	$	114.94	=	$	48,275	On-Peak	420	MWH @		=	$	-
Off-Peak	1,004	MWH @	$	5.80	=	$	5,823	Off-Peak	1,004	MWH @		=	$	-
Transmission								Transmission						
On-Peak	78	MWH @	$	114.94	=	$	8,965	On-Peak	78	MWH @		=	$	-
Off-Peak	3,105	MWH @	$	5.80	=	$	18,009	Off-Peak	3,105	MWH @		=	$	-
TOTAL	1,173,367	MWH				$	46,846,678	TOTAL	1,173,367	MWH			$	-
Adjustments								**Adjustments**						
Distribution Primary Metering	1%	OF	$	265,590	=	$	(2,656)	Distribution Primary Metering	1%	OF	$ -	=	$	-
Transmission Metering	2%	OF	$	26,974	=	$	(539)	Transmission Metering	2%	OF	$ -	=	$	-
TOTAL						$	(3,195)	TOTAL					$	-
Total GS-1 Base Revenue						$	61,677,367	**Total GS-1 Base Revenue**					$	-
								Increase/ (Decrease) - $						
								Increase/ (Decrease) - %						

SCHEDULE E-16c

BASE REVENUE BY RATE SCHEDULE - CALCULATIONS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE GS-2

PRESENT REVENUE CALCULATIONS

Customer Charge:						
Standard						
Unmetered	15,249	Bills @ $	6.60	=	$	100,643
Secondary	109,318	Bills @ $	11.70	=	$	1,279,021
TOTAL	124,567	Bills			$	1,379,664
Energy & Demand Charge:						
Standard						
Secondary	76,820	MWH @ $	15.08	=	$	1,158,446
Adjustments						
n/a					$	-
Total GS-2 Base Revenue					$	2,538,110

PROPOSED REVENUE CALCULATIONS

Customer Charge:				
Standard				
Unmetered	15,249	Bills @	=	$ -
Secondary	109,318	Bills @		$ -
TOTAL	124,567	Bills		$ -
Energy & Demand Charge:				
Standard				
Secondary	76,820	MWH @	=	$ -
Adjustments				
n/a				$ -
Total GS-2 Base Revenue				$ -
Increase/ (Decrease) - $				
Increase/ (Decrease) - %				

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE GSD-1

PRESENT REVENUE CALCULATIONS

Customer Charge:					
Standard					
Secondary	478,178	Bills @ $	11.70	= $	5,594,683
Primary	2,063	Bills @ $	148.00	= $	305,324
Transmission	-	Bills @ $	730.00	= $	-
Time-of-Use					
Secondary	91,011	Bills @ $	19.20	= $	1,747,411
Customer Owned	200	Bills @ $	11.70	= $	2,340
Primary	2,600	Bills @ $	155.50	= $	404,300
Customer Owned	50	Bills @ $	148.00	= $	7,400
Transmission	14	Bills @ $	737.50	= $	10,325
TOTAL	574,116	Bills		$	8,071,783
Demand Charge:					
Standard					
Secondary					
Billed	17,353,494	kW @ $	3.80	= $	65,943,277
Primary					
Billed	762,404	kW @ $	3.50	= $	2,668,414
Transmission					
Billed	-	kW @ $	3.11	= $	-
Time-of-Use					
Secondary					
On-Peak	12,966,859	kW @ $	2.83	= $	36,696,211
Base	13,268,766	kW @ $	0.94	= $	12,472,640
Primary					
On-Peak	4,560,076	kW @ $	2.83	= $	12,905,015
Base	4,689,602	kW @ $	0.64	= $	3,001,345
Transmission					
On-Peak	11,416	kW @ $	2.83	= $	32,307
Base	11,661	kW @ $	0.25	= $	2,915
Sec/Pri					
On-Peak	55,570	kW @ $	2.83	= $	157,263
Base	59,807	kW @ $	0.94	= $	56,219
Premium Distrib. Charge	23,397	kW @ $	0.81	= $	18,952
TOTAL Billed/Base	36,145,734	KW	TOTAL	$	133,954,558

PROPOSED REVENUE CALCULATIONS

Customer Charge:				
Standard				
Secondary	478,178	Bills @	= $	-
Primary	2,063	Bills @	= $	-
Transmission	-	Bills @	$	-
Time-of-Use				
Secondary	91,011	Bills @	= $	-
Customer Owned	200	Bills @	= $	-
Primary	2,600	Bills @	= $	-
Customer Owned	50		= $	-
Transmission	14	Bills @	= $	-
TOTAL		Bills	$	-
Demand Charge:				
Standard				
Secondary				
Billed	17,353,494	kW @	= $	-
Primary				
Billed	762,404	kW @	= $	-
Transmission				
Billed	-	kW @	= $	-
Time-of-Use				
Secondary				
On-Peak	12,966,859	kW @	= $	-
Base	13,268,766	kW @	= $	-
Primary				
On-Peak	4,560,076	kW @	= $	-
Base	4,689,602	kW @	= $	-
Transmission				
On-Peak	11,416	kW @	= $	-
Base	11,661	kW @	= $	-
Dual Voltage Sec/Pri				
On-Peak	55,570	kW @	= $	-
Base	59,807	kW @	= $	-
Premium Distrib. Charge	23,397	kW @	= $	-
TOTAL Billed/Base	36,145,734	KW	$	-

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE GSD-1

PRESENT REVENUE CALCULATIONS							PROPOSED REVENUE CALCULATIONS					
Energy Charge:							**Energy Charge:**					
Standard							Standard					
Secondary	5,150,025	MWH @	$ 16.56	=	$	85,284,407	Secondary	5,150,025	MWH @	=	$	-
Primary	235,562	MWH @	$ 16.56	=	$	3,900,911	Primary	235,562	MWH @	=	$	-
Transmission	-	MWH @	$ 16.56	=	$	-	Transmission	-	MWH @	=	$	-
Time-of-Use							Time-of-Use					
Secondary							Secondary					
On-Peak	1,803,841	MWH @	$ 36.54	=	$	65,912,356	On-Peak	1,803,841	MWH @	=	$	-
Off-Peak	4,628,914	MWH @	$ 5.80	=	$	26,847,699	Off-Peak	4,628,914	MWH @	=	$	-
Primary							Primary					
On-Peak	677,314	MWH @	$ 36.54	=	$	24,749,044	On-Peak	677,314	MWH @	=	$	-
Off-Peak	1,796,370	MWH @	$ 5.80	=	$	10,418,944	Off-Peak	1,796,370	MWH @	=	$	-
Transmission							Transmission					
On-Peak	1,746	MWH @	$ 36.54	=	$	63,796	On-Peak	1,746	MWH @	=	$	-
Off-Peak	5,119	MWH @	$ 5.80	=	$	29,689	Off-Peak	5,119	MWH @	=	$	-
Sec/Pri							Dual Voltage Sec/Pri					
On-Peak	7,820	MWH @	$ 36.54	=	$	285,744	On-Peak	7,820	MWH @	=	$	-
Base	24,511	MWH @	$ 5.80	=	$	142,165	Base	24,511	MWH @	=	$	-
TOTAL	14,331,221	MWH			$	217,634,755	TOTAL	14,331,221	MWH		$	-
Adjustments							**Adjustments**					
Distribution Primary Metering	1% OF		$ 58,285,064	=	$	(582,851)	Distribution Primary Metering	1% OF	$ -		$	-
Transmission Metering	2% OF		$ 128,707	=	$	(2,574)	Transmission Metering	2% OF	$ -		$	-
Power Factor					$	(35,981)	Power Factor					
TOTAL					$	(621,406)	TOTAL				$	-
Total GSD-1 Base Revenue					$	359,039,690	**Total GSD-1 Base Revenue**				$	-
							Increase/ (Decrease) - $					
							Increase/ (Decrease) - %					

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE CS1, CS-2

PRESENT REVENUE CALCULATIONS

Customer Charge:						
Standard						
Secondary	13	Bills @ $	76.70	=	$	997
Primary	-	Bills @ $	213.00	=	$	-
Transmission	-	Bills @ $	795.00	=	$	-
Time-of-Use						
Secondary	-	Bills @ $	76.70	=	$	-
Primary	71	Bills @ $	213.00	=	$	15,123
Transmission	-	Bills @ $	795.00	=	$	-
TOTAL	84	Bills			$	16,120
Demand Charge:						
Standard						
Secondary						
Billed	1,467	kW @ $	6.13	=	$	8,993
Primary						
Billed	-	kW @ $	5.83	=	$	-
Transmission						
Billed	-	kW @ $	5.44	=	$	-
Time-of-Use						
Secondary						
On-Peak	-	kW @ $	5.16	=	$	-
Base	-	kW @ $	0.91	=	$	-
Primary						
On-Peak	361,847	kW @ $	5.16	=	$	1,867,131
Base	369,414	kW @ $	0.61	=	$	225,343
Transmission						
On-Peak	-	kW @ $	5.16	=	$	-
Base	-	kW @ $	0.22	=	$	-
TOTAL Billed/Base	370,881	kW	TOTAL		$	2,101,467

PROPOSED REVENUE CALCULATIONS

Customer Charge:						
Standard						
Secondary	13	Bills @		=	$	-
Primary	-	Bills @			$	-
Transmission	-	Bills @		=	$	-
Time-of-Use	-					
Secondary	-	Bills @		=	$	-
Primary	71	Bills @		=	$	-
Transmission	-	Bills @		=	$	-
TOTAL	84	Bills			$	-
Demand Charge:						
Standard						
Secondary						
Billed	1,467	kW @		=	$	-
Primary						
Billed	-	kW @		=	$	-
Transmission						
Billed	-	kW @		=	$	-
Time-of-Use						
Secondary						
On-Peak	-	kW @		=	$	-
Base	-	kW @		=	$	-
Primary						
On-Peak	361,847	kW @		=	$	-
Base	369,414	kW @		=	$	-
Transmission						
On-Peak	-	kW @		=	$	-
Base	-	kW @		=	$	-
TOTAL Billed/Base	370,881	kW	TOTAL		$	-

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
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Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE CS1, CS-2

PRESENT REVENUE CALCULATIONS

Energy Charge:							
Standard							
Secondary	649	MWH @	$	10.82	=	$	7,017
Primary	-	MWH @	$	10.82	=	$	-
Transmission	-	MWH @	$	10.82	=	$	-
Time-of-Use							
Secondary							
On-Peak	-	MWH @	$	20.14	=	$	-
Off-Peak	-	MWH @	$	5.80	=	$	-
Primary							
On-Peak	45,248	MWH @	$	20.14	=	$	911,286
Off-Peak	135,915	MWH @	$	5.80	=	$	788,307
Transmission							
On-Peak	-	MWH @	$	20.14	=	$	-
Off-Peak	-	MWH @	$	5.80	=	$	-
TOTAL	181,811	MWH				$	1,706,610
Adjustments							
Distribution Primary Metering	1%	OF	$3,792,067		=	$	(37,921)
Transmission Metering	2%	OF	$ -		=	$	-
Power Factor						$	3,978
TOTAL						$	(33,943)
Total CS-1, CS-2 Base Revenue						$	3,790,254

PROPOSED REVENUE CALCULATIONS

Energy Charge:						
Standard						
Secondary	649	MWH @		=	$	-
Primary	-	MWH @		=	$	-
Transmission	-	MWH @		=	$	-
Time-of-Use						
Secondary						
On-Peak	-	MWH @		=	$	-
Off-Peak	-	MWH @		=	$	-
Primary						
On-Peak	45,248	MWH @		=	$	-
Off-Peak	135,915	MWH @		=	$	-
Transmission						
On-Peak	-	MWH @		=	$	-
Off-Peak	-	MWH @		=	$	-
TOTAL	181,811	MWH			$	-
Adjustments						
Distribution Primary Metering	1%	OF	$ -	=	$	-
Transmission Metering	2%	OF	$ -	=	$	-
Power Factor					$	-
TOTAL					$	-
Total CS-1, CS-2 Base Revenue					$	-

Increase/ (Decrease) - $
Increase/ (Decrease) - $

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
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___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE IS-1, IS-2

PRESENT REVENUE CALCULATIONS							PROPOSED REVENUE CALCULATIONS						
Customer Charge:							**Customer Charge:**						
Standard							Standard						
Secondary	320	Bills @	$	281.70	=	$ 90,144	Secondary	320	Bills @		=	$	-
Primary	516	Bills @	$	418.00	=	$ 215,688	Primary	516	Bills @			$	-
Transmission	12	Bills @	$	1,000.00	=	$ 12,000	Transmission	12	Bills @		=	$	-
Time-of-Use							Time-of-Use	-					
Secondary	174	Bills @	$	281.70	=	$ 49,016	Secondary	174	Bills @		=	$	-
Primary	610	Bills @	$	418.00	=	$ 254,980	Primary	610	Bills @		=	$	-
Transmission	91	Bills @	$	1,000.00	=	$ 91,000	Transmission	91	Bills @		=	$	-
TOTAL	1,723	Bills				$ 712,828	TOTAL	1,723	Bills			$	-
Demand Charge:							**Demand Charge:**						
Standard							Standard						
Secondary - Billed	117,486	kW @	$	5.18	=	$ 608,577	Secondary - Billed	117,486	kW @		=	$	-
Primary - Billed	718,274	kW @	$	4.88	=	$ 3,505,177	Primary - Billed	718,274	kW @		=	$	-
Transmission - Billed	-	kW @	$	4.49	=	$ -	Transmission - Billed	-	kW @		=	$	-
Billed Sec/Pri	6,043	kW @	$	5.18	=	$ 31,303	Billed Sec/Pri	6,043	kW @		=	$	-
Billed Pri/Transm	3,075	kW @	$	4.88	=	$ 15,006	Billed Pri/Transm	3,075	kW @		=	$	-
Time-of-Use							Time-of-Use						
Secondary							Secondary						
On-Peak	108,325	kW @	$	4.53	=	$ 490,712	On-Peak	108,325	kW @		=	$	-
Base	111,858	kW @	$	0.82	=	$ 91,724	Base	111,858	kW @		=	$	-
Primary							Primary						
On-Peak	2,690,782	kW @	$	4.53	=	$ 12,189,242	On-Peak	2,690,782	kW @		=	$	-
Base	3,043,384	kW @	$	0.52	=	$ 1,582,560	Base	3,043,384	kW @		=	$	-
Transmission							Transmission						
On-Peak	901,844	kW @	$	4.53	=	$ 4,085,353	On-Peak	901,844	kW @		=	$	-
Base	1,149,049	kW @	$	0.13	=	$ 149,376	Base	1,149,049	kW @		=	$	-
Sec/Pri							Sec/Pri						
On-Peak	4,822	kW @	$	4.53	=	$ 21,844	On-Peak	4,822	kW @		=	$	-
Base	4,875	kW @	$	0.82	=	$ 3,998	Base	4,875	kW @		=	$	-
Pri/Transm							Pri/Transm						
On-Peak	4,502	kW @	$	4.53	=	$ 20,394	On-Peak	4,502	kW @		=	$	-
Base	4,660	kW @	$	0.52	=	$ 2,423	Base	4,660	kW @		=	$	-
Transm/Pri							Transm/Pri						
On-Peak	206,448	kW @	$	4.53	=	$ 935,209	On-Peak	206,448	kW @		=	$	-
Base	231,165	kW @	$	0.13	=	$ 30,051	Base	231,165	kW @		=	$	-
TOTAL Billed/Base	5,389,869	kW		TOTAL		$ 23,762,949	TOTAL Billed/Base	5,154,093	kW	TOTAL		$	-

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
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___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE IS-1, IS-2

PRESENT REVENUE CALCULATIONS							PROPOSED REVENUE CALCULATIONS						
Energy Charge:							**Energy Charge:**						
Standard							Standard						
Secondary	38,174	MWH @	$ 7.16	=	$	273,326	Secondary	38,174	MWH @		=	$	-
Primary	210,912	MWH @	$ 7.16	=	$	1,510,127	Primary	210,912	MWH @		=	$	-
Transmission	-	MWH @	$ 7.16	=	$	-	Transmission	-	MWH @		=	$	-
Sec/Pri	1,723	MWH @	$ 7.16	=	$	12,339	Sec/Pri	1,723	MWH @		=	$	-
Pri/Transm	828	MWH @	$ 7.16	=	$	5,932	Pri/Transm	828	MWH @		=	$	-
Time-of-Use							*Time-of-Use*						
Secondary							Secondary						
On-Peak	15,371	MWH @	$ 10.16	=	$	156,170	On-Peak	15,371	MWH @		=	$	-
Off-Peak	39,176	MWH @	$ 5.80	=	$	227,224	Off-Peak	39,176	MWH @		=	$	-
Primary							Primary						
On-Peak	335,022	MWH @	$ 10.16	=	$	3,403,822	On-Peak	335,022	MWH @		=	$	-
Off-Peak	1,073,358	MWH @	$ 5.80	=	$	6,225,474	Off-Peak	1,073,358	MWH @		=	$	-
Transmission							Transmission						
On-Peak	104,845	MWH @	$ 10.16	=	$	1,065,228	On-Peak	104,845	MWH @		=	$	-
Off-Peak	342,807	MWH @	$ 5.80	=	$	1,988,283	Off-Peak	342,807	MWH @		=	$	-
Sec/Pri							Sec/Pri						
On-Peak	768	MWH @	$ 10.16	=	$	7,802	On-Peak	768	MWH @		=	$	-
Off-Peak	2,209	MWH @	$ 5.80	=	$	12,813	Off-Peak	2,209	MWH @		=	$	-
Pri/Transm							*Pri/Transm*						
On-Peak	235	MWH @	$ 10.16	=	$	2,389	On-Peak	235	MWH @		=	$	-
Off-Peak	627	MWH @	$ 5.80	=	$	3,634	Off-Peak	627	MWH @		=	$	-
Transm/Pri							Pri/Transm						
On-Peak	11,820	MWH @	$ 10.16	=	$	120,091	On-Peak	11,820	MWH @		=	$	-
Off-Peak	37,163	MWH @	$ 5.80	=	$	215,548	Off-Peak	37,163	MWH @		=	$	-
TOTAL	2,215,039	MWH				15,230,202	TOTAL	2,215,039	MWH				-
Adjustments							**Adjustments**						
Distribution Primary Metering	1% OF		$ 29,807,400	=	$	(298,074)	Distribution Primary Metering	1% OF		$ -	=	$	-
Transmission Metering	2% OF		$ 7,338,018	=	$	(146,760)	Transmission Metering	2% OF		$ -	=	$	-
Power Factor					$	(22,467)	Power Factor						
TOTAL					$	(467,301)	TOTAL					$	-
Total IS-1, IS-2 Base Revenue					$	39,238,678	**Total IS-1, IS-2 Base Revenue**					$	-
							Increase/ (Decrease) - $						
							Increase/ (Decrease) - %						

FLORIDA PUBLIC SERVICE COMMISSION

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DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
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Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE LS-1

PRESENT REVENUE CALCULATIONS						PROPOSED REVENUE CALCULATIONS				
Customer Charge:						**Customer Charge:**				
Standard						Standard				
Unmetered	701,767	Bills @	$ 1.20	=	$ 842,120	Unmetered	701,767	Bills @	=	$ -
Secondary	3,902	Bills @	$ 3.45	=	$ 13,462	Secondary	3,902	Bills @	=	$ -
TOTAL	705,669	Bills			$ 855,582	TOTAL	705,669	Bills		$ -
Energy & Demand Charge:						**Energy & Demand Charge:**				
Standard						Standard				
Secondary	277,451	MWH @	$ 15.93	=	$ 4,419,794	Secondary	277,451	MWH @	=	$ -
					$ 4,419,794					$ -
Adjustments						**Adjustments**				
n/a					$ -	n/a				$ -
Total LS-1 Base Revenue					$ 5,275,376	**Total LS-1 Base Revenue**				$ -

Increase/ (Decrease) - $
Increase/ (Decrease) - $

SCHEDULE E-16c

BASE REVENUE BY RATE SCHEDULE - CALCULATIONS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

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Type of Data Shown:
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Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE SS-1

PRESENT REVENUE CALCULATIONS							PROPOSED REVENUE CALCULATIONS						
Customer Charge:							**Customer Charge:**						
Primary (Cutomer Owned)	8	Bills @	$ 82.00	=	$	656	Primary (Cutomer Owned)	8	Bills @		=	$	-
Transmission	30	Bills @	$ 820.00	=	$	24,600	Transmission	30	Bills @		=	$	-
Transmission (Customer Owned)	82	Bills @	$ 82.00	=	$	6,724	Transmission (Customer Owned)	82	Bills @		=	$	-
Total	120	Bills			$	31,980	Total	120	Bills			$	-
Demand Charge:							**Demand Charge:**						
Distribution Charge							Distribution Charge						
Primary	10,502	kW @	$ 1.20	=	$	12,602	Primary	10,502	kW @		=	$	-
Transmission (bulk)	349,078	kW @	$ -	=	$	-	Transmission (bulk)	349,078	kW @		=	$	-
Generation & Transm							Generation & Transm						
(Greater of SB Cap/DD)							(Greater of SB Cap/DD)						
Primary							Primary						
Specified SB Cap	2,626	kW @	$ 0.835	=	$	2,193	Specified SB Cap	2,626	kW @		=	$	-
Daily Demand	23,231	kW @	$ 0.398	=	$	9,246	Daily Demand	23,231	kW @		=	$	-
Transmission (bulk)							Transmission (bulk)						
Specified SB Cap	314,535	kW @	$ 0.835	=	$	262,637	Specified SB Cap	314,535	kW @		=	$	-
Daily Demand	192,651	kW @	$ 0.398	=	$	76,675	Daily Demand	192,651	kW @		=	$	-
Total Specified Demand	359,580		Total		$	363,353	Total Specified Demand	359,580		Total		$	-
Energy Charge:							**Energy Charge:**						
Standard							Standard						
Primary	505	MWH @	$ 6.97	=	$	3,517	Primary	505	MWH @		=	$	-
Transmission	5,685	MWH @	$ 6.97	=	$	39,627	Transmission	5,685	MWH @		=	$	-
Total	6,190	MWH			$	43,144	Total	6,190	MWH			$	-
Adjustments							**Adjustments**						
Distribution Primary Metering	1%	OF	$ 27,558	=	$	(276)	Distribution Primary Metering	1%	OF	$ -	=	$	-
Transmission Metering	2%	OF	$ 378,939	=	$	(7,579)	Transmission Metering	2%	OF	$ -	=	$	-
Total					$	(7,855)	Total					$	-
Total SS-1 Base Revenue					$	430,622	**Total SS-1 Base Revenue**					$	-

Increase/ (Decrease) - $
Increase/ (Decrease) - %

FLORIDA PUBLIC SERVICE COMMISSION

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EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

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Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE SS-2

PRESENT REVENUE CALCULATIONS							PROPOSED REVENUE CALCULATIONS						
Customer Charge:							**Customer Charge:**						
Primary	20	Bills @	$	443.00	=	$ 8,860	Primary	20	Bills @		=	$ -
Tranmission	13	Bills @	$	1,025.00	=	$ 13,325	Tranmission	13	Bills @		=	$ -
Transmission (Customer Owned)	15	Bills @	$	287.00	=	$ 4,305	Transmission (Customer Owned)	15	Bills @		=	$ -
Total	48	Bills				26,490	Total	48	Bills			-
Demand Charge:							**Demand Charge:**						
Local Transm & Distri							Local Transm & Distri						
Primary	339,472	kW @	$	1.20	=	$ 407,366	Primary	339,472	kW @		=	$ -
Transmission (bulk)	644,178	kW @	$	-	=	$ -	Transmission (bulk)	644,178	kW @		=	$ -
Generation & Transm							Generation & Transm						
(Greater of SB Cap/DD)							(Greater of SB Cap/DD)						
Primary							Primary						
Specified SB Cap	85,777	kW @	$	0.835	=	$ 71,624	Specified SB Cap	85,777	kW @		=	$ -
Daily Demand	2,528,859	kW @	$	0.398	=	$ 1,006,486	Daily Demand	2,528,859	kW @		=	$ -
Transmission (bulk)							Transmission (bulk)						
Specified SB Cap	291,001	kW @	$	0.835	=	$ 242,986	Specified SB Cap	291,001	kW @		=	$ -
Daily Demand	4,648,812	kW @	$	0.398	=	$ 1,850,227	Daily Demand	4,648,812	kW @		=	$ -
Total Specified Demand	983,650			Total		$ 3,578,689	Total Specified Demand				Total	$ -
Energy Charge:							**Energy Charge:**						
Standard							Standard						
Primary	72,805	MWH @	$	6.97	=	$ 507,449	Primary	72,805	MWH @		=	$ -
Transmission	143,765	MWH @	$	6.97	=	$ 1,002,044	Transmission	143,765	MWH @		=	$ -
Total	216,570	MWH				$ 1,509,493	Total	216,570	MWH			$ -
Adjustments							**Adjustments**						
Distribution Primary Metering	1%	OF	$	1,992,925	=	$ (19,929)	Distribution Primary Metering	1%	OF	$ -	=	$ -
Transmission Metering	2%	OF	$	3,095,257	=	$ (61,905)	Transmission Metering	2%	OF	$ -	=	$ -
Total						$ (81,834)	Total					$ -
Total SS-2 Base Revenue						$ 5,032,838	**Total SS-2 Base Revenue**					$ -
							Increase/ (Decrease) - $						
							Increase/ (Decrease) - %						

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. The total base revenue by class must equal that shown in Schedule E-16a. The billing units must equal those shown in Schedules E-18a, E-18b, and E-18c. Provide total number of bills, MWH's, and billing KW for each rate schedule (including standard and time of use customers).

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 REVENUE CALCULATION FOR RATE SCHEDULE SS-3

PRESENT REVENUE CALCULATIONS							PROPOSED REVENUE CALCULATIONS					
Customer Charge:							**Customer Charge:**					
Primary	12	Bills @	$ 82.00	=	$	984	Primary	12	Bills @		= $	-
Tranmission	-	Bills @		=	$	-	Tranmission	-	Bills @		= $	-
Total	12	Bills			$	984	Total	12	Bills		$	-
Demand Charge:							**Demand Charge:**					
Local Transm & Distri							Local Transm & Distri					
Primary	152,058	kW @	$ 1.20	=	$	182,470	Primary	152,058	kW @		= $	-
Transmission (bulk)	-	kW @	$ -	=	$	-	Transmission (bulk)	-	kW @		= $	-
Generation & Transm							Generation & Transm					
(Greater of SB Cap/DD)							(Greater of SB Cap/DD)					
Primary							Primary					
Specified SB Cap	152,058	kW @	$ 0.835	=	$	126,968	Specified SB Cap	152,058	kW @		= $	-
Daily Demand	-	kW @	$ 0.398	=	$	-	Daily Demand	-	kW @		= $	-
Transmission (bulk)							Transmission (bulk)					
Specified SB Cap	-	kW @	$ 0.835	=	$	-	Specified SB Cap	-	kW @		= $	-
Daily Demand	-	kW @	$ 0.398	=	$	-	Daily Demand	-	kW @		= $	-
Total Specified Demand	152,058	kW	Total		$	309,438	Total Specified Demand	152,058	kW	Total	$	-
Energy Charge:							**Energy Charge:**					
Standard							Standard					
Primary	1,437	MWH @	$ 6.97	=	$	10,016	Primary	1,437	MWH @		= $	-
Transmission	-	MWH @	$ 6.97	=	$	-	Transmission	-	MWH @		= $	-
Total	1,437	MWH			$	10,016	Total	1,437	MWH		$	-
Adjustments:							**Adjustments:**					
Distribution Primary Metering	1%	OF	$ 319,454	=	$	(3,195)	Distribution Primary Metering	1%	OF	$ -	= $	-
Transmission Metering	2%	OF	$ -	=	$	-	Transmission Metering	2%	OF	$ -	= $	-
Total					$	(3,195)					$	-
Total SS-3 Base Revenue					$	317,243	**Total SS-3 Base Revenue**				$	-
							Increase/ (Decrease) - $					
							Increase/ (Decrease) - %					

SCHEDULE-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. *Poles should be listed separately from fixtures.* Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended ___/___/___
X Projected Test Year Ended 12/31/02
___Prior Year Ended ___/___/___
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	$ Maint. Charge (5)	$ Total Monthly Charge (6)	$ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	$ Maint. Charge (9)	$ Total Monthly Charge (10)	$ Total Revenue (11)	Percent Increase (12)
	Incandescent												
1	110	Roadway	1,000 L	3,792	32	0.94	3.29	4.23	16,040	-	-	-	-	-
2	115	Roadway	2,500 L	588	66	1.48	3.33	4.81	2,828	-	-	-	-	-
3	170	Post Top	2,500 L	360	72	18.69	1.21	19.90	7,164	-	-	-	-	-
	Mercury Vapor												
4	205	Open Bottom	4,000 L	13,722	44	2.34	0.93	3.27	44,871	-	-	-	-	-
5	210	Roadway	4,000 L	2,040	44	2.70	0.93	3.63	7,405	-	-	-	-	-
6	215	Post Top	4,000 L	774	44	3.18	0.93	4.11	3,181	-	-	-	-	-
7	220	Roadway	8,000 L	64,812	71	3.06	0.92	3.98	257,952	-	-	-	-	-
8	225	Open Bottom	8,000 L	8,406	71	2.29	0.93	3.22	27,067	-	-	-	-	-
9	235	Roadway	21,000 L	18,168	158	3.70	0.95	4.65	84,481	-	-	-	-	-
10	240	Roadway	62,000 L	42	386	4.85	1.10	5.95	250	-	-	-	-	-
11	245	Flood	21,000 L	2,040	158	4.85	0.95	5.80	11,832	-	-	-	-	-
12	250	Flood	62,000 L	468	386	5.68	1.10	6.78	3,173	-	-	-	-	-
	Sodium Vapor - Standard												
13	305	Open Bottom	4,000 L	57,084	21	2.03	1.28	3.31	188,948	-	-	-	-	-
14	310	Roadway	4,000 L	561,084	21	2.49	1.28	3.77	2,115,287	-	-	-	-	-
15	313	Open Bottom	6,500 L	1,428	29	3.81	1.74	5.55	7,925	-	-	-	-	-
16	314	Open Bottom-Hometown II	9,500 L	528	42	3.72	1.47	5.19	2,740	-	-	-	-	-
17	315	Post Top - Colonial/Contemp	4,000 L	387,312	21	3.78	1.28	5.06	1,959,799	-	-	-	-	-
18	316	Colonial Post Top	6,500 L	1,440	34	3.71	1.28	4.99	7,186	-	-	-	-	-
19	318	Post Top	9,500 L	7,584	42	1.99	1.28	3.27	24,800	-	-	-	-	-
20	320	Roadway	9,500 L	1,925,844	42	2.52	1.28	3.80	7,318,207	-	-	-	-	-
21	321	Deco Post Top - Monticello	9,500 L	19,542	49	10.89	1.47	12.36	241,539	-	-	-	-	-
22	322	Deco Post Top -Flagler	9,500 L	10,788	49	14.86	1.47	16.33	176,168	-	-	-	-	-
23	323	Roadway-Turtle	9,500 L	300	42	3.96	1.47	5.43	1,629	-	-	-	-	-
24	325	Roadway	16,000 L	384,846	65	2.62	1.30	3.92	1,508,596	-	-	-	-	-
25	326	Deco Post Top - Sanibel	9,500 L	10,392	49	15.13	1.47	16.60	172,507	-	-	-	-	-
26	327	Deco Post Top - Sanibel (MH)	12,000 L	8,100	74	15.34	3.07	18.41	149,121	-	-	-	-	-
27	330	Roadway	22,000 L	128,172	87	2.90	1.32	4.22	540,886	-	-	-	-	-
28	335	Roadway	27,500 L	172,134	104	2.88	1.32	4.20	722,963	-	-	-	-	-
29	336	Roadway	27,500 L	2,052	104	6.18	1.32	7.50	15,390	-	-	-	-	-
30	337	Roadway	50,000 L	984	104	4.90	1.32	6.22	6,120	-	-	-	-	-
31	338	Deco Roadway - Maitland	27,500 L	1,020	104	8.70	1.47	10.17	10,373	-	-	-	-	-
32	339	Deco Roadway - Maitland	50,000 L	720	169	9.36	1.47	10.83	7,798	-	-	-	-	-
33	340	Roadway	50,000 L	102,210	169	3.49	1.33	4.82	492,652	-	-	-	-	-
34	341	Flood	16,000 L	132	65	3.72	1.32	5.04	665	-	-	-	-	-

SCHEDULE-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED

Line No.		Type of Facility (1)		Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
35	342	Interstate	50,000 L	3,744	168	6.58	1.27	7.85	29,390	-	-	-	-	-
36	343	Interstate	27,500 L	5,304	108	6.45	1.22	7.67	40,682	-	-	-	-	-
37	345	Flood	27,500 L	89,490	103	3.72	1.32	5.04	451,030	-	-	-	-	-
38	346	Deco Post Top - Ocala II	9,500 L	2,880	49	8.74	1.47	10.21	29,405	-	-	-	-	-
39	350	Flood	50,000 L	196,446	170	3.89	1.33	5.22	1,025,448	-	-	-	-	-
40	360	Deco Roadway Rect	9,500 L	2,856	47	8.68	1.28	9.96	28,446	-	-	-	-	-
41	365	Deco Roadway Rect	27,500 L	26,460	108	8.68	1.32	10.00	264,600	-	-	-	-	-
42	366	Deco Roadway Rect	50,000 L	12,552	168	8.68	1.32	10.00	125,520	-	-	-	-	-
43	370	Deco Roadway Round	27,500 L	4,236	108	10.68	1.32	12.00	50,832	-	-	-	-	-
44	371	Deco Roadway Rect (MH)	38,000 L	966	159	11.98	3.08	15.06	14,548	-	-	-	-	-
45	372	Deco Roadway Round (MH)	38,000 L	558	159	14.32	3.08	17.40	9,709	-	-	-	-	-
46	375	Deco Roadway Round	50,000 L	17,280	168	10.69	1.33	12.02	207,706	-	-	-	-	-
47	380	Deco Post Top - Acorn	9,500 L	223,224	49	6.09	1.28	7.37	1,645,161	-	-	-	-	-
48	381	Deco Post Top	9,500 L	684	49	3.71	1.28	4.99	3,413	-	-	-	-	-
49	383	Deco Post Top - Biscayne	9,500 L	30,150	49	11.99	1.28	13.27	400,091	-	-	-	-	-
50	385	Deco Post Top - Salem	9,500 L	75,306	49	5.74	1.28	7.02	528,648	-	-	-	-	-
51	386	Flood (MH)	110,000 L	15,900	378	11.86	4.75	16.61	264,099	-	-	-	-	-
52	389	Flood (MH)	110,000 L	1,692	378	11.92	4.75	16.67	28,206	-	-	-	-	-
53	390	Deco Cube (MH)	38,000 L	5,700	159	15.04	3.08	18.12	103,284	-	-	-	-	-
54	393	Deco Post Top	4,000 L	948	21	6.09	1.28	7.37	6,987	-	-	-	-	-
55	394	Deco Post Top	9,500 L	48	49	14.62	1.40	16.02	769	-	-	-	-	-
56	396	Deco Post Top (Dual MH)	24,000 L	1,752	148	29.97	6.14	36.11	63,265	-	-	-	-	-
57	397	Deco Post Top (MH)	12,000 L	1,020	74	12.85	3.07	15.92	16,238	-	-	-	-	-
58	398	Deco Cube (MH)	110,000 L	5,970	378	18.28	4.75	23.03	137,489	-	-	-	-	-
59	399	Flood (MH)	38,000 L	6,210	159	9.89	3.08	12.97	80,544	-	-	-	-	-
		Other Facilities												
60	405	Standard Concrete 30/35'		1,126,812	-	3.22	-	3.22	3,628,335	-	-	-	-	-
61	406	Deco Concrete - Sanibel		7,392	-	8.93	-	8.93	66,011	-	-	-	-	-
62	407	Deco Concrete - Dual Sanibel		1,122	-	9.63	-	9.63	10,805	-	-	-	-	-
63	408	Aluminum 26' DOT		1,350	-	38.10	-	38.10	51,435	-	-	-	-	-
64	409	Aluminum 36' DOT		768	-	48.25	-	48.25	37,056	-	-	-	-	-
65	410	Concrete 15'		14,028	-	2.12	-	2.12	29,739	-	-	-	-	-
66	411	Octagonal 16' Concrete		3,708	-	2.00	-	2.00	7,416	-	-	-	-	-
67	412	Deco 32' Concrete Vic II		582	-	12.22	-	12.22	7,112	-	-	-	-	-
68	413	Tenon Top Concrete 25'		612	-	8.93	-	8.93	5,465	-	-	-	-	-
69	415	Curved Concrete		7,920	-	4.37	-	4.37	34,610	-	-	-	-	-
70	420	Wood 30/35'		838,704	-	1.60	-	1.60	1,341,926	-	-	-	-	-
71	425	Wood 14' Laminated		18,588	-	1.60	-	1.60	29,741	-	-	-	-	-
72	428	Deco Fiberglass 35' Bronze Reinf		2,436	-	17.51	-	17.51	42,654	-	-	-	-	-
73	429	Deco Fiberglass 41' Bronze Reinf		9,390	-	20.07	-	20.07	188,457	-	-	-	-	-

SCHEDULE-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended ___/___/___
X Projected Test Year Ended 12/31/02
___Prior Year Ended ___/___/___
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
74	430	Fiberglass 14' Black	376,170	-	1.60	-	1.60	601,872	-	-	-	-	-
75	431	Deco Fiberglass 41' Bronze	15,180	-	13.70	-	13.70	207,966	-	-	-	-	-
76	432	Deco Fiberglass 35' Bronze Anchor Base	60	-	25.19	-	25.19	1,511	-	-	-	-	-
77	433	Deco Fiberglass 35' Bronze	6,030	-	10.18	-	10.18	61,385	-	-	-	-	-
78	434	Deco Fiberglass 20' Black Deco Base	3,882	-	11.22	-	11.22	43,556	-	-	-	-	-
79	435	Aluminum Type A	576	-	6.04	-	6.04	3,479	-	-	-	-	-
80	436	Deco Fiberglass 16' Black Fluted	45,144	-	17.87	-	17.87	806,723	-	-	-	-	-
81	437	Fiberglass 16' Black Fluted, Dual Mount	11,166	-	20.11	-	20.11	224,548	-	-	-	-	-
82	438	Deco Fiberglass 20' Black	113,094	-	5.36	-	5.36	606,184	-	-	-	-	-
83	439	Black Fiberglass 16'	3,150	-	18.13	-	18.13	57,110	-	-	-	-	-
84	440	Aluminum Type B	2,688	-	6.72	-	6.72	18,063	-	-	-	-	-
85	445	Aluminum Type C	960	-	13.13	-	13.13	12,605	-	-	-	-	-
86	446	Deco Fiberglass 30' Bronze	2,640	-	10.60	-	10.60	27,984	-	-	-	-	-
87	447	Deco Fiberglass 35' Silver Anchor Base	3,234	-	19.61	-	19.61	63,419	-	-	-	-	-
88	448	Deco Fiberglass 41' Silver	7,932	-	16.50	-	16.50	130,878	-	-	-	-	-
89	449	Deco Fiberglass 16' Black Fluted Anchor Base	1,668	-	15.90	-	15.90	26,521	-	-	-	-	-
90	450	Concrete - 1/2 Special	4,836	-	1.60	-	1.60	7,738	-	-	-	-	-
91	455	Steel Type A	72	-	3.77	-	3.77	271	-	-	-	-	-
92	460	Steel Type B	48	-	4.04	-	4.04	194	-	-	-	-	-
93	465	Steel Type C	180	-	5.65	-	5.65	1,017	-	-	-	-	-
94	466	16' Deco Conc-Vic Dual Mount	2,094	-	13.79	-	13.79	28,876	-	-	-	-	-
95	467	16' Deco Conc-Washington Dual Mount	1,014	-	20.73	-	20.73	21,020	-	-	-	-	-
96	468	16' Deco Concrete - Colonial Dual Mount	1,698	-	10.19	-	10.19	17,303	-	-	-	-	-
97	469	35' Tenon Top Quad Flood Mount	366	-	12.23	-	12.23	4,476	-	-	-	-	-
98	471	22' Black Deco Concrete	1,032	-	10.45	-	10.45	10,784	-	-	-	-	-
99	476	25' Tenon Top Bronze Concrete	882	-	13.21	-	13.21	11,651	-	-	-	-	-
100	477	30' Tenon Top Bronze Concrete	774	-	14.52	-	14.52	11,238	-	-	-	-	-
101	478	35' Tenon Top Bronze Concrete	768	-	16.06	-	16.06	12,334	-	-	-	-	-
102	479	41' Tenon Top Bronze Concrete	168	-	18.54	-	18.54	3,115	-	-	-	-	-
103	480	Wood 40/45'	13,548	-	3.57	-	3.57	48,366	-	-	-	-	-
104	481	Tenon Style Concrete 30' Single Flood Mount	174	-	7.76	-	7.76	1,350	-	-	-	-	-
105	482	Tenon Style Concrete 30' Double Flood Mount	126	-	10.77	-	10.77	1,357	-	-	-	-	-
106	483	Tenon Style Concrete 46' Triple Flood Mount	72	-	14.96	-	14.96	1,077	-	-	-	-	-
107	484	Tenon Style Concrete 46' Double Flood Mount	318	-	14.70	-	14.70	4,675	-	-	-	-	-
108	485	Standard Concrete 40/45'	2,724	-	8.82	-	8.82	24,026	-	-	-	-	-
109	486	Tenon Style Concrete 46' Single Flood Mount	132	-	11.69	-	11.69	1,543	-	-	-	-	-
110	487	Tenon Style Concrete 35' Triple Flood Mount	342	-	12.08	-	12.08	4,131	-	-	-	-	-
111	488	Tenon Style Concrete 35' Double Flood Mount	1,014	-	11.81	-	11.81	11,975	-	-	-	-	-
112	489	Tenon Style Concrete 35' Single Flood Mount	594	-	8.80	-	8.80	5,227	-	-	-	-	-
113	490	Special Concrete 13'	84	-	13.49	-	13.49	1,133	-	-	-	-	-
114	491	Tenon Style Concrete 30' Triple Flood Mount	168	-	11.04	-	11.04	1,855	-	-	-	-	-
115	492	16' Smooth Deco Concrete - Colonial	73,974	-	6.38	-	6.38	471,954	-	-	-	-	-

SCHEDULE-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. *Annual KWH's must agree with the data* provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
116	493	19' White Aluminum	1,536	-	23.71	-	23.71	36,419	-	-	-	-	-
117	494	Tenon Top Concrete 46' Non-Flood Mount	2,100	-	12.68	-	12.68	26,628	-	-	-	-	-
118	496	Tenon Top Concrete 30' Non-Flood Mount	2,178	-	9.81	-	9.81	21,366	-	-	-	-	-
119	497	16' Deco Concrete w/Large Base-Washington	29,766	-	16.92	-	16.92	503,641	-	-	-	-	-
120	498	Tenon Top Concrete 35' Non-Flood Mount	12,456	-	10.26	-	10.26	127,799	-	-	-	-	-
121	499	16' Deco Concrete w/Small Base-Vic II	50,064	-	9.98	-	9.98	499,639	-	-	-	-	-
								$ 31,991,800					

TOTAL COMPANY OWNED AND MAINTAINED:

FACILITIES CHARGES	-	FIXTURES	$ 15,615,507
FACILITIES CHARGES	-	POLES	$ 10,298,747
MAINTENANCE	-	FIXTURES	$ 6,077,546

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER CONTRIBUTION FOR INSTALLED COST OF FIXTURE

Line No.	Type of Facility (1)			Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
	Incandescent													
1	110	Roadway	1,000 L	-	32	-	3.29	3.29	-	-	-	-	-	-
2	115	Roadway	2,500 L	-	66	-	3.33	3.33	-	-	-	-	-	-
3	170	Post Top	2,500 L	-	72	-	1.21	1.21	-	-	-	-	-	-
	Mercury Vapor													
4	205	Open Bottom	4,000 L	-	44	-	0.93	0.93	-	-	-	-	-	-
5	210	Roadway	4,000 L	588	44	-	0.93	0.93	547	-	-	-	-	-
6	215	Post Top	4,000 L	-	44	-	0.93	0.93	-	-	-	-	-	-
7	220	Roadway	8,000 L	-	71	-	0.92	0.92	-	-	-	-	-	-
8	225	Open Bottom	8,000 L	-	71	-	0.93	0.93	-	-	-	-	-	-
9	235	Roadway	21,000 L	24	158	-	0.95	0.95	23	-	-	-	-	-
10	240	Roadway	62,000 L	-	386	-	1.10	1.10	-	-	-	-	-	-
11	245	Flood	21,000 L	-	158	-	0.95	0.95	-	-	-	-	-	-
12	250	Flood	62,000 L	-	386	-	1.10	1.10	-	-	-	-	-	-
	Sodium Vapor - Standard													
13	305	Open Bottom	4,000 L	-	21	-	1.28	1.28	-	-	-	-	-	-
14	310	Roadway	4,000 L	-	21	-	1.28	1.28	-	-	-	-	-	-
15	313	Open Bottom	6,500 L	-	29	-	1.74	1.74	-	-	-	-	-	-
16	314	Open Bottom-Hometown II	9,500 L	-	42	-	1.47	1.47	-	-	-	-	-	-
17	315	Post Top - Colonial/Contemp	4,000 L	12	21	-	1.28	1.28	15	-	-	-	-	-
18	316	Colonial Post Top	6,500 L	-	34	-	1.28	1.28	-	-	-	-	-	-
19	318	Post Top	9,500 L	-	42	-	1.28	1.28	-	-	-	-	-	-
20	320	Roadway	9,500 L	108	42	-	1.28	1.28	138	-	-	-	-	-
21	321	Deco Post Top - Monticello	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
22	322	Deco Post Top -Flagler	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
23	323	Roadway-Turtle	9,500 L	-	42	-	1.47	1.47	-	-	-	-	-	-
24	325	Roadway	16,000 L	48	65	-	1.30	1.30	62	-	-	-	-	-
25	326	Deco Post Top - Sanibel	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
26	327	Deco Post Top - Sanibel (MH)	12,000 L	-	74	-	3.07	3.07	-	-	-	-	-	-
27	330	Roadway	22,000 L	-	87	-	1.32	1.32	-	-	-	-	-	-
28	335	Roadway	27,500 L	12	104	-	1.32	1.32	16	-	-	-	-	-
29	336	Roadway	27,500 L	-	104	-	1.32	1.32	-	-	-	-	-	-
30	337	Roadway	50,000 L	-	104	-	1.32	1.32	-	-	-	-	-	-
31	338	Deco Roadway - Maitland	27,500 L	-	104	-	1.47	1.47	-	-	-	-	-	-
32	339	Deco Roadway - Maitland	50,000 L	-	169	-	1.47	1.47	-	-	-	-	-	-
33	340	Roadway	50,000 L	12	169	-	1.33	1.33	16	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues *from charges for all types of lighting fixtures, poles and conductors.* Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER CONTRIBUTION FOR INSTALLED COST OF FIXTURE

Line No.		Type of Facility (1)		Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
34	341	Flood	18,000 L	-	65	-	1.32	1.32	-	-	-	-	-	-
35	342	Interstate	50,000 L	-	168	-	1.27	1.27	-	-	-	-	-	-
36	343	Interstate	27,500 L	-	108	-	1.22	1.22	-	-	-	-	-	-
37	345	Flood	27,500 L	24	103	-	1.32	1.32	32	-	-	-	-	-
38	346	Deco Post Top - Ocala II	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
39	350	Flood	50,000 L	12	170	-	1.33	1.33	16	-	-	-	-	-
40	360	Deco Roadway Rect	9,500 L	-	47	-	1.28	1.28	-	-	-	-	-	-
41	365	Deco Roadway Rect	27,500 L	-	108	-	1.32	1.32	-	-	-	-	-	-
42	366	Deco Roadway Rect	50,000 L	-	168	-	1.32	1.32	-	-	-	-	-	-
43	370	Deco Roadway Round	27,500 L	-	108	-	1.32	1.32	-	-	-	-	-	-
44	371	Deco Roadway Rect (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
45	372	Deco Roadway Round (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
46	375	Deco Roadway Round	50,000 L	-	168	-	1.33	1.33	-	-	-	-	-	-
47	380	Deco Post Top - Acorn	9,500 L	264	49	-	1.28	1.28	338	-	-	-	-	-
48	381	Deco Post Top	9,500 L	-	49	-	1.28	1.28	-	-	-	-	-	-
49	383	Deco Post Top - Biscayne	9,500 L	-	49	-	1.28	1.28	-	-	-	-	-	-
50	385	Deco Post Top - Salem	9,500 L	-	49	-	1.28	1.28	-	-	-	-	-	-
51	386	Flood (MH)	110,000 L	-	378	-	4.75	4.75	-	-	-	-	-	-
52	389	Flood (MH)	110,000 L	-	378	-	4.75	4.75	-	-	-	-	-	-
53	390	Deco Cube (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
54	393	Deco Post Top	4,000 L	-	21	-	1.28	1.28	-	-	-	-	-	-
55	394	Deco Post Top	9,500 L	-	49	-	1.40	1.40	-	-	-	-	-	-
56	396	Deco Post Top (Dual MH)	24,000 L	-	148	-	6.14	6.14	-	-	-	-	-	-
57	397	Deco Post Top (MH)	12,000 L	240	74	-	3.07	3.07	737	-	-	-	-	-
58	398	Deco Cube (MH)	110,000 L	-	378	-	4.75	4.75	-	-	-	-	-	-
59	399	Flood (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
		Other Facilities												
60	405	Standard Concrete 30/35'		48	-	-	-	-	-	-	-	-	-	-
61	406	Deco Concrete - Sanibel		-	-	-	-	-	-	-	-	-	-	-
62	407	Deco Concrete - Dual Sanibel		-	-	-	-	-	-	-	-	-	-	-
63	408	Aluminum 26' DOT		-	-	-	-	-	-	-	-	-	-	-
64	409	Aluminum 36' DOT		-	-	-	-	-	-	-	-	-	-	-
65	410	Concrete 15'		-	-	-	-	-	-	-	-	-	-	-
66	411	Octagonal 16' Concrete		-	-	-	-	-	-	-	-	-	-	-
67	412	Deco 32' Concrete Vic II		-	-	-	-	-	-	-	-	-	-	-
68	413	Tenon Top Concrete 25'		-	-	-	-	-	-	-	-	-	-	-
69	415	Curved Concrete		-	-	-	-	-	-	-	-	-	-	-
70	420	Wood 30/35'		48	-	-	-	-	-	-	-	-	-	-
71	425	Wood 14' Laminated		-	-	-	-	-	-	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER CONTRIBUTION FOR INSTALLED COST OF FIXTURE

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
72	428	Deco Fiberglass 35' Bronze Reinf	-	-	-	-	-	-	-	-	-	-	-
73	429	Deco Fiberglass 41' Bronze Reinf	-	-	-	-	-	-	-	-	-	-	-
74	430	Fiberglass 14' Black	-	-	-	-	-	-	-	-	-	-	-
75	431	Deco Fiberglass 41' Bronze	-	-	-	-	-	-	-	-	-	-	-
76	432	Deco Fiberglass 35' Bronze Anchor Base	-	-	-	-	-	-	-	-	-	-	-
77	433	Deco Fiberglass 35' Bronze	-	-	-	-	-	-	-	-	-	-	-
78	434	Deco Fiberglass 20' Black Deco Base	-	-	-	-	-	-	-	-	-	-	-
79	435	Aluminum Type A	-	-	-	-	-	-	-	-	-	-	-
80	436	Deco Fiberglass 16' Black Fluted	-	-	-	-	-	-	-	-	-	-	-
81	437	Fiberglass 16' Black Fluted, Dual Mount	-	-	-	-	-	-	-	-	-	-	-
82	438	Deco Fiberglass 20' Black	-	-	-	-	-	-	-	-	-	-	-
83	439	Black Fiberglass 16'	-	-	-	-	-	-	-	-	-	-	-
84	440	Aluminum Type B	-	-	-	-	-	-	-	-	-	-	-
85	445	Aluminum Type C	-	-	-	-	-	-	-	-	-	-	-
86	446	Deco Fiberglass 30' Bronze	-	-	-	-	-	-	-	-	-	-	-
87	447	Deco Fiberglass 35' Silver Anchor Base	-	-	-	-	-	-	-	-	-	-	-
88	448	Deco Fiberglass 41' Silver	-	-	-	-	-	-	-	-	-	-	-
89	449	Deco Fiberglass 16' Black Fluted Anchor Base	-	-	-	-	-	-	-	-	-	-	-
90	450	Concrete - 1/2 Special	-	-	-	-	-	-	-	-	-	-	-
91	455	Steel Type A	-	-	-	-	-	-	-	-	-	-	-
92	460	Steel Type B	-	-	-	-	-	-	-	-	-	-	-
93	465	Steel Type C	-	-	-	-	-	-	-	-	-	-	-
94	466	16' Deco Conc-Vic Dual Mount	-	-	-	-	-	-	-	-	-	-	-
95	467	16' Deco Conc-Washington Dual Mount	-	-	-	-	-	-	-	-	-	-	-
96	468	16' Deco Concrete - Colonial Dual Mount	-	-	-	-	-	-	-	-	-	-	-
97	469	35' Tenon Top Quad Flood Mount	-	-	-	-	-	-	-	-	-	-	-
98	471	22' Black Deco Concrete	-	-	-	-	-	-	-	-	-	-	-
99	476	25' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
100	477	30' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
101	478	35' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
102	479	41' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
103	480	Wood 40/45'	-	-	-	-	-	-	-	-	-	-	-
104	481	Tenon Style Concrete 30' Single Flood Mount	-	-	-	-	-	-	-	-	-	-	-
105	482	Tenon Style Concrete 30' Double Flood Mount	-	-	-	-	-	-	-	-	-	-	-
106	483	Tenon Style Concrete 46' Triple Flood Mount	-	-	-	-	-	-	-	-	-	-	-
107	484	Tenon Style Concrete 46' Double Flood Mount	-	-	-	-	-	-	-	-	-	-	-
108	485	Standard Concrete 40/45'	-	-	-	-	-	-	-	-	-	-	-
109	486	Tenon Style Concrete 46' Single Flood Mount	-	-	-	-	-	-	-	-	-	-	-
110	487	Tenon Style Concrete 35' Triple Flood Mount	-	-	-	-	-	-	-	-	-	-	-
111	488	Tenon Style Concrete 35' Double Flood Mount	-	-	-	-	-	-	-	-	-	-	-
112	489	Tenon Style Concrete 35' Single Flood Mount	-	-	-	-	-	-	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER CONTRIBUTION FOR INSTALLED COST OF FIXTURE

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	$ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	$ Total Revenue (11)	Percent Increase (12)
113	490	Special Concrete 13'	-	-	-	-	-	-	-	-	-	-	-
114	491	Tenon Style Concrete 30' Triple Flood Mount	-	-	-	-	-	-	-	-	-	-	-
115	492	16' Smooth Deco Concrete - Colonial	-	-	-	-	-	-	-	-	-	-	-
116	493	19' White Aluminum	-	-	-	-	-	-	-	-	-	-	-
117	494	Tenon Top Concrete 45' Non-Flood Mount	-	-	-	-	-	-	-	-	-	-	-
118	496	Tenon Top Concrete 30' Non-Flood Mount	-	-	-	-	-	-	-	-	-	-	-
119	497	16' Deco Concrete w/Large Base-Washington	-	-	-	-	-	-	-	-	-	-	-
120	498	Tenon Top Concrete 35' Non-Flood Mount	-	-	-	-	-	-	-	-	-	-	-
121	499	16' Deco Concrete w/Small Base-Vic II	-	-	-	-	-	-	-	-	-	-	-

		$ 1,940

CUSTOMER CONTRIBUTION FOR INSTALLED COST OF FIXTURE:

FACILITIES CHARGES	-	FIXTURES	$ -
FACILITIES CHARGES	-	POLES	$ -
MAINTENANCE	-	FIXTURES	$ 1,940

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
CUSTOMER OWNED COMPANY MAINTAINED

Line No.	Type of Facility (1)			Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
	Incandescent													
1	110	Roadway	1,000 L	-	32	-	3.29	3.29	-	-	-	-	-	-
2	115	Roadway	2,500 L	-	66	-	3.33	3.33	-	-	-	-	-	-
3	170	*Post Top*	2,500 L	-	72	-	1.21	1.21	-	-	-	-	-	-
	Mercury Vapor													
4	205	Open Bottom	4,000 L	-	44	-	0.93	0.93	-	-	-	-	-	-
5	210	Roadway	4,000 L	-	44	-	0.93	0.93	-	-	-	-	-	-
6	215	Post Top	4,000 L	-	44	-	0.93	0.93	-	-	-	-	-	-
7	220	Roadway	8,000 L	-	71	-	0.92	0.92	-	-	-	-	-	-
8	225	Open Bottom	8,000 L	-	71	-	0.93	0.93	-	-	-	-	-	-
9	235	Roadway	21,000 L	-	158	-	0.95	0.95	-	-	-	-	-	-
10	240	Roadway	62,000 L	-	386	-	1.10	1.10	-	-	-	-	-	-
11	245	Flood	21,000 L	-	158	-	0.95	0.95	-	-	-	-	-	-
12	250	Flood	62,000 L	-	386	-	1.10	1.10	-	-	-	-	-	-
	Sodium Vapor - Standard													
13	305	Open Bottom	4,000 L	-	21	-	1.28	1.28	-	-	-	-	-	-
14	310	Roadway	4,000 L	528	21	-	1.28	1.28	676	-	-	-	-	-
15	313	Open Bottom	6,500 L	-	29	-	1.74	1.74	-	-	-	-	-	-
16	314	Open Bottom-Hometown II	9,500 L	-	42	-	1.47	1.47	-	-	-	-	-	-
17	315	Post Top - Colonial/Contemp	4,000 L	-	21	-	1.28	1.28	-	-	-	-	-	-
18	316	Colonial Post Top	6,500 L	-	34	-	1.28	1.28	-	-	-	-	-	-
19	318	Post Top	9,500 L	-	42	-	1.28	1.28	-	-	-	-	-	-
20	320	Roadway	9,500 L	684	42	-	1.28	1.28	876	-	-	-	-	-
21	321	*Deco Post Top - Monticello*	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
22	322	Deco Post Top -Flagler	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
23	323	Roadway-Turtle	9,500 L	-	42	-	1.47	1.47	-	-	-	-	-	-
24	325	Roadway	16,000 L	-	65	-	1.30	1.30	-	-	-	-	-	-
25	326	Deco Post Top - Sanibel	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
26	327	Deco Post Top - Sanibel (MH)	12,000 L	-	74	-	3.07	3.07	-	-	-	-	-	-
27	330	Roadway	22,000 L	-	87	-	1.32	1.32	-	-	-	-	-	-
28	335	Roadway	27,500 L	6612	104	-	1.32	1.32	8,728	-	-	-	-	-
29	336	Roadway	27,500 L	-	104	-	1.32	1.32	-	-	-	-	-	-
30	337	Roadway	50,000 L	-	104	-	1.32	1.32	-	-	-	-	-	-
31	338	Deco Roadway - Maitland	27,500 L	-	104	-	1.47	1.47	-	-	-	-	-	-
32	339	Deco Roadway - Maitland	50,000 L	-	169	-	1.47	1.47	-	-	-	-	-	-
33	340	Roadway	50,000 L	108	169	-	1.33	1.33	144	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
CUSTOMER OWNED COMPANY MAINTAINED

Line No.		Type of Facility (1)		Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
34	341	Flood	16,000 L	-	65	-	1.32	1.32	-	-	-	-	-	-
35	342	Interstate	50,000 L	-	168	-	1.27	1.27	-	-	-	-	-	-
36	343	Interstate	27,500 L	-	108	-	1.22	1.22	-	-	-	-	-	-
37	345	Flood	27,500 L	-	103	-	1.32	1.32	-	-	-	-	-	-
38	346	Deco Post Top - Ocala II	9,500 L	-	49	-	1.47	1.47	-	-	-	-	-	-
39	350	Flood	50,000 L	60	170	-	1.33	1.33	80	-	-	-	-	-
40	360	Deco Roadway Rect	9,500 L	-	47	-	1.28	1.28	-	-	-	-	-	-
41	365	Deco Roadway Rect	27,500 L	-	108	-	1.32	1.32	-	-	-	-	-	-
42	366	Deco Roadway Rect	50,000 L	-	168	-	1.32	1.32	-	-	-	-	-	-
43	370	Deco Roadway Round	27,500 L	-	108	-	1.32	1.32	-	-	-	-	-	-
44	371	Deco Roadway Rect (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
45	372	Deco Roadway Round (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
46	375	Deco Roadway Round	50,000 L	-	168	-	1.33	1.33	-	-	-	-	-	-
47	380	Deco Post Top - Acorn	9,500 L	1140	49	-	1.28	1.28	1,459	-	-	-	-	-
48	381	Deco Post Top	9,500 L	-	49	-	1.28	1.28	-	-	-	-	-	-
49	383	Deco Post Top - Biscayne	9,500 L	-	49	-	1.28	1.28	-	-	-	-	-	-
50	385	Deco Post Top - Salem	9,500 L	-	49	-	1.28	1.28	-	-	-	-	-	-
51	386	Flood (MH)	110,000 L	-	378	-	4.75	4.75	-	-	-	-	-	-
52	389	Flood (MH)	110,000 L	-	378	-	4.75	4.75	-	-	-	-	-	-
53	390	Deco Cube (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
54	393	Deco Post Top	4,000 L	-	21	-	1.28	1.28	-	-	-	-	-	-
55	394	Deco Post Top	9,500 L	-	49	-	1.40	1.40	-	-	-	-	-	-
56	396	Deco Post Top (Dual MH)	24,000 L	-	148	-	6.14	6.14	-	-	-	-	-	-
57	397	Deco Post Top (MH)	12,000 L	-	74	-	3.07	3.07	-	-	-	-	-	-
58	398	Deco Cube (MH)	110,000 L	-	378	-	4.75	4.75	-	-	-	-	-	-
59	399	Flood (MH)	38,000 L	-	159	-	3.08	3.08	-	-	-	-	-	-
		Other Facilities												
60	405	Standard Concrete 30/35'		-	-	-	-	-	-	-	-	-	-	-
61	406	Deco Concrete - Sanibel		-	-	-	-	-	-	-	-	-	-	-
62	407	Deco Concrete - Dual Sanibel		-	-	-	-	-	-	-	-	-	-	-
63	408	Aluminum 26' DOT		-	-	-	-	-	-	-	-	-	-	-
64	409	Aluminum 35' DOT		-	-	-	-	-	-	-	-	-	-	-
65	410	Concrete 15'		-	-	-	-	-	-	-	-	-	-	-
66	411	Octagonal 16' Concrete		-	-	-	-	-	-	-	-	-	-	-
67	412	Deco 32' Concrete Vic II		-	-	-	-	-	-	-	-	-	-	-
68	413	Tenon Top Concrete 25'		-	-	-	-	-	-	-	-	-	-	-
69	415	Curved Concrete		-	-	-	-	-	-	-	-	-	-	-
70	420	Wood 30/35'		-	-	-	-	-	-	-	-	-	-	-
71	425	Wood 14' Laminated		-	-	-	-	-	-	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
CUSTOMER OWNED COMPANY MAINTAINED

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
72	428	Deco Fiberglass 35' Bronze Reinf	-	-	-	-	-	-	-	-	-	-	-
73	429	Deco Fiberglass 41' Bronze Reinf	-	-	-	-	-	-	-	-	-	-	-
74	430	Fiberglass 14' Black	-	-	-	-	-	-	-	-	-	-	-
75	431	Deco Fiberglass 41' Bronze	-	-	-	-	-	-	-	-	-	-	-
76	432	Deco Fiberglass 35' Bronze Anchor Base	-	-	-	-	-	-	-	-	-	-	-
77	433	Deco Fiberglass 35' Bronze	-	-	-	-	-	-	-	-	-	-	-
78	434	Deco Fiberglass 20' Black Deco Base	-	-	-	-	-	-	-	-	-	-	-
79	435	Aluminum Type A	-	-	-	-	-	-	-	-	-	-	-
80	436	Deco Fiberglass 16' Black Fluted	-	-	-	-	-	-	-	-	-	-	-
81	437	Fiberglass 16' Black Fluted, Dual Mount	-	-	-	-	-	-	-	-	-	-	-
82	438	Deco Fiberglass 20' Black	-	-	-	-	-	-	-	-	-	-	-
83	439	Black Fiberglass 16'	-	-	-	-	-	-	-	-	-	-	-
84	440	Aluminum Type B	-	-	-	-	-	-	-	-	-	-	-
85	445	Aluminum Type C	-	-	-	-	-	-	-	-	-	-	-
86	446	Deco Fiberglass 30' Bronze	-	-	-	-	-	-	-	-	-	-	-
87	447	Deco Fiberglass 35' Silver Anchor Base	-	-	-	-	-	-	-	-	-	-	-
88	448	Deco Fiberglass 41' Silver	-	-	-	-	-	-	-	-	-	-	-
89	449	Deco Fiberglass 16' Black Fluted Anchor Base	-	-	-	-	-	-	-	-	-	-	-
90	450	Concrete - 1/2 Special	-	-	-	-	-	-	-	-	-	-	-
91	455	Steel Type A	-	-	-	-	-	-	-	-	-	-	-
92	460	Steel Type B	-	-	-	-	-	-	-	-	-	-	-
93	465	Steel Type C	-	-	-	-	-	-	-	-	-	-	-
94	466	16' Deco Conc-Vic Dual Mount	-	-	-	-	-	-	-	-	-	-	-
95	467	16' Deco Conc-Washington Dual Mount	-	-	-	-	-	-	-	-	-	-	-
96	468	16' Deco Concrete - Colonial Dual Mount	-	-	-	-	-	-	-	-	-	-	-
97	469	35' Tenon Top Quad Flood Mount	-	-	-	-	-	-	-	-	-	-	-
98	471	22' Black Deco Concrete	-	-	-	-	-	-	-	-	-	-	-
99	476	25' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
100	477	30' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
101	478	35' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
102	479	41' Tenon Top Bronze Concrete	-	-	-	-	-	-	-	-	-	-	-
103	480	Wood 40/45'	-	-	-	-	-	-	-	-	-	-	-
104	481	Tenon Style Concrete 30' Single Flood Mount	-	-	-	-	-	-	-	-	-	-	-
105	482	Tenon Style Concrete 30' Double Flood Mount	-	-	-	-	-	-	-	-	-	-	-
106	483	Tenon Style Concrete 46' Triple Flood Mount	-	-	-	-	-	-	-	-	-	-	-
107	484	Tenon Style Concrete 46' Double Flood Mount	-	-	-	-	-	-	-	-	-	-	-
108	485	Standard Concrete 40/45'	-	-	-	-	-	-	-	-	-	-	-
109	486	Tenon Style Concrete 46' Single Flood Mount	-	-	-	-	-	-	-	-	-	-	-
110	487	Tenon Style Concrete 35' Triple Flood Mount	-	-	-	-	-	-	-	-	-	-	-
111	488	Tenon Style Concrete 35' Double Flood Mount	-	-	-	-	-	-	-	-	-	-	-
112	489	Tenon Style Concrete 35' Single Flood Mount	-	-	-	-	-	-	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
CUSTOMER OWNED COMPANY MAINTAINED

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	$ Maint. Charge (5)	$ Total Monthly Charge (6)	$ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	$ Maint. Charge (9)	$ Total Monthly Charge (10)	$ Total Revenue (11)	Percent Increase (12)
113	490	Special Concrete 13'	-	-	-	-	-	-	-	-	-	-	-
114	491	Tenon Style Concrete 30' Triple Flood Mount	-	-	-	-	-	-	-	-	-	-	-
115	492	16' Smooth Deco Concrete - Colonial	-	-	-	-	-	-	-	-	-	-	-
116	493	19' White Aluminum	-	-	-	-	-	-	-	-	-	-	-
117	494	Tenon Top Concrete 46' Non-Flood Mount	-	-	-	-	-	-	-	-	-	-	-
118	496	Tenon Top Concrete 30' Non-Flood Mount	-	-	-	-	-	-	-	-	-	-	-
119	497	16' Deco Concrete w/Large Base-Washington	-	-	-	-	-	-	-	-	-	-	-
120	498	Tenon Top Concrete 35' Non-Flood Mount	-	-	-	-	-	-	-	-	-	-	-
121	499	16' Deco Concrete w/Small Base-Vic II	-	-	-	-	-	-	-	-	-	-	-
								$ 11,962					

CUSTOMER OWNED COMPANY MAINTAINED:

FACILITIES CHARGES	-	FIXTURES	$ -
FACILITIES CHARGES	-	POLES	$ -
MAINTENANCE	-	FIXTURES	$ 11,962

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. *Poles should be listed separately from fixtures.* Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE

Line No.		Type of Facility (1)		Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
	Incandescent													
1	110	Roadway	1,000 L	-	32	0.94	3.29	4.23	-	-	-	-	-	-
2	115	Roadway	2,500 L	-	66	1.48	3.33	4.81	-	-	-	-	-	-
3	170	Post Top	2,500 L	-	72	18.69	1.21	19.90	-	-	-	-	-	-
	Mercury Vapor													
4	205	Open Bottom	4,000 L	60	44	2.34	0.93	3.27	196	-	-	-	-	-
5	210	Roadway	4,000 L	36	44	2.70	0.93	3.63	131	-	-	-	-	-
6	*215*	*Post Top*	4,000 L	-	44	3.18	0.93	4.11	-	-	-	-	-	-
7	220	Roadway	8,000 L	540	71	3.06	0.92	3.98	2,149	-	-	-	-	-
8	225	Open Bottom	8,000 L	-	71	2.29	0.93	3.22	-	-	-	-	-	-
9	235	Roadway	21,000 L	1140	158	3.70	0.95	4.65	5,301	-	-	-	-	-
10	240	Roadway	*62,000 L*	-	386	4.85	1.10	5.95	-	-	-	-	-	-
11	245	Flood	21,000 L	276	158	4.85	0.95	5.80	1,601	-	-	-	-	-
12	250	Flood	62,000 L	84	386	5.68	1.10	6.78	570	-	-	-	-	-
	Sodium Vapor - Standard													
13	305	Open Bottom	4,000 L	228	21	2.03	1.28	3.31	755	-	-	-	-	-
14	310	Roadway	4,000 L	1020	21	2.49	1.28	3.77	3,845	-	-	-	-	-
15	313	Open Bottom	6,500 L	-	29	3.81	1.74	5.55	-	-	-	-	-	-
16	314	Open Bottom-Hometown II	9,500 L	-	42	3.72	1.47	5.19	-	-	-	-	-	-
17	315	Post Top - Colonial/Contemp	4,000 L	192	21	3.78	1.28	5.06	972	-	-	-	-	-
18	316	Colonial Post Top	6,500 L	-	34	3.71	1.28	4.99	-	-	-	-	-	-
19	318	Post Top	9,500 L	-	42	1.99	1.28	3.27	-	-	-	-	-	-
20	320	Roadway	9,500 L	8664	42	2.52	1.28	3.80	32,923	-	-	-	-	-
21	321	Deco Post Top - Monticello	9,500 L	48	49	10.89	1.47	12.36	593	-	-	-	-	-
22	322	*Deco Post Top -Flagler*	9,500 L	48	49	14.86	1.47	16.33	784	-	-	-	-	-
23	323	Roadway-Turtle	9,500 L	-	42	3.96	1.47	5.43	-	-	-	-	-	-
24	325	Roadway	16,000 L	6420	65	2.62	1.30	3.92	25,166	-	-	-	-	-
25	326	Deco Post Top - Sanibel	9,500 L	-	49	15.13	1.47	16.60	-	-	-	-	-	-
26	327	Deco Post Top - Sanibel (MH)	*12,000 L*	-	74	15.34	3.07	18.41	-	-	-	-	-	-
27	330	Roadway	22,000 L	3228	87	2.90	1.32	4.22	13,622	-	-	-	-	-
28	335	Roadway	27,500 L	4680	104	2.88	1.32	4.20	19,656	-	-	-	-	-
29	336	Roadway	27,500 L	-	104	6.18	1.32	7.50	-	-	-	-	-	-
30	337	Roadway	*50,000 L*	-	104	4.90	1.32	6.22	-	-	-	-	-	-
31	338	Deco Roadway - Maitland	27,500 L	-	104	8.70	1.47	10.17	-	-	-	-	-	-
32	339	Deco Roadway - Maitland	50,000 L	-	169	9.36	1.47	10.83	-	-	-	-	-	-
33	340	Roadway	50,000 L	3312	169	3.49	1.33	4.82	15,964	-	-	-	-	-
34	341	Flood	16,000 L	-	65	3.72	1.32	5.04	-	-	-	-	-	-
35	342	Interstate	50,000 L	-	168	6.58	1.27	7.85	-	-	-	-	-	-
36	343	Interstate	27,500 L	-	108	6.45	1.22	7.67	-	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues *from charges for* all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended ___/___/___
X Projected Test Year Ended 12/31/02
___Prior Year Ended ___/___/___
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE

Line No.		Type of Facility (1)		Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	$ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	$ Total Revenue (11)	Percent Increase (12)
37	345	Flood	27,500 L	3120	103	3.72	1.32	5.04	15,725	-	-	-	-	-
38	346	Deco Post Top - Ocala II	9,500 L	-	49	8.74	1.47	10.21	-	-	-	-	-	-
39	350	Flood	50,000 L	5964	170	3.89	1.33	5.22	31,132	-	-	-	-	-
40	360	Deco Roadway Rect	9,500 L	252	47	8.68	1.28	9.96	2,510	-	-	-	-	-
41	365	Deco Roadway Rect	27,500 L	2136	108	8.68	1.32	10.00	21,360	-	-	-	-	-
42	366	Deco Roadway Rect	50,000 L	348	168	8.68	1.32	10.00	3,480	-	-	-	-	-
43	370	Deco Roadway Round	27,500 L	-	108	10.68	1.32	12.00	-	-	-	-	-	-
44	371	Deco Roadway Rect (MH)	38,000 L	-	159	11.98	3.08	15.06	-	-	-	-	-	-
45	372	Deco Roadway Round (MH)	38,000 L	-	159	14.32	3.08	17.40	-	-	-	-	-	-
46	375	Deco Roadway Round	50,000 L	-	168	10.69	1.33	12.02	-	-	-	-	-	-
47	380	Deco Post Top - Acorn	9,500 L	864	49	6.09	1.28	7.37	6,368	-	-	-	-	-
48	381	Deco Post Top	9,500 L	-	49	3.71	1.28	4.99	-	-	-	-	-	-
49	383	Deco Post Top - Biscayne	9,500 L	-	49	11.99	1.28	13.27	-	-	-	-	-	-
50	385	Deco Post Top - Salem	9,500 L	240	49	5.74	1.28	7.02	1,685	-	-	-	-	-
51	386	Flood (MH)	110,000 L	240	378	11.86	4.75	16.61	3,986	-	-	-	-	-
52	389	Flood (MH)	110,000 L	564	378	11.92	4.75	16.67	9,402	-	-	-	-	-
53	390	Deco Cube (MH)	38,000 L	-	159	15.04	3.08	18.12	-	-	-	-	-	-
54	393	Deco Post Top	4,000 L	-	21	6.09	1.28	7.37	-	-	-	-	-	-
55	394	Deco Post Top	9,500 L	-	49	14.62	1.40	16.02	-	-	-	-	-	-
56	396	Deco Post Top (Dual MH)	24,000 L	-	148	29.97	6.14	36.11	-	-	-	-	-	-
57	397	Deco Post Top (MH)	12,000 L	-	74	12.85	3.07	15.92	-	-	-	-	-	-
58	398	Deco Cube (MH)	110,000 L	-	378	18.28	4.75	23.03	-	-	-	-	-	-
59	399	Flood (MH)	38,000 L	156	159	9.89	3.08	12.97	2,023	-	-	-	-	-
		Other Facilities												
60	405	Standard Concrete 30/35'		-	-	3.22	-	-	-	-	-	-	-	-
61	406	Deco Concrete - Sanibel		-	-	8.93	-	-	-	-	-	-	-	-
62	407	Deco Concrete - Dual Sanibel		-	-	9.63	-	-	-	-	-	-	-	-
63	408	Aluminum 26' DOT		-	-	38.10	-	-	-	-	-	-	-	-
64	409	Aluminum 36' DOT		-	-	48.25	-	-	-	-	-	-	-	-
65	410	Concrete 15'		-	-	2.12	-	-	-	-	-	-	-	-
66	411	Octagonal 16' Concrete		-	-	2.00	-	-	-	-	-	-	-	-
67	412	Deco 32' Concrete Vic II		-	-	12.22	-	-	-	-	-	-	-	-
68	413	Tenon Top Concrete 25'		-	-	8.93	-	-	-	-	-	-	-	-
69	415	Curved Concrete		-	-	4.37	-	-	-	-	-	-	-	-
70	420	Wood 30/35'		-	-	1.60	-	-	-	-	-	-	-	-
71	425	Wood 14' Laminated		-	-	1.60	-	-	-	-	-	-	-	-
72	428	Deco Fiberglass 35' Bronze Reinf		-	-	17.51	-	-	-	-	-	-	-	-
73	429	Deco Fiberglass 41' Bronze Reinf		-	-	20.07	-	-	-	-	-	-	-	-
74	430	Fiberglass 14' Black		-	-	1.60	-	-	-	-	-	-	-	-
75	431	Deco Fiberglass 41' Bronze		-	-	13.70	-	-	-	-	-	-	-	-
76	432	Deco Fiberglass 35' Bronze Anchor Base		-	-	25.19	-	-	-	-	-	-	-	-
77	433	Deco Fiberglass 35' Bronze		-	-	10.18	-	-	-	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended __/__/__
X Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE

Line No.		Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
78	434	*Deco Fiberglass 20' Black Deco Base*	-	-	11.22	-	-	-	-	-	-	-	-
79	435	Aluminum Type A	-	-	6.04	-	-	-	-	-	-	-	-
80	436	Deco Fiberglass 16' Black Fluted	-	-	17.87	-	-	-	-	-	-	-	-
81	437	Fiberglass 16' Black Fluted, Dual Mount	-	-	20.11	-	-	-	-	-	-	-	-
82	438	Deco Fiberglass 20' Black	-	-	5.36	-	-	-	-	-	-	-	-
83	439	Black Fiberglass 16'	-	-	18.13	-	-	-	-	-	-	-	-
84	440	Aluminum Type B	-	-	6.72	-	-	-	-	-	-	-	-
85	445	Aluminum Type C	-	-	13.13	-	-	-	-	-	-	-	-
86	446	Deco Fiberglass 30' Bronze	-	-	10.60	-	-	-	-	-	-	-	-
87	447	Deco Fiberglass 35' Silver Anchor Base	-	-	19.61	-	-	-	-	-	-	-	-
88	448	Deco Fiberglass 41' Silver	-	-	16.50	-	-	-	-	-	-	-	-
89	449	Deco Fiberglass 16' Black Fluted Anchor Base	-	-	15.90	-	-	-	-	-	-	-	-
90	450	Concrete - 1/2 Special	-	-	1.60	-	-	-	-	-	-	-	-
91	455	Steel Type A	-	-	3.77	-	-	-	-	-	-	-	-
92	460	Steel Type B	-	-	4.04	-	-	-	-	-	-	-	-
93	465	Steel Type C	-	-	5.65	-	-	-	-	-	-	-	-
94	466	16' Deco Conc-Vic Dual Mount	-	-	13.79	-	-	-	-	-	-	-	-
95	467	16' Deco Conc-Washington Dual Mount	-	-	20.73	-	-	-	-	-	-	-	-
96	468	16' Deco Concrete - Colonial Dual Mount	-	-	10.19	-	-	-	-	-	-	-	-
97	469	*35' Tenon Top Quad Flood Mount*	-	-	12.23	-	-	-	-	-	-	-	-
98	471	22' Black Deco Concrete	-	-	10.45	-	-	-	-	-	-	-	-
99	476	25' Tenon Top Bronze Concrete	-	-	13.21	-	-	-	-	-	-	-	-
100	477	30' Tenon Top Bronze Concrete	-	-	14.52	-	-	-	-	-	-	-	-
101	478	35' Tenon Top Bronze Concrete	-	-	16.06	-	-	-	-	-	-	-	-
102	479	41' Tenon Top Bronze Concrete	-	-	18.54	-	-	-	-	-	-	-	-
103	480	Wood 40/45'	-	-	3.57	-	-	-	-	-	-	-	-
104	481	Tenon Style Concrete 30' Single Flood Mount	-	-	7.76	-	-	-	-	-	-	-	-
105	482	Tenon Style Concrete 30' Double Flood Mount	-	-	10.77	-	-	-	-	-	-	-	-
106	483	Tenon Style Concrete 46' Triple Flood Mount	-	-	14.96	-	-	-	-	-	-	-	-
107	484	Tenon Style Concrete 46' Double Flood Mount	-	-	14.70	-	-	-	-	-	-	-	-
108	485	Standard Concrete 40/45'	-	-	8.82	-	-	-	-	-	-	-	-
109	486	Tenon Style Concrete 46' Single Flood Mount	-	-	11.69	-	-	-	-	-	-	-	-
110	487	Tenon Style Concrete 35' Triple Flood Mount	-	-	12.08	-	-	-	-	-	-	-	-
111	488	Tenon Style Concrete 35' Double Flood Mount	-	-	11.81	-	-	-	-	-	-	-	-
112	489	Tenon Style Concrete 35' Single Flood Mount	-	-	8.80	-	-	-	-	-	-	-	-
113	490	Special Concrete 13'	-	-	13.49	-	-	-	-	-	-	-	-
114	491	Tenon Style Concrete 30' Triple Flood Mount	-	-	11.04	-	-	-	-	-	-	-	-
115	492	16' Smooth Deco Concrete - Colonial	-	-	6.38	-	-	-	-	-	-	-	-
116	493	*19' White Aluminum*	-	-	23.71	-	-	-	-	-	-	-	-
117	494	Tenon Top Concrete 46' Non-Flood Mount	-	-	12.68	-	-	-	-	-	-	-	-
118	496	Tenon Top Concrete 30' Non-Flood Mount	-	-	9.81	-	-	-	-	-	-	-	-
119	497	16' Deco Concrete w/Large Base-Washington	-	-	16.92	-	-	-	-	-	-	-	-
120	498	Tenon Top Concrete 35' Non-Flood Mount	-	-	10.26	-	-	-	-	-	-	-	-
121	499	*16' Deco Concrete w/Small Base-Vic II*	-	-	9.98	-	-	-	-	-	-	-	-

SCHEDULE 16-d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Calculate revenue under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities as well as those who do not. Annual KWH's must agree with the data provided in Schedule E-16c.

Type of Data Shown:
___Historical Test Year Ended ___/___/___
X Projected Test Year Ended 12/31/02
___Prior Year Ended ___/___/___
Witness: Slusser

CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1
COMPANY OWNED AND MAINTAINED
CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE

Line No.	Type of Facility (1)	Annual Billing Units (2)	Est. Monthly KWH (3)	Present Rates $ Facility Charge (4)	Present Rates $ Maint. Charge (5)	Present Rates $ Total Monthly Charge (6)	Present Rates $ Total Revenue (7)	Proposed Rates $ Facility Charge (8)	Proposed Rates $ Maint. Charge (9)	Proposed Rates $ Total Monthly Charge (10)	Proposed Rates $ Total Revenue (11)	Percent Increase (12)
							$ 221,899					
	COMPANY OWNED AND MAINTAINED: CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE:											
	FACILITIES CHARGES - FIXTURES						$ 162,247					
	FACILITIES CHARGES - POLES						$ -					
	MAINTENANCE - FIXTURES						$ 59,652					
	TOTAL ALL						$ 32,227,600					
	FACILITIES CHARGES - FIXTURES						$ 15,777,754					
	FACILITIES CHARGES - POLES						$ 10,298,747					
	MAINTENANCE - FIXTURES						$ 6,151,099					

SCHEDULE E-18a

BILLING DETERMINANTS - NUMBER OF BILLS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide by rate schedule the number of customers and bills by month for the test year. Also provide by rate schedule the (1) bills and customers for the three years prior to the test year, (2) the percentage increase from the prior year to the test year, and (3) the average annual compound growth rate for the three historic years. Footnote and detail migration between the rate classes. Explain any differences between number of customers and number of bills for any rate schedule. The billing determinants for the test year must agree with those shown in Schedule E-17c, E-17d, E-8a, and E-12, where applicable. The average number of customers by rate schedule must also be in agreement with the numbers used in the cost of service study allocator of number of customers (unweighted).

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X_*Projected Test Year Ended 12/31/02*
_X_Prior Year Ended 12/31/00
Witness: *Slusser*

2002 Billing Determinants - Number of Bills by Rate Schedule

	RS-1	GS-1	GS-2	GSD	CS	IS	LS	SS-1	SS-2	SS-3	Total Retail
1999 Total Lines of Billing	14,536,854	1,213,708	112,631	534,523	85	1,616	668,755	97	45	12	17,068,324
Average Lines of Billing	1,211,404	101,142	9,386	44,544	7	135	55,730	8	4	1	1,422,360
2000 Total Lines of Billing	14,735,905	1,214,550	119,196	552,192	79	1,663	680,592	105	40	13	17,304,335
Average Lines of Billing	1,227,992	101,213	9,933	46,016	7	139	56,716	9	3	1	1,442,028
2001 Total Lines of Billing (5 mos. Actual)	15,235,226	1,242,725	122,990	568,495	83	1,724	694,106	102	50	12	17,865,512
Average Lines of Billing	1,269,602	103,560	10,249	47,375	7	144	57,842	9	4	1	1,488,793
2002 Total Lines of Billing											
Jan	1,294,904	104,569	10,298	47,530	7	143	58,484	10	4	1	1,515,950
Feb	1,299,546	104,652	10,311	47,564	7	143	58,577	10	4	1	1,520,815
Mar	1,301,222	104,881	10,333	47,667	7	143	58,670	10	4	1	1,522,938
Apr	1,295,748	104,931	10,341	47,688	7	143	58,665	10	4	1	1,517,537
May	1,287,888	105,212	10,369	47,815	7	143	58,685	10	4	1	1,510,134
Jun	1,285,353	105,261	10,377	47,836	7	144	58,706	10	4	1	1,507,699
Jul	1,285,303	105,362	10,390	47,881	7	144	58,758	10	4	1	1,507,861
Aug	1,286,452	105,432	10,399	47,911	7	144	58,820	10	4	1	1,509,180
Sep	1,288,239	105,503	10,409	47,942	7	144	58,887	10	4	1	1,511,146
Oct	1,292,304	105,661	10,427	48,010	7	144	58,991	10	4	1	1,515,558
Nov	1,300,979	105,834	10,446	48,088	7	144	59,141	10	4	1	1,524,653
Dec	1,308,126	106,045	10,467	48,184	7	144	59,286	10	4	1	1,532,274
Total 2002 Lines of Billing	15,526,065	1,263,343	124,567	574,116	84	1,723	705,669	120	48	12	18,195,747
Average Lines of Billing	1,293,839	105,279	10,381	47,843	7	144	58,806	10	4	1	1,516,312
Percent Increase 2002 / 2001	1.91%	1.66%	1.28%	0.99%	1.20%	-0.06%	1.67%	17.65%	-4.00%	0.00%	1.85%
Average Annual Compound Growth Rate 1999 / 2001	2.37%	1.19%	4.50%	3.13%	-1.18%	3.29%	1.88%	2.54%	5.41%	0.00%	2.31%

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide by rate schedule the number of customers and bills by month for the test year. Also provide by rate schedule the (1) bills and customers for the three years prior to the test year, (2) the percentage increase from the prior year to the test year, and (3) the average annual compound growth rate for the three historic years. Footnote and detail migration between the rate classes. Explain any differences between number of customers and number of bills for any rate schedule. The billing determinants for the test year must agree with those shown in Schedule E-17c, E-17d, E-8a, and E-12, where applicable. The average number of customers by rate schedule must also be in agreement with the numbers used in the cost of service study allocator of number of customers (unweighted).

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X_Projected Test Year Ended 12/31/02
_X_Prior Year Ended 12/31/00
Witness: Slusser

2002 Billing Determinants - Number of Customers by Rate Schedule

	RS-1	GS-1	GS-2	GSD	CS	IS	LS	SS-1	SS-2	SS-3	Total Retail
1999 Total Customers	14,535,539	1,208,543	112,609	530,900	85	1,616	129,260	97	45	12	16,518,706
Average Customers	1,211,295	100,712	9,384	44,242	7	135	10,772	8	4	1	1,376,559
2000 Total Customers	14,734,572	1,209,382	119,173	548,450	79	1,663	131,548	105	40	13	16,745,025
Average Customers	1,227,881	100,782	9,931	45,704	7	139	10,962	9	3	1	1,395,419
2001 Total Customers (5 mos. Actual)	15,233,848	1,237,437	122,966	564,642	83	1,724	134,160	102	50	12	17,295,024
Average Customers	1,269,487	103,120	10,247	47,054	7	144	11,180	9	4	1	1,441,252
2002 Total Customers											
Jan	1,294,787	104,124	10,296	47,208	7	143	11,304	10	4	1	1,467,884
Feb	1,299,428	104,207	10,309	47,242	7	143	11,322	10	4	1	1,472,673
Mar	1,301,104	104,435	10,331	47,344	7	143	11,340	10	4	1	1,474,719
Apr	1,295,631	104,484	10,339	47,365	7	143	11,339	10	4	1	1,469,323
May	1,287,772	104,764	10,367	47,491	7	143	11,343	10	4	1	1,461,902
Jun	1,285,237	104,813	10,375	47,512	7	144	11,347	10	4	1	1,459,450
Jul	1,285,187	104,914	10,388	47,557	7	144	11,357	10	4	1	1,459,569
Aug	1,286,336	104,983	10,397	47,587	7	144	11,369	10	4	1	1,460,838
Sep	1,288,123	105,054	10,407	47,617	7	144	11,382	10	4	1	1,462,749
Oct	1,292,187	105,211	10,425	47,685	7	144	11,402	10	4	1	1,467,076
Nov	1,300,861	105,384	10,444	47,762	7	144	11,431	10	4	1	1,476,048
Dec	1,308,008	105,594	10,465	47,855	7	144	11,459	10	4	1	1,483,547
Total 2002 Customers	15,524,661	1,257,967	124,543	570,225	84	1,723	136,395	120	48	12	17,615,778
Average Customers	1,293,722	104,831	10,379	47,519	7	144	11,366	10	4	1	1,467,982
Percent Increase 2002 / 2001	1.91%	1.66%	1.28%	0.99%	1.20%	-0.06%	1.67%	17.65%	-4.00%	0.00%	1.85%
Average Annual Compound Growth Rate 1999 / 2001	2.37%	1.19%	4.50%	3.13%	-1.18%	3.29%	1.88%	2.54%	5.41%	0.00%	2.32%

Supporting Schedules:

Recap Schedules:

SCHEDULE E-18b

BILLING DETERMINANTS - KW DEMAND

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide by rate schedule the billed and measured KW, where applicable, by month for the test year. Also, provide by rate schedule (1) the actual and billed KW for the three years prior to the test year, (2) the percentage increase from the prior year to the test year, and (3) the average annual compound growth rate for the three historical years. Footnote and detail migration between rate classes. Explain any differences between actual and billed demand. The billing determinants for the test year must agree with those shown in Schedules E-16c, E-8a, and E-12, where applicable.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/01
___Prior Year Ended __/__/__
Witness: Slusser

2002 Billing Determinants - KW Sales by Rate Schedule

	GSD	CS	IS	SS-1	SS-2	SS-3
1999 KW	32,360,181	353,664	5,839,651	315,812	1,070,574	135,902
2000 KW	34,064,742	363,682	5,839,651	334,960	932,958	151,567
2001 KW	34,950,635	366,764	5,370,218	361,092	1,012,413	128,293
2002 KW						
Jan	2,693,531	29,414	433,051	27,012	79,897	12,381
Feb	2,554,337	27,184	391,655	25,560	72,567	11,217
Mar	2,625,848	29,505	433,408	26,489	79,993	12,381
Apr	2,724,548	29,312	427,313	27,303	78,671	12,169
May	2,884,484	29,936	434,294	28,755	79,557	12,275
Jun	3,306,400	33,192	483,284	32,821	87,464	13,544
Jul	3,283,259	31,409	452,262	32,298	81,955	12,698
Aug	3,435,880	32,627	470,928	33,809	84,998	13,121
Sep	3,518,542	33,908	489,805	34,680	88,123	13,650
Oct	3,241,343	32,066	463,221	32,066	83,944	12,910
Nov	2,991,739	31,409	458,603	29,917	83,713	12,910
Dec	2,885,823	30,921	452,045	28,871	82,768	12,804
Total 2002 KW	36,145,734	370,881	5,389,869	359,580	983,650	152,058
Percent Increase 2002 / 20	3.42%	1.12%	0.37%	-0.42%	-2.84%	18.52%
Average Annual Compound Growth Rate 1999 / 2001	3.93%	1.84%	-4.10%	6.93%	-2.75%	-2.84%

Supporting Schedules:

Recap Schedules:

SCHEDULE E-18b BILLING DETERMINANTS - KW DEMAND

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide by rate schedule the billed and measured KW, where applicable, by month for the test year. Also, provide by rate schedule (1) the actual and billed KW for the three years prior to the test year, (2) the percentage increase from the prior year to the test year, and (3) the average annual compound growth rate for the three historical years. Footnote and detail migration between rate classes. Explain any differences between actual and billed demand. The billing determinants for the test year must agree with those shown in Schedules E-16c, E-8a, and E-12, where applicable.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

2002 Billing Determinants - KW Sales by Rate Schedule

Rate Schedule	Maximum KW Transmission	Maximum KW Primary	Maximum KW Secondary	Maximum KW Total	Effective KW Transmission	Effective KW Primary	Effective KW Secondary	Effective KW Total
GSD-1	11,661	5,511,813	30,622,260	36,145,734	11,428	5,456,695	30,622,260	36,090,383
CS-1, CS-2	-	369,414	1,467	370,881	-	365,720	1,467	367,187
IS-1, IS-2	1,156,784	4,003,741	229,344	5,389,869	1,133,648	3,963,704	229,344	5,326,696
SS-1	349,078	10,502	-	359,580	342,096	10,397	-	352,493
SS-2	644,178	339,472	-	983,650	631,294	336,077	-	967,371
SS-3	-	152,058	-	152,058	-	150,537	-	150,537

SCHEDULE E-18c

BILLING DETERMINANTS - MWH SALES

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide by rate schedule the MWH sales by month for the test year. Also, provide by rate schedule the (1) MWH sales for the three years prior to the test year, (2) the percentage increase from the prior year to the test year, and (3) the average annual compound growth rate for the three historic years. Footnote and detail migration between rate classes. The billing determinants for the test year must agree with those shown in Schedules E-16c, E-16d, E-8a, and E-12, where applicable. The MWH sales by rate schedule for the test year must be in agreement with the numbers in the MWH sales allocator in the cost of service study.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/01
___Prior Year Ended __/__/__
Witness: Slusser

2002 Billing Determinants - MWH's Sales by Rate Schedule

	RS-1	GS-1	GS-2	GSD	CS	IS	LS	SS-1	SS-2	SS-3	Total Retail
1999 Total MWH	16,993,348	1,132,459	66,313	12,830,308	173,371	2,572,902	243,680	6,737	193,560	789	34,213,467
KWH/Line of Billing	1,169	933	589	24,003	2,039,659	1,592,142	364	69,454	4,301,333	65,750	2,005
2000 Total MWH	17,091,252	1,103,288	71,497	13,506,140	178,282	2,399,883	258,454	5,871	215,870	1,428	34,831,965
KWH/Line of Billing	1,160	908	600	24,459	2,256,734	1,443,105	380	55,914	5,396,750	109,846	2,013
2001 Total MWH(5mos. Actual)	18,243,444	1,166,994	75,990	13,857,383	179,793	2,206,963	278,618	6,371	182,723	2,572	36,200,851
KWH/Line of Billing	1,197	939	618	24,376	2,166,181	1,280,141	401	62,461	3,654,460	214,333	2,026
2002 Total MWH											
Jan	1,522,921	87,122	5,620	1,067,943	14,419	177,968	20,587	465	17,591	117	2,914,753
Feb	1,454,166	82,300	5,424	1,012,755	13,326	160,956	20,243	440	15,977	106	2,765,693
Mar	1,289,679	83,996	5,519	1,041,108	14,464	178,115	20,312	456	17,612	117	2,651,378
Apr	1,234,041	87,792	5,757	1,080,241	14,369	175,610	20,876	470	17,321	115	2,636,592
May	1,277,449	93,407	6,129	1,143,653	14,675	178,479	21,996	495	17,516	116	2,753,915
Jun	1,693,301	107,629	7,051	1,310,936	16,271	198,612	25,194	565	19,257	128	3,378,944
Jul	1,841,237	107,834	7,015	1,301,761	15,397	185,863	25,117	556	18,044	120	3,502,944
Aug	1,968,404	113,000	7,343	1,362,273	15,994	193,534	26,215	582	18,714	124	3,706,183
Sep	1,980,519	115,019	7,562	1,395,047	16,622	201,292	27,112	597	19,402	129	3,763,301
Oct	1,687,387	105,554	6,945	1,285,142	15,719	190,367	24,973	552	18,482	122	3,335,243
Nov	1,325,571	96,701	6,349	1,186,178	15,397	188,469	22,752	515	18,431	122	2,860,485
Dec	1,361,527	93,013	6,106	1,144,184	15,158	185,774	22,074	497	18,223	121	2,846,677
Total 2002 MWH	18,636,202	1,173,367	76,820	14,331,221	181,811	2,215,039	277,451	6,190	216,570	1,437	37,116,108
KWH/Line of Billing	1,200	929	617	24,962	2,164,417	1,285,571	393	51,583	4,511,875	119,750	2,040
Percent Increase 2002 / 2001	2.15%	0.55%	1.09%	3.42%	1.12%	0.37%	-0.42%	-2.84%	18.52%	-44.13%	2.53%
Average Annual Compound Growth Rate 1999 / 2001	3.61%	1.51%	7.05%	3.93%	1.84%	-7.38%	6.93%	-2.75%	-2.84%	80.55%	2.86%

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide by rate schedule the MWH sales by month for the test year. Also, provide by rate schedule the (1) MWH sales for the three years prior to the test year, (2) the percentage increase from the prior year to the test year, and (3) the average annual compound growth rate for the three historic years. Footnote and detail migration between rate classes. The billing determinants for the test year must agree with those shown in Schedules E-16c, E-16d, E-8a, and E-12, where applicable. The MWH sales by rate schedule for the test year must be in agreement with the numbers in the MWH sales allocator in the cost of service study.

Type of Data Shown:

___Historical Test Year Ended __/__/__

__X__Projected Test Year Ended 12/31/01

___Prior Year Ended __/__/__

Witness: Slusser

2002 Billing Determinants - MWH's Sales by Rate Schedule

Rate Schedule	MWH Sales				Effective MWH Sales			
	Transmission	Primary	Secondary	Total	Transmission	Primary	Secondary	Total
RS-1	-	-	18,636,202	18,636,202	-	-	18,636,202	18,636,202
GS-1	3,183	6,685	1,163,499	1,173,367	3,119	6,618	1,163,499	1,173,236
GS-2	-	-	76,820	76,820	-	-	76,820	76,820
GSD-1	6,865	2,741,577	11,582,779	14,331,221	6,727	2,714,161	11,582,779	14,303,667
CS-1, CS-2	-	181,162	649	181,811	-	179,351	649	180,000
IS-1, IS-2	449,343	1,672,975	92,722	2,215,039	440,356	1,656,245	92,722	2,189,323
SS-1	5,685	505	-	6,190	5,572	500	-	6,072
SS-2	143,765	72,805	-	216,570	140,890	72,077	-	212,967
SS-3	-	1,437	-	1,437	-	1,423	-	1,423
LS-1	-	-	277,451	277,451	-	-	277,451	277,451
Total	608,841	4,677,145	31,830,121	37,116,108	596,664	4,630,375	31,830,121	37,057,160

FLORIDA POWER CORPORATION
SUMMARY OF CLASS ANNUAL MWH REQUIREMENTS
PROJECTED TWELVE MONTHS ENDING DECEMBER 31, 2002

	(1)	(2)	(3)
	METER LEVEL MWH		
RATE CLASS	(From E16c) SALES	(From E15) UNBILLED	TOTAL
I. RETAIL			
A. RESIDENTIAL-RS	18,636,202	26,882	18,663,084
B. GEN SERVICE ND-GS			
1. TRANSMISSION	3,183	5	3,188
2. PRIMARY	6,685	10	6,695
3. SECONDARY	1,163,499	1,678	1,165,177
TOTAL GS	1,173,367	1,693	1,175,060
C. GS-2 100% LF	76,820	111	76,931
D. GEN SERVICE DEMAND-GSD			
1. TRANSMISSION	6,865	10	6,875
2. PRIMARY	2,709,246	3,908	2,713,154
3. SECND DEL - PRIM MTR	32,331	47	32,378
4. SECONDARY	11,582,779	16,707	11,599,486
TOTAL GSD	14,331,221	20,672	14,351,893
E. CURTAILABLE SERVICE-CS			
1. TRANSMISSION	0	0	0
2. PRIMARY	181,162	261	181,423
3. SECONDARY	649	1	650
TOTAL CS	181,811	262	182,073
F. INTERRUPTIBLE SERVICE-IS			
1. TRANS DEL - TRANS MTR	447,653	646	448,299
2. TRANS DEL - PRIM MTR	48,983	71	49,054
3. PRIM DEL - TRANS MTR	1,690	2	1,692
4. PRIM DEL - PRIM MTR	1,619,291	2,336	1,621,627
5. SECND DEL - PRIM MTR	4,700	7	4,707
6. SECND DEL - SECND MTR	92,722	134	92,856
TOTAL IS	2,215,039	3,196	2,218,235
G. STANDBY SERVICE-SS-1			
1. Transmission	5,685	8	5,693
2. Primary	505	1	506
2. Secondary	0	0	0
TOTAL SS-1	6,190	9	6,199
H. STANDBY SERVICE-SS-2			
1. Transmission	143,765	207	143,972
2. Primary	72,805	105	72,910
3. Secondary	0	0	0
TOTAL SS-2	216,570	312	216,882
I. STANDBY SERVICE-SS-3			
1. Transmission	0	0	0
2. Primary	1,437	2	1,439
TOTAL SS-3	1,437	2	1,439
J. LIGHTING-OL & SL	277,451	400	277,851
TOTAL RETAIL	37,116,108	53,539	37,169,647

FLORIDA POWER CORPORATION
SUMMARY OF RETAIL CLASSES EFFECTIVE SALES BY FUNCTION
PROJECTED TWELVE MONTHS ENDING DECEMBER 31, 2002

RATE CLASS	(1) METER LEVEL MWH SALES INCLUDING UNBILLED SALES	(2) ENERGY & PROD. CAPACITY MWH, MWH 1 & MWH 5 EFFECTIVE SALES	(3) TRANSMISSION CAPACITY MWH 2 EFFECTIVE SALES	(4) DISTRIBUTION PRIMARY MWH 3 EFFECTIVE SALES	(5) DISTRIBUTION SECONDARY MWH 4 EFFECTIVE SALES
I. RETAIL					
A. RESIDENTIAL-RS	18,663,084	18,663,084	18,663,084	18,663,084	18,663,084
B. GEN SERVICE ND-GS					
1. TRANSMISSION	3,188	3,124	3,124	0	0
2. PRIMARY	6,695	6,628	6,628	6,628	0
3. SECONDARY	1,165,177	1,165,177	1,165,177	1,165,177	1,165,177
TOTAL GS	1,175,060	1,174,929	1,174,929	1,171,805	1,165,177
C. GS-2 100% LF	76,931	76,931	76,931	76,931	76,931
D. GEN SERVICE DEMAND-GSD					
1. TRANSMISSION	6,875	6,737	6,737	0	0
2. PRIMARY	2,713,154	2,686,022	2,686,022	2,686,022	0
3. SECND DEL - PRIM MTR	32,378	32,054	32,054	32,054	32,054
4. SECONDARY	11,599,486	11,599,486	11,599,486	11,599,486	11,599,486
TOTAL GSD	14,351,893	14,324,300	14,324,300	14,317,563	11,631,541
E. CURTAILABLE SERVICE-CS					
1. TRANSMISSION	0	0	0	0	0
2. PRIMARY	181,423	179,609	179,609	179,609	0
3. SECONDARY	650	650	650	650	650
TOTAL CS	182,073	180,259	180,259	180,259	650
F. INTERRUPTIBLE SERVICE-IS					
1. TRANS DEL - TRANS MTR	448,299	439,333	439,333	0	0
2. TRANS DEL - PRIM MTR	49,054	48,564	48,564	0	0
3. PRIM DEL - TRANS MTR	1,692	1,658	1,658	1,658	0
4. PRIM DEL - PRIM MTR	1,621,627	1,605,411	1,605,411	1,605,411	0
5. SECND DEL - PRIM MTR	4,707	4,660	4,660	4,660	4,660
6. SECND DEL - SECND MTR	92,856	92,856	92,856	92,856	92,856
TOTAL IS	2,218,235	2,192,481	2,192,481	1,704,585	97,516
G. STANDBY SERVICE-SS-1					
1. Transmission	5,693	5,580	5,580	0	0
2. Primary	506	501	501	501	0
2. Secondary	0	0	0	0	0
TOTAL SS-1	6,199	6,080	6,080	501	0
H. STANDBY SERVICE-SS-2					
1. Transmission	143,972	141,093	141,093	0	0
2. Primary	72,910	71,452	71,452	71,452	0
3. Secondary	0	0	0	0	0
TOTAL SS-2	216,882	212,544	212,544	71,452	0
I. STANDBY SERVICE-SS-3					
1. Transmission	0	0	0	0	0
2. Primary	1,439	1,425	1,425	1,425	0
TOTAL SS-3	1,439	1,425	1,425	1,425	0
J. LIGHTING-OL & SL	277,851	277,851	277,851	277,851	277,851
TOTAL RETAIL	37,169,647	37,109,885	37,109,885	36,465,454	31,912,749

SCHEDULE E-18d | PROJECTED BILLING DETERMINATES - DERIVATION | Page 1 of 8

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO. 000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:
___Historical Test Year Ended __/__/__
_X_Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

BILLING DETERMINANTS - 2002 CUSTOMER FORECAST

METHOD OF DEVELOPING CUSTOMERS BY RATE SCHEDULE

Projections of customers by revenue class are made by Load forecasting. The Revenue Class Forecast for Budget Purposes is then allocated to major rate schedule classifications by a sales program matrix approach. The program uses historic calendar year 2000 relationships between revenue classes and major rate schedule classifications as a basis for development of a matrix for major rate schedule allocations.

The 2002 Customer Forecast and adjustments were made for rate case purposes. These adjustments include:

(1) Customers were added to reflect Lines of Billing for appropriate revenue calculations and customer cost allocation based on 12 months ending December, 2000 relationships. The difference between customers and number of bills is as follows:
   (a) For RS-1, GS-1, and GSD-1 eliminating special rates (water heating, cooking, etc.) created customers with separate services and two meters producing a difference.
   (b) For GS-2 and LS-1 the recapping of bills for municipals and others produce a difference.

The Pricing area then took these AS-Adjusted Customers by major rate schedule classification and developed billing determinants by rate schedule based on historical relationships existing for the 12 months ending December, 2000.

SCHEDULE E-18d PROJECTED BILLING DETERMINATES - DERIVATION Page 2 of 8

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

BILLING DETERMINANTS - 2002 CUSTOMER FORECAST

Rate Class	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CS	7	7	7	7	7	7	7	7	7	7	7	7	84
GS	104,124	104,207	104,435	104,484	104,764	104,813	104,914	104,983	105,054	105,211	105,384	105,594	1,257,967
GS 100%LF	10,296	10,309	10,331	10,339	10,367	10,375	10,388	10,397	10,407	10,425	10,444	10,465	124,543
GSD	47,208	47,242	47,344	47,365	47,491	47,512	47,557	47,587	47,617	47,685	47,762	47,855	570,225
IS	143	143	143	143	143	144	144	144	144	144	144	144	1,723
LS	11,304	11,322	11,340	11,339	11,343	11,347	11,357	11,369	11,382	11,402	11,431	11,459	136,395
RS	873,074	880,257	886,947	886,487	883,641	883,648	886,140	889,832	894,161	900,767	909,876	917,457	10,692,287
RSLM	421,713	419,171	414,157	409,144	404,131	401,589	399,047	396,504	393,962	391,420	390,985	390,551	4,832,374
Tot RS	1,294,787	1,299,428	1,301,104	1,295,631	1,287,772	1,285,237	1,285,187	1,286,336	1,288,123	1,292,187	1,300,861	1,308,008	15,524,661
SS Curt	1	1	1	1	1	1	1	1	1	1	1	1	12
SS Firm	10	10	10	10	10	10	10	10	10	10	10	10	120
SS Interupt	4	4	4	4	4	4	4	4	4	4	4	4	48
Total Customers	**1,467,884**	**1,472,673**	**1,474,719**	**1,469,323**	**1,461,902**	**1,459,450**	**1,459,569**	**1,460,838**	**1,462,749**	**1,467,076**	**1,476,048**	**1,483,547**	**17,615,778**

Supporting Schedules: Recap Schedules:

SCHEDULE E-18d

PROJECTED BILLING DETERMIANTS - DERIVATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.:000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

BILLING DETERMINANTS - 2002 CUSTOMER FORECAST

	Total Forecast	Ajustment Lines of Billing	Total As Adjusted
CS	84	-	84
GS	1,257,967	5,376	1,263,343
GS 100%LF	124,543	24	124,567
GSD	570,225	3,888	574,116
IS	1,723	-	1,723
LS	136,395	569,274	705,669
RS	10,692,287		
RSLM	4,832,374		
Tot RS	15,524,661	1,404	15,526,065
SS Curt	12	-	12
SS Firm	120	-	120
SS Interupt	48	-	48
Total Customers	17,615,778	579,966	18,195,747

Supporting Schedules:

SCHEDULE E-18d

PROJECTED BILLING DETERMIANTS - DERIVATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:

___Historical Test Year Ended __/__/__

__X__Projected Test Year Ended 12/31/02

___Prior Year Ended __/__/__

Witness: Slusser

BILLING DETERMINANTS - 2002 CUSTOMER FORECAST

Adjusted for Lines of Billing

Rate Class	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CS	7	7	7	7	7	7	7	7	7	7	7	7	84
GS	104,569	104,652	104,881	104,931	105,212	105,261	105,362	105,432	105,503	105,661	105,834	106,045	1,263,343
GS 100%LF	10,298	10,311	10,333	10,341	10,369	10,377	10,390	10,399	10,409	10,427	10,446	10,467	124,567
GSD	47,530	47,564	47,667	47,688	47,815	47,836	47,881	47,911	47,942	48,010	48,088	48,184	574,116
IS	143	143	143	143	143	144	144	144	144	144	144	144	1,723
LS	58,484	58,577	58,670	58,665	58,685	58,706	58,758	58,820	58,887	58,991	59,141	59,286	705,669
RS	873,074	880,257	886,947	886,487	883,641	883,648	886,140	889,832	894,161	900,767	909,876	917,457	10,692,287
RSLM	421,713	419,171	414,157	409,144	404,131	401,589	399,047	396,504	393,962	391,420	390,985	390,551	4,832,374
Tot RS	1,294,904	1,299,546	1,301,222	1,295,748	1,287,888	1,285,353	1,285,303	1,286,452	1,288,239	1,292,304	1,300,979	1,308,126	15,526,065
SS Curt	1	1	1	1	1	1	1	1	1	1	1	1	12
SS Firm	10	10	10	10	10	10	10	10	10	10	10	10	120
SS Interupt	4	4	4	4	4	4	4	4	4	4	4	4	48
Total Customers	**1,515,833**	**1,520,697**	**1,522,820**	**1,517,420**	**1,510,018**	**1,507,583**	**1,507,745**	**1,509,064**	**1,511,030**	**1,515,441**	**1,524,536**	**1,532,156**	**18,195,747**

Supporting Schedules:

Recap Schedules:

SCHEDULE E-18d | PROJECTED BILLING DETERMINATES - DERIVATION | Page 5 of 8

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

BILLING DETERMINANTS - 2002 MWH SALES FORECAST

METHOD OF DEVELOPING MWH SALES BY RATE SCHEDULE

Projections of MWH sales by revenue class are made by Load forecasting. The Revenue Class Forecast for Budget Purposes is then allocated to major rate schedule classifications by a sales program matrix approach. The program uses historic calendar year 2000 relationships between revenue classes and major rate schedule classifications as a basis for development of a matrix for major rate schedule allocations.

The Pricing area then took these AS-Adjusted Customers by major rate schedule classification and developed billing determinants by rate schedule based on historical relationships existing for the 12 months ending December, 2000.

SCHEDULE E-18d

PROJECTED BILLING DETERMIANTS - DERIVATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.:000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

BILLING DETERMINANTS - 2002 MWH FORECAST

Rate Class		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CS	MWH	14,419	13,326	14,464	14,369	14,675	16,271	15,397	15,994	16,622	15,719	15,397	15,158	181,811
GS	MWH	87,122	82,300	83,996	87,792	93,407	107,629	107,834	113,000	115,019	105,554	96,701	93,013	1,173,367
GS 100%LF	MWH	5,620	5,424	5,519	5,757	6,129	7,051	7,015	7,343	7,562	6,945	6,349	6,106	76,820
GSD	MWH	1,067,943	1,012,755	1,041,108	1,080,241	1,143,653	1,310,936	1,301,761	1,362,273	1,395,047	1,285,142	1,186,178	1,144,184	14,331,221
IS	MWH	177968	160956	178115	175610	178479	198612	185863	193534	201292	190367	188469	185774	2,215,039
LS	MWH	20,587	20,243	20,312	20,876	21,996	25,194	25,117	26,215	27,112	24,973	22,752	22,074	277,451
RS	MWH	1,058,145	1,010,372	896,076	857,396	887,545	1,176,469	1,279,244	1,367,598	1,376,015	1,172,354	920,991	945,984	12,948,189
RSLM	MWH	464,776	443,794	393,603	376,645	389,904	516,832	561,993	600,806	604,504	515,033	404,580	415,543	5,688,013
Total RS		1,522,921	1,454,166	1,289,679	1,234,041	1,277,449	1,693,301	1,841,237	1,968,404	1,980,519	1,687,387	1,325,571	1,361,527	18,636,202
SS Curt	MWH	117	106	117	115	116	128	120	124	129	122	122	121	1,437
SS Firm	MWH	465	440	456	470	495	565	556	582	597	552	515	497	6,190
SS Interupt	MWH	17591	15977	17612	17321	17516	19257	18044	18714	19402	18482	18431	18223	216,570
	Total MWH	**2,914,753**	**2,765,693**	**2,651,378**	**2,638,592**	**2,753,915**	**3,378,944**	**3,502,944**	**3,706,183**	**3,763,301**	**3,335,243**	**2,880,485**	**2,846,877**	**37,118,108**

SCHEDULE E-18d | PROJECTED BILLING DETERMINATES - DERIVATION | Page 7 of 8

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

BILLING DETERMINANTS - 2002 KW DEMAND FORECAST

METHOD OF DEVELOPING KW DEMANDS BY RATE SCHEDULE

Billed kw demands by rate schedule for the test period were developed using historical relationships existing of the 12 months ended December, 2000. These relationships (MWH per KW) were applied to MWH sales by rate schedule.

The curtailable KW demands under rate schedule CS-1 & CS-2 were developed using the ratios of curtailable KW demand to billing KW demand for the 12 months ending December, 2000.

SCHEDULE E-18d

PROJECTED BILLING DETERMIANTS - DERIVATION

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Trace how the billing determinants in Schedules E-18a, E-18b, and E-18c were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

BILLING DETERMINANTS - 2002 KW DEMAND FORECAST

Rate Class		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CS	KW	29,414	27,184	29,505	29,312	29,936	33,192	31,409	32,627	33,908	32,066	31,409	30,921	370,881
GSD	KW	2,693,531	2,554,337	2,625,848	2,724,548	2,884,484	3,306,400	3,283,259	3,435,880	3,518,542	3,241,343	2,991,739	2,885,823	36,145,734
IS	KW	433,051	391,655	433,408	427,313	434,294	483,284	452,262	470,928	489,805	463,221	458,603	452,045	5,389,869
SS Curt	KW	12,381	11,217	12,381	12,169	12,275	13,544	12,698	13,121	13,650	12,910	12,910	12,804	152,058
SS Firm	KW	27,012	25,560	26,489	27,303	28,755	32,821	32,298	33,809	34,680	32,066	29,917	28,871	359,580
SS Interupt	KW	79,897	72,567	79,993	78,671	79,557	87,464	81,955	84,998	88,123	83,944	83,713	82,768	983,650
	Total	**K3,275,285**	**3,082,520**	**3,207,625**	**3,299,315**	**3,469,300**	**3,956,705**	**3,893,880**	**4,071,362**	**4,178,708**	**3,865,550**	**3,608,290**	**3,493,232**	**43,401,772**

SCHEDULE E-19 CUSTOMERS BY VOLTAGE LEVEL Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO000824-EI

EXPLANATION: Provide a schedule of the number of customers served at transmission, subtransmission, primary distribution, and secondary distribution voltgages by rate schedule for the test year and prior year. (Customers served directly from a company- owned substation must be listed under the voltage level at which they are served.)

Type of Data Shown:
___Historical Test Year Ended __/__/__
__X__Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Numbers Reflect Average Number of Monthly Bills Rendered

Rate Class	(A) Total Customers	(B) Transmission Voltage Delivery	(C) Primary Distribution Voltage Delivery	(D) Secondary Distribution Voltage Delivery
I. RETAIL				
RS-1	1,293,839	-	-	1,293,839
GS-1	105,279	1	36	105,241
GS-2	10,381	-	-	10,381
GSD	47,843	1	393	47,449
CS	7	-	6	1
IS	144	9	94	41
LS	58,806	-	-	58,806
SS - 1	10	9	1	-
SS - 2	4	2	2	0
SS - 3	1	-	1	-
TOTAL RETAIL	1,516,312	23	532	1,515,758

Supporting Schedules:

Recap Schedules:

SCHEDULE E-20 LOAD RESEARCH DATA Page 1 of 9

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (billing demand for demand classes). For classes, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as actual values. Also, provide the annual KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:

__X__Historical Test Year Ended 03/31/01

____*Projected* Test Year Ended __/__/__

____Prior Year Ended __/__/__

Witness: Slusser

Rate Schedule	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Noncoincident Peak	90% *Confidence* Interval	Estimated Customer Maximum Demand	90% Confidence Interval
Residential Service							
	Apr-00	2,568.4	216.0	2,809.4	235.1	8,677.9	479.9
	May-00	3,618.9	268.5	3,756.6	269.0	7,727.6	462.9
	Jun-00	3,809.4	177.1	4,197.9	191.0	8,267.0	385.2
	Jul-00	3,956.6	183.6	3,992.2	185.6	8,419.5	355.3
	Aug-00	4,073.6	230.2	4,119.4	222.4	8,520.4	389.4
	Sep-00	4,019.8	173.3	4,070.9	195.8	8,807.3	375.2
	Oct-00	3,430.4	192.1	3,490.8	215.0	8,290.1	420.3
	Nov-00	4,600.8	405.8	4,600.8	405.8	9,345.1	477.5
	Dec-00	4,600.4	369.0	4,840.4	401.3	9,596.7	499.0
	Jan-01	5,302.8	333.5	5,425.6	353.2	10,710.3	488.4
	Feb-01	4,084.1	368.8	4,084.1	368.8	8,826.1	546.3
	Mar-01	3,030.5	288.2	3,147.8	378.1	8,287.1	477.3

Annual Peak: 5,425.6 MW

12 Coincident Peak Average: 3,924.6 MW

90% Confidence Interval: 125.6 MW

Sum of individual customer maximum demands 10,710.3 MW

Annual KWH: 17,765,501,674

12 CP Load Factor: 0.517

Class (NCP) Load Factor: 0.374

Customer (Billing or Maximum Demand) Load Factor: 0.189

Note: During the study period, load management customers sampled in the Company's load research study were excluded from LM control strategies; therefore, no adjustments are required to establish loads excluding the effects of load management.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (billing demand for demand classes). For classes, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as actual values. Also, provide the annual KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:
__X__Historical Test Year Ended 03/31/01
___Projected Test Year Ended __/__/__
___Prior Year Ended __/__/__
Witness: Slusser

Rate Schedule	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Noncoincident Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
General Service Non-Demand							
	Apr-00	176.0	18.4	260.5	37.8	645.1	90.7
	May-00	212.2	23.6	255.1	27.1	581.0	93.5
	Jun-00	223.4	20.6	271.1	30.7	607.4	91.7
	Jul-00	223.1	19.5	291.4	23.8	628.3	93.4
	Aug-00	196.2	17.3	273.2	33.6	605.9	97.7
	Sep-00	220.9	20.4	296.8	37.3	649.7	101.0
	Oct-00	194.3	20.8	248.5	25.7	585.5	97.5
	Nov-00	151.3	25.5	261.9	27.6	692.5	94.6
	Dec-00	193.0	46.6	292.7	39.3	735.0	103.6
	Jan-01	264.9	45.5	331.8	42.1	803.8	78.0
	Feb-01	169.7	26.4	258.4	29.8	702.1	101.4
	Mar-01	125.6	23.8	225.3	23.5	612.5	104.2

Annual Peak: 331.8 MW

Annual KWH: 1,209,386,875

12 Coincident Peak Average: 195.9 MW

12 CP Load Factor: 0.705

90% Confidence Interval: 15.2 MW

Class (NCP) Load Factor: 0.416

Sum of individual customer maximum demand 803.8 MW

Customer (Billing or Maximum Demand) Load Factor: 0.172

Note: During the study period, load management customers sampled in the Company's load research study were excluded from LM control strategies; *therefore, no adjustments are* required to establish loads excluding the effects of load management.

SCHEDULE E-20 LOAD RESEARCH DATA Page 3 of 9

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (billing demand for demand classes). For classes, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as actual values. Also, provide the annual KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:
_X_Historical Test Year Ended 03/31/01
___Projected Test Year Ended __/__/__
___Prior Year Ended __/__/__
Witness: Slusser

Rate Schedule	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Noncoincident Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
General Service Demand							
	Apr-00	1,921.7	43.4	2,057.3	51.8	2,603.7	65.4
	May-00	2,097.4	50.3	2,255.6	57.5	2,716.5	68.2
	Jun-00	2,282.5	45.9	2,386.5	48.2	2,883.8	62.9
	Jul-00	2,194.0	42.6	2,400.2	59.8	2,888.8	67.6
	Aug-00	2,170.3	41.7	2,343.5	53.9	2,849.8	70.4
	Sep-00	2,180.0	39.7	2,385.0	57.7	2,892.8	67.1
	Oct-00	2,170.1	45.6	2,330.9	56.6	2,719.7	65.8
	Nov-00	1,543.9	65.8	2,173.6	56.3	2,647.8	69.6
	Dec-00	1,376.3	72.4	1,955.8	53.2	2,681.2	89.0
	Jan-01	1,776.2	65.2	1,934.1	61.7	2,768.8	86.9
	Feb-01	1,585.7	54.1	2,071.9	67.1	2,601.1	74.4
	Mar-01	1,533.9	52.9	2,144.2	59.4	2,726.2	78.8

Annual Peak: 2,400.2 MW

12 Coincident Peak Average: 1,902.7 MW

90% Confidence Interval: 31.6 MW

Sum of individual customer maximum demand 2,892.8 MW

Annual KWH: 13,668,331,118

12 CP Load Factor: 0.820

Class (NCP) Load Factor: 0.650

Customer (Billing or Maximum Demand) Load Factor: 0.539

Note: During the study period, load management customers sampled in the Company's load research study were excluded from LM control strategies; therefore, no adjustments are required to establish loads excluding the effects of load management.

SCHEDULE E-20 LOAD RESEARCH DATA Page 4 of 9

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (billing demand for demand classes). For classes, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as *actual values. Also, provide the annual* KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:
_X_Historical Test Year Ended 03/31/01
___Projected Test Year Ended __/__/__
___Prior Year Ended __/__/__
Witness: Slusser

Rate Schedule	Month and Year	Actual *Coincident* Peak	90% Confidence Interval	Actual Noncoincident Peak	90% Confidence Interval	Estimated *Customer* Maximum Demand	90% Confidence Interval
Curtailable Service							
	Apr-00	17.8	N/A	31.6	N/A	33.9	N/A
	May-00	16.2	N/A	32.7	N/A	34.5	N/A
	Jun-00	10.1	N/A	24.2	N/A	26.6	N/A
	Jul-00	18.9	N/A	28.4	N/A	30.7	N/A
	Aug-00	23.9	N/A	27.4	N/A	29.8	N/A
	Sep-00	18.2	N/A	27.6	N/A	30.4	N/A
	Oct-00	21.4	N/A	27.3	N/A	30.1	N/A
	Nov-00	22.6	N/A	25.5	N/A	28.8	N/A
	Dec-00	15.9	N/A	26.4	N/A	28.1	N/A
	Jan-01	6.1	N/A	25.0	N/A	27.3	N/A
	Feb-01	19.5	N/A	27.9	N/A	29.9	N/A
	Mar-01	8.3	N/A	23.8	N/A	25.1	N/A

Annual Peak: 32.7 MW

12 Coincident Peak Average: 16.6 MW

90% Confidence Interval: N/A

Sum of individual customer maximum demand 34.47 MW

Annual KWH: 179,449,368

12 CP Load Factor: 1.234

Class (NCP) Load Factor: 0.626

Customer (Billing or Maximum Demand) *Load Factor:* 0.594

Supporting Schedules: See supplemental page deriving demand data excluding the effects of curtailable load management.

SCHEDULE E-20
Supplement to Page 4

FLORIDA POWER CORPORATION
LOAD RESEARCH DATA
TWELVE MONTHS ENDING MARCH 2001

CURTAILABLE (CS) RATE CLASS

Month	(1) Estimated Coincident Peak (MW)	(2) LM Included In Col (1) (MW)	(3) Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	(4) Estimated Non-Coincident Peak (MW)	(5) LM Included In Col (4) (MW)	(6) Non-Coincident Peak w/o LM Impact COL(4) - COL(5) (MW)
Apr-00	17.8	0.0	17.8	31.6	0.0	31.6
May-00	16.2	0.0	16.2	32.7	0.0	32.7
Jun-00	10.1	0.0	10.1	24.2	0.0	24.2
Jul-00	18.9	0.0	18.9	28.4	0.0	28.4
Aug-00	23.9	0.0	23.9	27.4	0.0	27.4
Sep-00	18.2	0.0	18.2	27.6	0.0	27.6
Oct-00	21.4	0.0	21.4	27.3	0.0	27.3
Nov-00	22.6	0.0	22.6	25.5	0.0	25.5
Dec-00	15.9	0.0	15.9	26.4	0.0	26.4
Jan-01	6.1	(11.4)	17.5	25.0	0.0	25.0
Feb-01	19.5	0.0	19.5	27.9	0.0	27.9
Mar-01	8.3	0.0	8.3	23.8	0.0	23.8
12 Month Avg.:	16.6	(1.0)	17.5			

ANNUAL KWH: **179,449,368**
12 CP LOAD FACTOR: **1.169**
CLASS NCP LOAD FACTOR: **0.626**

Max NCP MW: 32.7

SCHEDULE E-20 LOAD RESEARCH DATA Page 5 of 9

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (billing demand for demand classes). For classes, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as actual values. Also, provide the annual KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:
_X_Historical Test Year Ended 03/31/01
___Projected Test Year Ended __/__/__
___Prior Year Ended __/__/__
Witness: Slusser

Rate Schedule	Month and Year	Actual Coincident Peak	90% Confidence Interval	Actual Noncoincident Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
Interruptible Service							
	Apr-00	307.3	N/A	383.7	N/A	505.6	N/A
	May-00	265.2	N/A	332.6	N/A	428.0	N/A
	Jun-00	303.3	N/A	356.1	N/A	480.4	N/A
	Jul-00	229.2	N/A	340.9	N/A	470.7	N/A
	Aug-00	245.8	N/A	301.9	N/A	408.1	N/A
	Sep-00	285.9	N/A	349.8	N/A	473.1	N/A
	Oct-00	234.1	N/A	327.9	N/A	435.0	N/A
	Nov-00	315.7	N/A	347.0	N/A	509.8	N/A
	Dec-00	204.4	N/A	326.8	N/A	448.4	N/A
	Jan-01	61.7	N/A	304.5	N/A	446.8	N/A
	Feb-01	290.0	N/A	324.0	N/A	425.4	N/A
	Mar-01	294.7	N/A	308.5	N/A	437.0	N/A

Annual Peak: 383.7 MW

12 Coincident Peak Average: 253.1 MW

90% Confidence Interval: N/A

Sum of individual customer maximum demand 509.8 MW

Annual KWH: 2,309,889,536

12 CP Load Factor: 1.042

Class (NCP) Load Factor: 0.687

Customer (Billing or Maximum Demand) Load Factor: 0.517

Supporting Schedules: See supplemental page deriving demand data excluding the effects of interruptible load management.

FLORIDA POWER CORPORATION
LOAD RESEARCH DATA
TWELVE MONTHS ENDING MARCH 2001

INTERRUPTIBLE (IS) RATE CLASS

Month	(1) Estimated Coincident Peak (MW)	(2) LM Included In Col (1) (MW)	(3) Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	(4) Estimated Non-Coincident Peak (MW)	(5) LM Included In Col (4) (MW)	(6) Non-Coincident Peak w/o LM Impact COL(4) - COL(5) (MW)
Apr-00	307.3	0.0	307.3	383.7	0.0	383.7
May-00	265.2	0.0	265.2	332.6	0.0	332.6
Jun-00	303.3	0.0	303.3	356.1	0.0	356.1
Jul-00	229.2	0.0	229.2	340.9	0.0	340.9
Aug-00	245.8	0.0	245.8	301.9	0.0	301.9
Sep-00	285.9	0.0	285.9	349.8	0.0	349.8
Oct-00	234.1	0.0	234.1	327.9	0.0	327.9
Nov-00	315.7	0.0	315.7	347.0	0.0	347.0
Dec-00	204.4	0.0	204.4	326.8	0.0	326.8
Jan-01	61.7	(208.8)	270.5	304.5	0.0	304.5
Feb-01	290.0	0.0	290.0	324.0	0.0	324.0
Mar-01	294.7	0.0	294.7	308.5	0.0	308.5
12 Month Avg.:	253.1	(17.4)	270.5			

ANNUAL KWH: **2,309,889,536**
12 CP LOAD FACTOR: **0.975**
CLASS NCP LOAD FACTOR: **0.687**

Max NCP MW: 383.7

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (*billing demand for demand classes*). *For classes*, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as actual values. Also, provide the annual KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:

_X_Historical Test Year Ended 03/31/01

___Projected Test Year Ended __/__/__

___Prior Year Ended __/__/__

Witness: Slusser

Rate Schedule	Month and Year	Actual Coincident Peak	90% Confidence Interval	Actual Noncoincident Peak	90% Confidence Interval	Estimated Customer *Maximum* Demand	90% Confidence Interval
Firm Standby Service							
SS-1	Apr-00	0.022	N/A	7.6	N/A	16.2	N/A
	May-00	0.017	N/A	6.6	N/A	14.6	N/A
	Jun-00	0.017	N/A	2.4	N/A	8.5	N/A
	Jul-00	0.660	N/A	4.6	N/A	9.6	N/A
	Aug-00	0.000	N/A	4.4	N/A	10.4	N/A
	Sep-00	0.000	N/A	3.3	N/A	7.3	N/A
	Oct-00	0.500	N/A	2.7	N/A	7.0	N/A
	Nov-00	1.531	N/A	7.4	N/A	14.6	N/A
	Dec-00	0.259	N/A	3.2	N/A	9.2	N/A
	Jan-01	0.000	N/A	4.0	N/A	14.8	N/A
	Feb-01	1.300	N/A	2.0	N/A	3.6	N/A
	Mar-01	5.104	N/A	7.7	N/A	17.6	N/A

Annual Peak: 7.7 MW

Annual KWH: 6,102,470

12 Coincident Peak Average: 0.7841 MW

12 CP Load Factor: 0.888

90% Confidence Interval: N/A

Class (NCP) Load Factor: 0.090

Sum of individual customer maximum demand 17.55 MW

Customer (Billing or Maximum Demand) Load Factor: 0.040

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (billing demand for demand classes). For classes, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as actual values. Also, provide the annual KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:
_X_Historical Test Year Ended 03/31/01
___Projected Test Year Ended __/__/__
___Prior Year Ended __/__/__
Witness: Slusser

Rate Schedule	Month and Year	Actual Coincident Peak	90% Confidence Interval	Actual Noncoincident Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
Interruptible Standby Service							
SS-2	Apr-00	28.0	N/A	44.1	N/A	55.4	N/A
	May-00	26.2	N/A	41.1	N/A	56.7	N/A
	Jun-00	0.0	N/A	11.1	N/A	17.9	N/A
	Jul-00	14.7	N/A	34.3	N/A	43.7	N/A
	Aug-00	26.0	N/A	36.3	N/A	52.1	N/A
	Sep-00	34.5	N/A	43.4	N/A	61.2	N/A
	Oct-00	31.7	N/A	46.4	N/A	60.6	N/A
	Nov-00	7.1	N/A	41.1	N/A	55.8	N/A
	Dec-00	13.4	N/A	40.4	N/A	63.6	N/A
	Jan-01	0.0	N/A	34.0	N/A	52.4	N/A
	Feb-01	25.0	N/A	37.0	N/A	45.2	N/A
	Mar-01	8.8	N/A	19.3	N/A	38.3	N/A

Annual Peak: 46.4 MW

12 Coincident Peak Average: 18 MW

90% Confidence Interval: N/A

Sum of individual customer maximum demand 63.55 MW

Annual KWH: 205,194,594

12 CP Load Factor: 1.301

Class (NCP) Load Factor: 0.505

Customer (Billing or Maximum Demand) Load Factor: 0.369

Supporting Schedules: See supplemental page deriving demand data excluding the effects of interruptible load management.

FLORIDA POWER CORPORATION
LOAD RESEARCH DATA
TWELVE MONTHS ENDING MARCH 2001

INTERRUPTIBLE STANDBY SERVICE (SS-2) RATE CLASS

Month	(1) Estimated Coincident Peak (MW)	(2) LM Included in Col (1) (MW)	(3) Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	(4) Estimated Non-Coincident Peak (MW)	(5) LM Included in Col (4) (MW)	(6) Non-Coincident Peak w/o LM Impact COL(4) - COL(5) (MW)
Apr-00	28.0	0.0	28.0	44.1	0.0	44.1
May-00	26.2	0.0	26.2	41.1	0.0	41.1
Jun-00	0.0	0.0	0.0	11.1	0.0	11.1
Jul-00	14.7	0.0	14.7	34.3	0.0	34.3
Aug-00	26.0	0.0	26.0	36.3	0.0	36.3
Sep-00	34.5	0.0	34.5	43.4	0.0	43.4
Oct-00	31.7	0.0	31.7	46.4	0.0	46.4
Nov-00	7.1	0.0	7.1	41.1	0.0	41.1
Dec-00	13.4	0.0	13.4	40.4	0.0	40.4
Jan-01	0.0	(19.6)	19.6	34.0	0.0	34.0
Feb-01	25.0	0.0	25.0	37.0	0.0	37.0
Mar-01	8.8	0.0	8.8	19.3	0.0	19.3
12 Month Avg.:	18.0	(1.6)	19.6			

ANNUAL KWH: **205,194,594**
12 CP LOAD FACTOR: **1.196**
CLASS NCP LOAD FACTOR: **0.505**

Max NCP MW: 46.4

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Florida Power Corporation

DOCKET NO.: 000824-EI

EXPLANATION: For each rate class that is not 100% time metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly noncoincident peak (class peaks) and (3) monthly customer maximum demand (billing demand for demand classes). For classes, 100% metered with time recording meters provide actual monthly values for the aforementioned demands and identify such as actual values. Also, provide the annual KWH as well as the 12 CP Load Factor, Class NCP Load Factor and the Customer Load Factor for each class.

Type of Data Shown:
_X_Historical Test Year Ended 03/31/01
___Projected Test Year Ended __/__/__
___Prior Year Ended __/__/__
Witness: Slusser

Rate Schedule	Month and Year	Actual Coincident Peak	90% Confidence Interval	Actual Noncoincident Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
Curtailable Standby Service							
SS-3	Apr-00	0.0	N/A	7.4	N/A	7.4	N/A
	May-00	0.0	N/A	0.0	N/A	0.0	N/A
	Jun-00	0.0	N/A	0.0	N/A	0.0	N/A
	Jul-00	0.0	N/A	0.0	N/A	0.0	N/A
	Aug-00	0.0	N/A	0.0	N/A	0.0	N/A
	Sep-00	0.0	N/A	0.0	N/A	0.0	N/A
	Oct-00	0.0	N/A	4.5	N/A	4.5	N/A
	Nov-00	0.0	N/A	3.5	N/A	3.5	N/A
	Dec-00	0.0	N/A	9.1	N/A	9.1	N/A
	Jan-01	0.0	N/A	0.0	N/A	0.0	N/A
	Feb-01	0.0	N/A	8.0	N/A	8.0	N/A
	Mar-01	0.0	N/A	0.0	N/A	0.0	N/A

Annual Peak: 9.1 MW

Annual KWH: 1,194,534

12 Coincident Peak Average: 0 MW

12 CP Load Factor: ∞

90% Confidence Interval: N/A

Class (NCP) Load Factor: 0.015

Sum of individual customer maximum demand 9.14 MW

Customer (Billing or Maximum Demand) Load Factor: 0.015

Supporting Schedules: See supplemental page deriving demand data excluding the effects of curtailable load management.

SCHEDULE E-20
Supplement to Page 8

FLORIDA POWER CORPORATION
LOAD RESEARCH DATA
TWELVE MONTHS ENDING MARCH 2001

CURTAILABLE STANDBY SERVICE (SS-3) RATE CLASS

Month	(1) Estimated Coincident Peak (MW)	(2) LM Included in Col (1) (MW)	(3) Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	(4) Estimated Non-Coincident Peak (MW)	(5) LM Included in Col (4) (MW)	(6) Non-Coincident Peak w/o LM Impact COL(4) - COL(5) (MW)
Apr-00	0.0	0.0	0.0	7.4	0.0	7.4
May-00	0.0	0.0	0.0	0.0	0.0	0.0
Jun-00	0.0	0.0	0.0	0.0	0.0	0.0
Jul-00	0.0	0.0	0.0	0.0	0.0	0.0
Aug-00	0.0	0.0	0.0	0.0	0.0	0.0
Sep-00	0.0	0.0	0.0	0.0	0.0	0.0
Oct-00	0.0	0.0	0.0	4.5	0.0	4.5
Nov-00	0.0	0.0	0.0	3.5	0.0	3.5
Dec-00	0.0	0.0	0.0	9.1	0.0	9.1
Jan-01	0.0	0.0	0.0	0.0	0.0	0.0
Feb-01	0.0	0.0	0.0	8.0	0.0	8.0
Mar-01	0.0	0.0	0.0	0.0	0.0	0.0
12 Month Avg.:	0.0	-	0.0			

ANNUAL KWH: 1,194,534
Max NCP MW: 9.1

12 CP LOAD FACTOR: ∞

CLASS NCP LOAD FACTOR: 0.015

FLORIDA POWER CORPORATION
ANALYSIS OF COINCIDENCE FOR THE LIGHTING CLASS
FOR THE TEN YEARS ENDED DECEMBER 31, 2000

LIGHTING - LS

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
MONTHLY SYSTEM PEAK	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TEN YR AVG % LIGHT LOAD
JAN	25%	25%	25%	25%	25%	25%	25%	-	25%	-	20.00%
FEB	-	-	-	10%	5%	10%	10%	5%	5%	-	4.50%
MAR	-	-	50%	-	-	-	-	-	-	-	5.00%
APR	-	-	-	-	-	-	-	-	-	-	0.00%
MAY	-	-	-	-	-	-	-	-	-	-	0.00%
JUN	-	-	-	-	-	-	-	-	-	-	0.00%
JUL	-	-	-	-	-	-	-	-	-	5%	0.50%
AUG	-	-	-	-	-	-	-	-	-	-	0.00%
SEP	-	-	-	-	-	-	-	-	-	-	0.00%
OCT	-	-	-	-	-	-	-	-	-	-	0.00%
NOV	-	100%	-	100%	-	-	-	100%	100%	-	40.00%
DEC	-	-	50%	100%	-	100%	100%	20%	30%	35%	43.50%
											113.50%
											===

AVG MONTHLY COINCIDENCE = 9.50%

ANNUAL BURNING HOURS = 4200

LOAD FACTOR:
BASED ON AVG. 12 CP = 5.042
BASED ON CLASS ANNUAL MAX DEMAND = 0.479

SCHEDULE E-26 MONTHLY PEAKS Page 1 of 3

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION:
Provide monthly peaks for the test year and the five previous years.

Type of Data Shown:
_X_Historical Test Year Ended 12/31/00
_X_Projected Test Year Ended 12/31/02
___Prior Year Ended __/__/__
Witness: Slusser

Line No.	Month	Year	Peak in MW	Day of Week	Day of Month	Hour	Actual (A) or Estimated (E)
1	Jan	1997	8,066	Sun	19	08:00	A
2	Feb	1997	5,794	Wed	12	08:00	A
3	Mar	1997	5,028	Wed	5	17:00	A
4	Apr	1997	5,085	Sun	27	18:00	A
5	May	1997	6,798	Tues	27	17:00	A
6	Jun	1997	6,964	Thur	19	17:00	A
7	Jul	1997	7,462	Thur	3	17:00	A
8	Aug	1997	7,300	Tues	12	19:00	A
9	Sep	1997	6,932	Tues	16	17:00	A
10	Oct	1997	6,426	Wed	1	17:00	A
11	Nov	1997	5,239	Mon	17	08:00	A
12	Dec	1997	6,608	Mon	15	19:00	A
13	Jan	1998	6,097	Thurs	1	09:00	A
14	Feb	1998	6,156	Tues	10	08:00	A
15	Mar	1998	6,885	Fri	13	08:00	A
16	Apr	1998	5,630	Thurs	2	17:00	A
17	May	1998	7,066	Thurs	21	17:00	A
18	Jun	1998	7,906	Fri	19	15:00	A
19	Jul	1998	8,004	Thurs	2	16:00	A
20	Aug	1998	7,808	Wed	12	17:00	A
21	Sep	1998	7,235	Tues	1	16:00	A
22	Oct	1998	7,034	Wed	7	17:00	A
23	Nov	1998	5,387	Thurs	19	19:00	A
24	Dec	1998	5,948	Fri	18	08:00	A

Supporting Schedules:

Recap Schedules:

SCHEDULE E-26 MONTHLY PEAKS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION:

Provide monthly peaks for the test year and the five previous years.

Type of Data Shown:

_X_Historical Test Year Ended 12/31/00

_X_Projected Test Year Ended 12/31/02

____Prior Year Ended __/__/__

Witness: Slusser

Line No.	Month	Year	Peak in MW	Day of Week	Day of Month	Hour	Actual (A) or Estimated (E)
25	Jan	1999	8,318	Wed	6	08:00	A
26	Feb	1999	6,964	Tues	23	08:00	A
27	Mar	1999	5,861	Fri	5	08:00	A
28	Apr	1999	6,197	Tues	27	20:00	A
29	May	1999	6,726	Tues	25	18:00	A
30	Jun	1999	7,079	Tues	15	17:00	A
31	Jul	1999	7,562	Wed	21	17:00	A
32	Aug	1999	7,715	Mon	30	18:00	A
33	Sep	1999	7,216	Sat	4	18:00	A
34	Oct	1999	6,302	Mon	11	17:00	A
35	Nov	1999	5,264	Mon	1	19:00	A
36	Dec	1999	6,791	Thurs	2	08:00	A
37	Jan	2000	8,548	Thurs	27	09:00	A
38	Feb	2000	7,409	Sun	6	10:00	A
39	Mar	2000	5,451	Fri	31	17:00	A
40	Apr	2000	5,451	Mon	3	18:00	A
41	May	2000	7,430	Fri	26	17:00	A
42	Jun	2000	7,442	Mon	5	17:00	A
43	Jul	2000	7,607	Wed	12	18:00	A
44	Aug	2000	7,717	Tues	8	18:00	A
45	Sep	2000	7,247	Thurs	14	18:00	A
46	Oct	2000	6,926	Thurs	5	18:00	A
47	Nov	2000	6,828	Wed	22	8:00	A
48	Dec	2000	8,421	Sun	31	8:00	A

Supporting Schedules:

Recap Schedules:

SCHEDULE E-26 MONTHLY PEAKS Page 3 of 3

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION:

Provide monthly peaks for the test year and the five previous years.

Type of Data Shown:

_X_Historical Test Year Ended 12/31/00

_X_Projected Test Year Ended 12/31/02

___Prior Year Ended __/__/__

Witness: Slusser

Line No.	Month	Year	Peak in MW	Day of Week	Day of Month	Hour	Actual (A) or Estimated (E)
49	Jan	2001	8,922	Fri	5	08:00	A
50	Feb	2001	6,942	Tues	6	08:00	A
51	Mar	2001	5,494	Thurs	8	08:00	A
52	Apr	2001	6,291	Fri	13	17:00	A
53	May	2001	7,141	Wed	30	18:00	A
54	Jun	2001	7,628	Wed	13	18:00	A
55	Jul	2001	7,577	Mon	30	18:00	A
56	Aug	2001	7,790	Wed	29	17:00	A
57	Sep	2001	7,706	n/a	n/a	n/a	E
58	Oct	2001	7,044	n/a	n/a	n/a	E
59	Nov	2001	6,469	n/a	n/a	n/a	E
60	Dec	2001	7,857	n/a	n/a	n/a	E
61	Jan	2002	8,499	n/a	n/a	n/a	E
62	Feb	2002	7,385	n/a	n/a	n/a	E
63	Mar	2002	7,142	n/a	n/a	n/a	E
64	Apr	2002	6,371	n/a	n/a	n/a	E
65	May	2002	7,515	n/a	n/a	n/a	E
66	Jun	2002	7,991	n/a	n/a	n/a	E
67	Jul	2002	7,674	n/a	n/a	n/a	E
68	Aug	2002	7,733	n/a	n/a	n/a	E
69	Sep	2002	7,700	n/a	n/a	n/a	E
70	Oct	2002	6,831	n/a	n/a	n/a	E
71	Nov	2002	6,453	n/a	n/a	n/a	E
72	Dec	2002	7,997	n/a	n/a	n/a	E

Supporting Schedules:

Recap Schedules:

SCHEDULE E-27a,27b,27c

DEMAND AND ENERGY LOSSES

Page__1__of__1__

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide estimates of demand and energy losses for transmission and distribution system components and explain the methodology used in determining losses.

Type of Data Shown:
___Historical Test Year Ended ___/___/___
_X_Projected Test Year Ended 12/31/02
___Prior Year Ended ___/___/___
Witness: Slusser

Demand and Energy Losses	All Hours
NET SOURCE OUTPUT	100.00%
LESS:	
TRANSMISSION LOSSES	2.21%
EQUALS: TRANSMISSION DELIVERY	97.79%
LESS:	
DISTRIBUTION PRIMARY LOSSES	1.00%
EQUALS: DISTB PRIMARY DELIVERY	96.79%
LESS:	
DISTRIBUTION SECONDARY LOSSES	2.61%
EQUALS: DISTB SECONDARY DELIVERY	94.18%

Description

Florida Power does not differentiate loss factors by peak or off peak periods, seasonal, etc. i.e. all hours bear the same estimated loss factors.

The amount of energy and demand losses by rate schedule can be obtained from Schedule E, page 1 of 2, and Schedule A page 2 of 3 respectively of "Derivation-Allocation" section contained in separate attachment entitled "Cost of Service Studies for Section E -Rates Schedules."

Methodology and Assumptions:

Customer service is provided or metered at three delivery levels on the electric system:
(1) Transmission
(2) Distribution Primary
(3) Distribution Secondary

Metering of energy is available at the (1) source output and (2) customer level consumption. Thus, a calculation of energy losses can be determined for the total electric system.

Losses on the Transmission system are determined from a load flow study which separated hourly load levels from minimum (40%) to maximum (100%) in 5% intervals for Summer and Winter months. The losses derived from the model were divided by the total transmission load which resulted in a loss ratio for each interval. The loss ratios were multiplied by the number of hours with load falling within each respective interval as determined from the EEI system load deck which identifies system load for each hour in the calendar year. The sum of the weighted factors was accumulated and divided by 8784 hours in the year to derive the transmission loss factor.

Losses on the Distribution Primary system are estimated at an additional 1% based on engineering analysis and judgment.

Loss factors for Distribution Secondary level service are arrived at mathematically by accounting for losses to Transmission and Distribution Primary customers and subtracting these losses from the system total losses.

For the projected calendar year 2002, the Company's forecast for system energy losses is 5.18%. The following loss factors when applied to the delivery level sales result in the forecast system energy losses:

DELIVERY	
Transmission	2.21%
Distribution Primary	3.21%
Distribution Secondary	5.82%

SCHEDULE E-28a	INTERRUPTIBLE RATES POLICY	Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: FLORIDA POWER CORPORATION DOCKET NO.: 000824-EI	EXPLANATION: Provide a statement of the Company's policy as to when and under what conditions it will interrupt service to customers on interruptible rate schedules. Explain what action is taken if customers refuse to interrupt their loads voluntarily. Explain separately (1) the company's treatment of interruptible customers' demand loads in its generation expansion planning process and (2) the company's treatment of interruptible customers' energy in its generation expansion planning process.	Type of Data Shown: _X_Historical Test Year Ended 12/31/00 ___Projected Test Year Ended __/__/__ ___Prior Year Ended __/__/__ Witness: Slusser

Customers under the Company's Interruptible General Service Rate Schedules are subject to interruption during any time period that electric power and energy being delivered to these customers from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only.

The Company will attempt to minimize interruptions described above by purchasing power and energy from other sources during periods of normal interruption. The customer can curtail his usage or pay the additional cost of such purchased energy for any remaining usage.

Under FPC's Interruptible General Service rate schedules, the Company has installed remote controlled switching facilities whereby the Company, not the Customer, exercises full control of interruption of the customer's load.

In the Company's Generation Expansion Planning Process, interruptible load is not included in capacity planning; however, substantially all of the energy requirements of interruptible load are planned to be served.

Supporting Schedules:

Recap Schedules:

SCHEDULE E-28b

CURTAILABLE RATES POLICY

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide a statement of the Company's policy as to when and under what conditions it will request curtailable customers to reduce their loads. Explain what action is taken if the customers refuse to curtail their loads in accordance with applicable contract or tariff provisions. Explain separately (1) the company's treatment of curtailable customers' demand loads in its generation expansion planning process and (2) the company's treatment of curtailable customers' energy in its generation expansion planning process.

Type of Data Shown:

_X_Historical Test Year Ended 12/31/00

___Projected Test Year Ended __/__/__

___Prior Year Ended __/__/__

Witness: Slusser

Customers under the Company's Curtailable General Service Rate Schedules are subject to curtail their curtailable load during any time period that electric power and energy being delivered to these customers from the Company's available generating resources is required to a) maintain service to the Company's firm power customers and firm power sales commitments or b) supply emergency interchange service to another utility for its firm load obligations only.

The Company will attempt to minimize curtailments described above by purchasing power and energy from other sources during periods for which curtailment would otherwise be requested. The customer can curtail his usage or pay the additional cost of such purchased energy for any remaining curtailable usage.

In the event a customer does not comply with his curtailment responsibility, a rate penalty is applicable as described in a special provision of the Curtailable General Service rate schedule.

In the Company's Generation Expansion Planning Process, curtailable load is not included in capacity planning; however, substantially all of the energy requirements of curtailable load are planned to be served.

Supporting Schedules:

Recap Schedules: