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BEFORE THE  
**FLORIDA PUBLIC SERVICE COMMISSION**



**Florida Power**  
A Progress Energy Company

DOCKET NO. 000824-EI

**MINIMUM FILING REQUIREMENTS**

**SECTION E – RATE SCHEDULES  
INCLUDING SUMMARY MFR – A SECTION SCHEDULES**

**NOVEMBER 15, 2001**

(This volume supersedes Section E – Rate Schedules Volume filed 09/14/01)

**PROJECTED TEST YEAR 2002**

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DOCUMENT NUMBER-DATE

14488 NOV 15 2001

FPSC-COMMISSION CLERK

**Florida Power Corporation**  
**Docket No. 000824-EI**  
**Minimum Filing Requirements**  
**Section E - Rate Schedules**  
**Including Summary MFR - A Section Schedules**  
**Projected Test Year 2002**  
**(This Volume Supersedes Section E - Rate Schedules Volume Filed 9/14/01)**

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FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates

Type of Data Shown:

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_X\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

Witness: Slusser

DOCKET NO.: 000824-EI

Line	Rate Class	(A)	(B)	(C) (D) (E) (F) (G) (H)						(I) (J) (K) (L) (M) (N)						(O)	(P)	(Q)	(R)
		Typical		Monthly Bill Under Present Rates - \$						Monthly Bill Under Proposed Rates - \$						Incr/ (Decr)		Cents/KWH	
		KW (a)	KWH	Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	\$ (N) - (H)	% (O) / (H)	Present (H) / (B)	Proposed (N) / (B)
1	RS-1	0	0	8.85	-	-	-	0.23	9.08	8.85	-	-	-	0.23	9.08	-	0.00%	-	-
2																			
3	RS-1	0	100	12.87	2.89	1.11	0.21	0.44	17.52	12.46	2.89	1.07	0.17	0.43	17.02	(0.50)	-2.87%	17.518	17.015
4																			
5	RS-1	0	250	18.90	7.21	2.77	0.52	0.75	30.15	17.87	7.21	2.67	0.43	0.72	28.90	(1.25)	-4.15%	12.062	11.561
6																			
7	RS-1	0	500	28.95	14.43	5.54	1.05	1.28	51.25	26.88	14.43	5.34	0.85	1.22	48.72	(2.53)	-4.94%	10.250	9.744
8																			
9	RS-1	0	750	39.00	21.64	8.31	1.57	1.81	72.33	35.90	21.64	8.01	1.28	1.71	68.54	(3.78)	-5.23%	9.644	9.139
10																			
11	RS-1	0	1,000	49.05	28.85	11.08	2.09	2.34	93.41	44.91	28.85	10.68	1.70	2.21	88.35	(5.06)	-5.41%	9.341	8.835
12																			
13	RS-1	0	1,250	59.10	36.06	13.85	2.61	2.86	114.48	56.43	36.06	13.35	2.13	2.77	110.74	(3.74)	-3.27%	9.159	8.859
14																			
15	RS-1	0	1,500	69.15	43.28	16.62	3.14	3.39	135.58	67.94	43.28	16.02	2.55	3.33	133.12	(2.46)	-1.82%	9.039	8.875
16																			
17	RS-1	0	2,000	89.25	57.70	22.16	4.18	4.44	177.73	90.97	57.70	21.36	3.40	4.45	177.88	0.14	0.08%	8.887	8.894
18																			
19	RS-1	0	3,000	129.45	86.55	33.24	6.27	6.55	262.06	137.03	86.55	32.04	5.10	6.69	267.41	5.34	2.04%	8.735	8.914
20																			
21	RS-1	0	5,000	209.85	144.25	55.40	10.45	10.77	430.72	229.15	144.25	53.40	8.50	11.16	446.46	15.74	3.66%	8.614	8.929
22																			
23																			
24																			
25																			
26																			
27	Notes: (a)	Demand Metered rates are calculated at load factors of 30%, 60%, & 90% unless other use characteristics are shown. 60% and 90% load factors are calculated using a time-of-use rate.																	
28	(b)	Fuel Charges for present and proposed rates are calculated at rate in effect as of April 1, 2001, no changes are anticipated in fuel charges due to this base rate proceeding.																	
29	(c)	CCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed CCR charges include the effects of a 12CP and 25% AD production cost allocation methodology.																	
30	(d)	ECCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed ECCR charges include the effects of a 12CP and 25% AD production cost allocation methodology and lower IS/CS credits.																	
31	(e)	Gross receipts tax applied on all charges at the current rate of 2.5461%																	

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates.

Type of Data Shown:

COMPANY: FLORIDA POWER CORPORATION

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_\_\_X\_\_\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO.. 000824-EI

Witness Slusser

Line	Rate Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
		Typical		Monthly Bill Under Present Rates - \$						Monthly Bill Under Proposed Rates - \$						Incr/ (Decr)		Cents/KWH	
		KW (a)	KWH	Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	\$ (N) - (H)	% (O) / (H)	Present (H) / (B)	Proposed (N) / (B)
1	GS-1	0	0	11.70	-	-	-	0.30	12.00	11.70	-	-	-	0.30	12.00	-	0.00%	-	-
2																			
3	GS-1	0	100	15.72	2.89	0.83	0.17	0.50	20.11	15.64	2.89	0.85	0.14	0.50	20.02	(0.09)	-0.45%	20.110	20.020
4																			
5	GS-1	0	250	21.75	7.21	2.09	0.41	0.81	32.27	21.55	7.21	2.11	0.35	0.80	32.02	(0.25)	-0.77%	12.908	12.808
6																			
7	GS-1	0	500	31.80	14.43	4.17	0.83	1.31	52.54	31.40	14.43	4.23	0.71	1.30	52.07	(0.47)	-0.89%	10.508	10.414
8																			
9	GS-1	0	750	41.85	21.64	6.26	1.24	1.82	72.81	41.24	21.64	6.34	1.06	1.80	72.08	(0.73)	-1.00%	9.708	9.611
10																			
11	GS-1	0	1,000	51.90	28.85	8.34	1.65	2.33	93.07	51.09	28.85	8.45	1.41	2.30	92.10	(0.97)	-1.04%	9.307	9.210
12																			
13	GS-1	0	1,250	61.95	36.06	10.43	2.06	2.83	113.33	60.94	36.06	10.56	1.76	2.80	112.12	(1.21)	-1.07%	9.066	8.970
14																			
15	GS-1	0	1,500	72.00	43.28	12.51	2.48	3.34	133.61	70.79	43.28	12.68	2.12	3.30	132.17	(1.44)	-1.08%	8.907	8.811
16																			
17	GS-1	0	2,000	92.10	57.70	16.68	3.30	4.35	174.13	90.48	57.70	16.90	2.82	4.31	172.21	(1.92)	-1.10%	8.707	8.611
18																			
19	GS-1	0	3,000	132.30	86.55	25.02	4.95	6.38	255.20	129.87	86.55	25.35	4.23	6.31	252.31	(2.89)	-1.13%	8.507	8.410
20																			
21	GS-1	0	5,000	212.70	144.25	41.70	8.25	10.43	417.33	208.65	144.25	42.25	7.05	10.31	412.51	(4.82)	-1.15%	8.347	8.250
22																			
23	GS-1	0	10,000	413.70	288.50	83.40	16.50	20.57	822.67	405.60	288.50	84.50	14.10	20.33	813.03	(9.64)	-1.17%	8.227	8.130
24																			
25	GS-1	0	15,000	614.70	432.75	125.10	24.75	30.70	1,228.00	602.55	432.75	126.75	21.15	30.34	1,213.54	(14.46)	-1.18%	8.187	8.090
26																			
27	Notes: (a)	Demand Metered rates are calculated at load factors of 30%, 60%, & 90% unless other use characteristics are shown. 60% and 90% load factors are calculated using a time-of-use rate.																	
28	(b)	Fuel Charges for present and proposed rates are calculated at rate in effect as of April 1, 2001, no changes are anticipated in fuel charges due to this base rate proceeding.																	
29	(c)	CCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed CCR charges include the effects of a 12CP and 25% AD production cost allocation methodology.																	
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FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates.

Type of Data Shown:

COMPANY: FLORIDA POWER CORPORATION

☐ Historical Test Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_☒ Projected Test Year Ended 12/31/02☐ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

DOCKET NO.: 000824-EI

Witness: Slusser

Line	Rate Class	(A)	(B)	(C) (D) (E) (F) (G) (H)						(I) (J) (K) (L) (M) (N)						(O) (P)		(Q) (R)	
		Typical		Monthly Bill Under Present Rates - \$						Monthly Bill Under Proposed Rates - \$						Incr/ (Decr)		Cents/KWH	
		Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	\$ (N) - (H)	% (O) / (H)	Present (H) / (B)	Proposed (N) / (B)		
1	GS-2	0	0	11.70	-	-	-	0.30	12.00	11.70	-	-	-	0.30	12.00	-	0.00%	-	-
2																			
3	GS-2	0	100	13.21	2.89	0.60	0.13	0.43	17.26	13.50	2.89	0.66	0.12	0.44	17.61	0.35	2.03%	17.260	17.610
4																			
5	GS-2	0	250	15.47	7.21	1.50	0.32	0.63	25.13	16.20	7.21	1.64	0.29	0.65	25.99	0.86	3.42%	10.052	10.396
6																			
7	GS-2	0	500	19.24	14.43	2.99	0.64	0.96	38.26	20.69	14.43	3.29	0.58	1.00	39.99	1.73	4.52%	7.652	7.998
8																			
9	GS-2	0	750	23.01	21.64	4.49	0.95	1.28	51.37	25.19	21.64	4.93	0.87	1.35	53.98	2.61	5.08%	6.849	7.197
10																			
11	GS-2	0	1,000	26.78	28.85	5.98	1.27	1.61	64.49	29.68	28.85	6.57	1.16	1.70	67.96	3.47	5.38%	6.449	6.796
12																			
13	GS-2	0	1,250	30.55	36.06	7.48	1.59	1.94	77.62	34.18	36.06	8.21	1.45	2.05	81.95	4.33	5.58%	6.210	6.556
14																			
15	GS-2	0	1,500	34.32	43.28	8.97	1.91	2.27	90.75	38.67	43.28	9.86	1.74	2.40	95.95	5.20	5.73%	6.050	6.397
16																			
17	GS-2	0	2,000	41.86	57.70	11.96	2.54	2.92	116.98	47.66	57.70	13.14	2.32	3.10	123.92	6.94	5.93%	5.849	6.196
18																			
19	GS-2	0	3,000	56.94	86.55	17.94	3.81	4.24	169.48	65.64	86.55	19.71	3.48	4.50	179.88	10.40	6.14%	5.649	5.996
20																			
21	GS-2	0	5,000	87.10	144.25	29.90	6.35	6.86	274.46	101.60	144.25	32.85	5.80	7.29	291.79	17.33	6.31%	5.489	5.836
22																			
23	GS-2	0	10,000	162.50	288.50	59.80	12.70	13.42	536.92	191.50	288.50	65.70	11.60	14.29	571.59	34.67	6.46%	5.369	5.716
24																			
25	GS-2	0	15,000	237.90	432.75	89.70	19.05	19.98	799.38	281.40	432.75	98.55	17.40	21.28	851.38	52.00	6.51%	5.329	5.676
26																			
27	Notes: (a)	Demand Metered rates are calculated at load factors of 30%, 60%, & 90% unless other use characteristics are shown. 60% and 90% load factors are calculated using a time-of-use rate.																	
28	(b)	Fuel Charges for present and proposed rates are calculated at rate in effect as of April 1, 2001, no changes are anticipated in fuel charges due to this base rate proceeding.																	
29	(c)	CCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed CCR charges include the effects of a 12CP and 25% AD production cost allocation methodology.																	
30	(d)	ECCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed ECCR charges include the effects of a 12CP and 25% AD production cost allocation methodology and lower IS/CS credits.																	
31	(e)	Gross receipts tax applied on all charges at the current rate of 2.5461%																	

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates.

Type of Data Shown:

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_X\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness: Slusser

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

Line	Rate Class	(A)	(B)	Monthly Bill Under Present Rates - \$						Monthly Bill Under Proposed Rates - \$						Incr/ (Decr)		Cents/KWH	
		Typical		Base	Fuel (b)	CCR (c)	ECCR (d)	GRT (e)	Total	Base	Fuel (b)	CCR (c)	ECCR (d)	GRT (e)	Total	\$	%	Present	Proposed
		KW (a)	KWH	Rate	Charge	Charge	Charge	Charge	Bill	Rate	Charge	Charge	Charge	Charge	Bill			(H) / (B)	(N) / (B)
1	GSD-1	50	10,950	383.03	315.91	76.98	15.77	20.30	811.99	379.64	315.91	80.81	13.91	20.26	810.53	(1.46)	-0.18%	7.415	7.402
2																			
3	GSDT-1	50	21,900	536.68	628.35	153.96	31.54	34.63	1,385.16	536.39	628.35	161.62	27.81	34.72	1,388.89	3.73	0.27%	6.325	6.342
4																			
5	GSDT-1	50	32,850	660.78	922.24	230.94	47.30	47.72	1,908.98	665.55	922.24	242.43	41.72	48.00	1,919.94	10.96	0.57%	5.811	5.845
6																			
7	GSD-1	100	21,900	754.36	631.82	153.96	31.54	40.30	1,611.98	747.58	631.82	161.62	27.81	40.23	1,609.06	(2.92)	-0.18%	7.361	7.347
8																			
9	GSDT-1	100	43,800	1,054.16	1,256.71	307.91	63.07	68.77	2,750.62	1,053.57	1,256.71	323.24	55.63	68.95	2,758.10	7.48	0.27%	6.280	6.297
10																			
11	GSDT-1	100	65,700	1,302.36	1,844.49	461.87	94.61	94.96	3,798.29	1,311.90	1,844.49	484.87	83.44	95.51	3,820.21	21.92	0.58%	5.781	5.815
12																			
13	GSD-1	250	54,750	1,868.36	1,579.54	384.89	78.84	100.30	4,011.93	1,851.39	1,579.54	404.06	69.53	100.12	4,004.64	(7.29)	-0.18%	7.328	7.314
14																			
15	GSDT-1	250	109,500	2,606.61	3,141.77	769.79	157.68	171.18	6,847.03	2,605.13	3,141.77	808.11	139.07	171.64	6,865.72	18.69	0.27%	6.253	6.270
16																			
17	GSDT-1	250	164,250	3,227.10	4,611.22	1,154.68	236.52	236.65	9,466.17	3,250.96	4,611.22	1,212.17	208.60	238.02	9,520.97	54.80	0.58%	5.763	5.797
18																			
19	GSD-1	450	98,550	3,353.69	2,843.17	692.81	141.91	180.30	7,211.88	3,323.14	2,843.17	727.30	125.16	179.97	7,198.74	(13.14)	-0.18%	7.318	7.305
20																			
21	GSDT-1	450	197,100	4,676.54	5,655.19	1,385.61	283.82	307.72	12,308.88	4,673.87	5,655.19	1,454.60	250.32	308.56	12,342.54	33.66	0.27%	6.245	6.262
22																			
23	GSDT-1	450	295,650	5,793.42	8,300.20	2,078.42	425.74	425.58	17,023.36	5,836.37	8,300.20	2,181.90	375.48	428.05	17,122.00	98.64	0.58%	5.758	5.791
24																			
25																			
26																			
27	otes: (a)	Demand Metered rates are calculated at load factors of 30%, 60%, & 90% unless other use characteristics are shown. 60% and 90% load factors are calculated using a time-of-use rate.																	
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31	(e)	Gross receipts tax applied on all charges at the current rate of 2.5461%																	

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates.

Type of Data Shown

\_\_\_\_ Historical Test Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

☒ Projected Test Year Ended 12/31/02

\_\_\_\_ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

Witness: Slusser

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO. 000824-EI

Line	Rate Class	(A)	(B)	(C) (D) (E) (F) (G) (H)						(I) (J) (K) (L) (M) (N)						(O) (P)		(Q) (R)	
		Typical		Monthly Bill Under Present Rates - \$						Monthly Bill Under Proposed Rates - \$						Incr/ (Decr)		Cents/KWH	
		KW (a)	KWH	Base Rate/ CS Credit	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	\$ (N) - (H)	% (O) / (H)	Present (H) / (B)	Proposed (N) / (B)
1	CS-1 - Primary STD																		
2	Max Demand	1,000	109,500	7,157.64						5,029.75									
3	Curtailable Dem	800		(1,845.36)						(251.86)									
4	15% Load Factor			5,312.28	3,127.32	672.33	141.26	237.26	9,490.45	4,777.89	3,127.32	725.99	127.02	224.57	8,982.79	(507.66)	-5.35%	8.667	8.203
5																			
6	CST-1 - Primary TOU																		
7	Max Demand	1,000	438,000	10,050.31						8,802.46									
8	Curtailable Dem	750		(1,730.03)						(944.46)									
9	60% Load Factor			8,320.28	12,440.95	2,689.32	565.02	615.78	24,631.35	7,858.00	12,440.95	2,903.94	508.08	607.97	24,318.94	(312.41)	-1.27%	5.624	5.552
10	Base Demand	1,000																	
11	On Peak Dem	950																	
12																			
13																			
14	CS-2 - Primary STD																		
15	Max Demand	1,000	109,500	7,157.64						5,029.75									
16	Curtailable Dem	800		(178.20)						(251.86)									
17	15% Load Factor			6,979.44	3,127.32	672.33	141.26	280.01	11,200.36	4,777.89	3,127.32	725.99	127.02	224.57	8,982.79	(2,217.57)	-19.80%	10.229	8.203
18																			
19	CST-2 - Primary TOU																		
20	Max Demand	1,000	438,000	10,050.31						8,802.46									
21	Curtailable Dem	800		(712.80)						(1,007.42)									
22	60% Load Factor			9,337.51	12,440.95	2,689.32	565.02	641.87	25,674.67	7,795.04	12,440.95	2,903.94	508.08	606.36	24,254.37	(1,420.30)	-5.53%	5.862	5.538
23	Base Demand	1,000																	
24	On Peak Dem	950																	
25																			
26																			
27	Notes: (a)	Demand Metered rates are calculated at load factors of 30%, 60%, & 90% unless other use characteristics are shown. 60% and 90% load factors are calculated using a time-of-use rate.																	
28	(b)	Fuel Charges for present and proposed rates are calculated at rate in effect as of April 1, 2001, no changes are anticipated in fuel charges due to this base rate proceeding.																	
29	(c)	CCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed CCR charges include the effects of a 12CP and 25% AD production cost allocation methodology.																	
30	(d)	ECCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed ECCR charges include the effects of a 12CP and 25% AD production cost allocation methodology and lower IS/CS credits.																	
31	(e)	Gross receipts tax applied on all charges at the current rate of 2.5461%																	

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates

Type of Data Shown:

COMPANY: FLORIDA POWER CORPORATION

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_\_\_X\_\_\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO.: 000824-EI

Witness: Slusser

Line	Rate Class	(A)	(B)	(C) (D) (E) (F) (G) (H)					(I) (J) (K) (L) (M) (N)					(O) (P)		(Q) (R)			
		Typical		Monthly Bill Under Present Rates - \$						Monthly Bill Under Proposed Rates - \$						Incr/ (Decr)		Cents/KWH	
		KW (a)	KWH	Base Rate/ IS Credit	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	Base Rate	Fuel (b) Charge	CCR (c) Charge	ECCR (d) Charge	GRT (e) Charge	Total Bill	\$ (N) - (H)	% (O) / (H)	Present (H) / (B)	Proposed (N) / (B)
1	IS-1 - Primary STD																		
2	Max Demand	1,000	109,500	6,025.38						5,208.73									
3	Max Demand	1,000		(3,336.30)						(418.77)									
4	15% Load Factor			2,689.08	3,127.32	632.91	134.69	168.82	6,752.82	4,789.96	3,127.32	694.23	123.74	223.98	8,959.23	2,206.41	32.67%	6.167	8.182
5																			
6	IST-1 - Primary TOU																		
7	Max Demand	1,000	438,000	8,275.44						9,184.38									
8	On Peak Dem	950		(3,169.49)						(1,675.08)									
9	60% Load Factor			5,105.95	12,440.95	2,531.64	538.74	528.65	21,145.93	7,509.30	12,440.95	2,776.92	494.94	595.44	23,817.55	2,671.62	12.63%	4.828	5.438
10	Base Demand	1,000																	
11																			
12																			
13																			
14	IS-2 - Primary STD																		
15	Max Demand	1,000	109,500	6,025.38						5,208.73									
16	Max Demand	1,000		(424.71)						(418.77)									
17	15% Load Factor			5,600.67	3,127.32	632.91	134.69	243.48	9,739.07	4,789.96	3,127.32	694.23	123.74	223.98	8,959.23	(779.84)	-8.01%	8.894	8.182
18																			
19	IST-2 - Primary TOU																		
20	Max Demand	1,000	438,000	8,275.44						9,184.38									
21	Max Demand	1,000		(1,698.84)						(1,675.08)									
22	60% Load Factor			6,576.60	12,440.95	2,531.64	538.74	566.36	22,654.29	7,509.30	12,440.95	2,776.92	494.94	595.44	23,817.55	1,163.26	5.13%	5.172	5.438
23	Base Demand	1,000																	
24	On Peak Dem	950																	
25																			
26																			
27	Notes: (a)	Demand Metered rates are calculated at load factors of 30%, 60%, & 90% unless other use characteristics are shown. 60% and 90% load factors are calculated using a time-of-use rate.																	
28	(b)	Fuel Charges for present and proposed rates are calculated at rate in effect as of April 1, 2001, no changes are anticipated in fuel charges due to this base rate proceeding.																	
29	(c)	CCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed CCR charges include the effects of a 12CP and 25% AD production cost allocation methodology.																	
30	(d)	ECCR Charges for present rates are calculated at rate in effect as of April 1, 2001. Proposed ECCR charges include the effects of a 12CP and 25% AD production cost allocation methodology and lower IS/CS credits.																	
31	(e)	Gross receipts tax applied on all charges at the current rate of 2.5461%																	

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of services, demand, energy, and other service charges

Type of Data Shown:

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

☒ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

Witness Slusser

DOCKET NO.: 000824-EI

	(A)	(B)	(C)	(D)	(E)	(F)
	Current Rate		Current	Proposed Rate	Proposed	Percent
Line	Schedule	Type of Charge	Rate	Schedule	Rate	Incr / (Decr) [(E) - (C)] / (C)
1	SC-1	Initial Connection - \$	30.50	SC-1	64.00	109.8%
2		Reconnection - \$	15.00		28.00	86.7%
3		Transfer of Account - No LSA Contract - \$	5.50		28.00	409.1%
4		Transfer of Account - LSA Contract Required - \$	5.50		10.00	81.8%
5		Reconnect After Disconnect For Non-Pay - \$	27.00		40.00	48.1%
6		Reconnect After Disconnect For Non-Pay After Hours - \$	27.00		50.00	85.2%
7						
8	TS-1	Temporary Service Extension - Monthly \$	74.00	TS-1	110.00	48.6%
9						
10	RS-1	Energy and Demand Charge - cents per KWH		RS-1		
11		Standard				
12		0 - 1,000 KWH	4.020		3.606	-10.3%
13		Over 1,000 KWH	4.020		4.606	14.6%
14		Time of Use - On Peak	11.494		10.965	-4.6%
15		Time of Use - Off Peak	0.580		0.708	22.1%
16		Energy Conservation Adjustment - cents per KWH	0.209		0.170	-18.7%
17		Capacity Cost Recovery Charge - cents per KWH	1.108		1.068	-3.6%
18						
19	GS-1	Energy and Demand Charge - cents per KWH		GS-1		
20		Standard	4.020		3.939	-2.0%
21		Time of Use - On Peak	11.494		10.965	-4.6%
22		Time of Use - Off Peak	0.580		0.708	22.1%
23		Energy Conservation Adjustment - cents per KWH	0.165		0.141	-14.5%
24		Capacity Cost Recovery Charge - cents per KWH	0.834		0.845	1.3%
25						
26	GS-2	Energy and Demand Charge - cents per KWH		GS-2		
27		Standard	1.508		1.798	19.2%
28		Energy Conservation Adjustment - cents per KWH	0.127		0.116	-8.7%
29		Capacity Cost Recovery Charge - cents per KWH	0.598		0.657	9.9%
30						

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of services, demand, energy, and other service charges

Type of Data Shown:

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_X\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

Witness: Slusser

DOCKET NO: 000824-EI

	(A)	(B)	(C)	(D)	(E)	(F)
	Current Rate		Current	Proposed Rate	Proposed	Percent
Line	Schedule	Type of Charge	Rate	Schedule	Rate	Incr / (Decr) [(E) - (C)] / (C)
1	GSD-1	Demand Charge - \$ per KW		GSD-1		
2		Standard	3.80		3.80	0.0%
3		Time of Use				
4		On Peak	2.83		2.86	1.1%
5		Base	0.94		0.94	0.0%
6		Delivery Voltage Credits - \$ per KW				
7		Primary	0.30		0.38	26.7%
8		Transmission	0.69		0.89	29.0%
9		Energy Charge - cents per KWH				
10		Standard	1.656		1.625	-1.9%
11		Time of Use - On Peak	3.654		3.328	-8.9%
12		Time of Use - Off Peak	0.580		0.708	22.1%
13		Energy Conservation Adjustment - cents per KWH	0.144		0.127	-11.8%
14		Capacity Cost Recovery Charge - cents per KWH	0.703		0.738	5.0%
15						
16	CS-1/CS-2	Demand Charge - \$ per KW		CS-1/CS-2		
17		Standard	6.13		3.80	-38.0%
18		Time of Use				
19		On Peak	5.16		2.86	-44.6%
20		Base	0.91		0.94	3.3%
21		Curtailable Demand Credit				
22		CS-1, CST-1 - \$ per KW of Curtailable Demand	2.33		Withdrawn	n/a
23		CS-2, CST-2 - \$ per KW LF adjusted Demand	1.50		2.12	41.3%
24		Delivery Voltage Credits - \$ per KW				
25		Primary	0.30		0.38	26.7%
26		Transmission	0.69		0.89	29.0%
27		Energy Charge - cents per KWH				
28		Standard	1.082		1.320	22.0%
29		Time of Use - On Peak	2.014		2.457	22.0%
30		Time of Use - Off Peak	0.580		0.708	22.1%
31		Energy Conservation Adjustment - cents per KWH	0.130		0.117	-10.0%
32		Capacity Cost Recovery Charge - cents per KWH	0.621		0.669	7.7%

Supporting Schedules:

Recap Schedules:



FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION. Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of services, demand, energy, and other service charges.

Type of Data Shown:

\_\_\_ Historical Test Year Ended \_\_/\_\_/\_\_

\_X\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_/\_\_/\_\_

Witness: Slusser

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

	(A)	(B)	(C)	(D)	(E)	(F)
	Current Rate		Current	Proposed Rate	Proposed	Percent
Line	Schedule	Type of Charge	Rate	Schedule	Rate	Incr / (Decr) [(E) - (C)] / (C)
1	IS-1/IS-2	Demand Charge - \$ per KW		IS-1/IS-2		
2		Standard	5.18		3.80	-26.6%
3		Time of Use				
4		On Peak	4.53		2.86	-36.9%
5		Base	0.82		0.94	14.6%
6		Interruptible Demand Credit				
7		IS-1, IST-1 - \$ per KW of Billing Demand	3.37		Withdrawn	n/a
8		IS-2, IST-2 - \$ per KW LF adjusted Demand	2.86		2.82	-1.4%
9		Delivery Voltage Credits - \$ per KW				
10		Primary	0.30		0.38	26.7%
11		Transmission	0.69		0.89	29.0%
12		Energy Charge - cents per KWH				
13		Standard	0.716		1.296	81.0%
14		Time of Use - On Peak	1.016		2.593	155.2%
15		Time of Use - Off Peak	0.580		0.708	22.1%
16		Energy Conservation Adjustment - cents per KWH	0.124		0.114	-8.1%
17		Capacity Cost Recovery Charge - cents per KWH	0.584		0.641	9.8%
18						
19						
20	LS-1	Energy and Demand Charge - cents per KWH		LS-1		
21		Standard	1.593		1.746	9.6%
22		Energy Conservation Adjustment - cents per KWH	0.062		0.073	17.7%
23		Capacity Cost Recovery Charge - cents per KWH	0.191		0.323	69.1%
24		Fixture & Maintenance Charges - \$ per fixture average	4.68		5.12	9.3%
25		Pole Charges - \$ per pole average	3.64		3.99	9.7%
26		Other Fixture Charge Rate - % of Installed Fixture Cost	1.46%		1.46%	0.0%
27		Other Pole Charge Rate - % of Installed Pole Cost	1.67%		1.67%	0.0%
28						
29						

Note: For proposed changes in detailed lighting fixtures, maintenance and poles charges, please refer to MFR Schedule E-16d.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION. Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of services, demand, energy, and other service charges.

Type of Data Shown:

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_X\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness. Slusser

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO : 000824-EI

	(A)	(B)	(C)	(D)	(E)	(F)
	Current Rate		Current	Proposed Rate	Proposed	Percent
Line	Schedule	Type of Charge	Rate	Schedule	Rate	Incr / (Decr)
						[(E) - (C)] / (C)
1						
2	SS-1	Base Rate Energy Customer Charge - cents per KWH	0.697	SS-1	0.708	1.6%
3		Distribution Charge - \$ per KW				
4		Applicable to Specified SB Capacity	1.50		2.52	68.0%
5		Generation and Transmission Capacity Charge				
6		Greater of : - \$ per KW				
7		Monthly Reservation Charge				
8		Applicable to Specified SB Capacity	0.835		0.731	-12.5%
9		Peak Day Utilized SB Power Charge of:	0.398		0.348	-12.6%
10						
11		Energy Conservation Adjustment - cents per KWH	0.144		0.127	-11.8%
12		Capacity Cost Recovery Charge - cents per KWH	0.703		0.738	5.0%
13						
14						
15	SS-2	Base Rate Energy Customer Charge - cents per KWH	0.697	SS-2	0.708	1.6%
16		Distribution Charge - \$ per KW				
17		Applicable to Specified SB Capacity	1.50		2.52	68.0%
18		Generation and Transmission Capacity Charge				
19		Greater of : - \$ per KW				
20		Monthly Reservation Charge				
21		Applicable to Specified SB Capacity	0.835		0.731	-12.5%
22		Peak Day Utilized SB Power Charge of:	0.398		0.348	-12.6%
23		Interruptible Capacity Credit - \$ per KW				
24		Monthly Reservation Credit	0.642		0.282	-56.1%
25		Daily Demand Credit	0.306		0.134	-56.1%
26						
27		Energy Conservation Adjustment - cents per KWH	0.124		0.114	-8.1%
28		Capacity Cost Recovery Charge - cents per KWH	0.584		0.641	9.8%
29						
30						
31						
32						

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of services, demand, energy, and other service charges.

Type of Data Shown:

☐ Historical Test Year Ended \_\_/\_\_/\_\_☒ Projected Test Year Ended 12/31/02☐ Prior Year Ended \_\_/\_\_/\_\_

COMPANY: FLORIDA POWER CORPORATION

Witness: Slusser

DOCKET NO.: 000824-EI

	(A)	(B)	(C)	(D)	(E)	(F)
	Current Rate		Current	Proposed Rate	Proposed	Percent
Line	Schedule	Type of Charge	Rate	Schedule	Rate	Incr / (Decr) [(E) - (C)] / (C)
1						
2	SS-3	Base Rate Energy Customer Charge - cents per KWH	0.697	SS-3	0.708	1.6%
3		Distribution Charge - \$ per KW				
4		Applicable to Specified SB Capacity	1.50		2.52	68.0%
5		Generation and Transmission Capacity Charge				
6		Greater of : - \$ per KW				
7		Monthly Reservation Charge				
8		Applicable to Specified SB Capacity	0.835		0.731	-12.5%
9		Peak Day Utilized SB Power Charge of:	0.398		0.348	-12.6%
10						
11		Curtailable Capacity Credit - \$ per KW				
12		Monthly Reservation Credit	0.321		0.212	-34.1%
13		Daily Demand Credit	0.153		0.101	-34.2%
14						
15		Energy Conservation Adjustment - cents per KWH	0.130		0.117	-10.0%
16		Capacity Cost Recovery Charge - cents per KWH	0.621		0.669	7.7%
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

Supporting Schedules:

Recap Schedules:

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)

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

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 \_\_\_/\_\_\_/\_\_\_

COMPANY FLORIDA POWER CORPORATION

\_X\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO 000824-EI

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)

Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_/\_\_/\_\_

☒ Projected Test Year Ended 12/31/02

☐ Prior Year Ended \_\_/\_\_/\_\_

Witness: Slusser

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

This information is provided on the following attached tables:

Table 1A - 12CP and 1/13th AD Production Cost Allocation Method

Table 2A - 12CP and 25% AD Production Cost Allocation Method

Table 3A - 12CP and 50% AD Production Cost Allocation Method

Supporting Schedules:

Recap Schedules:

TABLE 1A  
FLORIDA POWER CORPORATION  
ALLOCATED CLASS COST OF SERVICE & RATE OF RETURN STUDY  
PROJECTED CALENDAR 2002 DATA: FULLY ADJUSTED  
PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13 AD (IS/CS TREATED AS FIRM)  
DOLLAR AMOUNTS IN THOUSANDS  
PRESENT REVENUES AND REVENUE CREDITS

Line No.		(1) TOTAL RETAIL	(2) RESIDENTIAL (RS)	(3) GEN SERV NON DEM (GS-1)	(4) GEN SERV 100% LF (GS-2)	(5) GEN SERV DEMAND (GSD, SS-1)	(6) CURTAIL- ABLE (CS, SS-3)	(7) INTERRUPT- IBLE (IS, SS-2)	(8) ENERGY	(9) LIGHTING (LS) FIXTURE/ MAINT	(10) POLE
1	TOTAL RATE BASE	\$ 3,665,495	\$ 2,353,138	\$ 134,224	\$ 5,865	\$ 934,012	\$ 9,426	\$ 114,207	\$ 11,457	\$ 62,452	\$ 40,713
DEVELOPMENT OF RETURN:											
2	PRESENT CLASS REVENUE	\$ 1,397,246	\$ 886,989	\$ 61,766	\$ 2,542	\$ 359,989	\$ 4,114	\$ 44,335	\$ 5,283	\$ 21,929	\$ 10,299
3	REVENUE CREDITS	\$ 37,556	\$ 26,948	\$ 1,791	\$ 104	\$ 7,455	\$ 74	\$ 789	\$ 133	\$ 159	\$ 102
4	TOTAL REVENUES	\$ 1,434,802	\$ 913,937	\$ 63,557	\$ 2,646	\$ 367,444	\$ 4,188	\$ 45,124	\$ 5,416	\$ 22,088	\$ 10,401
5	LESS TOTAL OPERATING EXPENSES	\$ 1,075,248	\$ 689,031	\$ 44,793	\$ 2,214	\$ 270,031	\$ 2,915	\$ 34,364	\$ 4,165	\$ 18,672	\$ 9,060
6	EQUALS. RETURN EARNED (L. 4 - L. 5)	\$ 359,554	\$ 224,906	\$ 18,764	\$ 432	\$ 97,413	\$ 1,273	\$ 10,760	\$ 1,251	\$ 3,416	\$ 1,341
7	RATE OF RETURN EARNED (L. 6/ L. 1)	9.809%	9.558%	13.980%	7.366%	10.430%	13.505%	9.421%	10.919%	5.470%	3.294%
8	RATE OF RETURN INDEX	1.00	0.97	1.43	0.75	1.06	1.38	0.96	1.11	0.56	0.34
DEVELOPMENT OF CLASS REVENUE REQUIREMENTS:											
9	ALLOWED RETURN @ 9.809% ROR	\$ 359,548	\$ 230,819	\$ 13,166	\$ 575	\$ 91,617	\$ 925	\$ 11,203	\$ 1,124	\$ 6,126	\$ 3,994
10	RETURN DEFICIENCY/(SURPLUS) (L. 9 - L. 6)	\$ (6)	\$ 5,913	\$ (5,598)	\$ 143	\$ (5,796)	\$ (348)	\$ 443	\$ (127)	\$ 2,710	\$ 2,653
11	REVENUE DEFICIENCY/(SURPLUS) (L. 10 * 1.631349)	\$ (9)	\$ 9,647	\$ (9,132)	\$ 234	\$ (9,455)	\$ (568)	\$ 722	\$ (207)	\$ 4,421	\$ 4,327
12	TOTAL REVENUE REQUIREMENT (L. 4 + L. 11)	\$ 1,434,793	\$ 923,584	\$ 54,425	\$ 2,880	\$ 357,989	\$ 3,620	\$ 45,846	\$ 5,209	\$ 26,509	\$ 14,728
13	LESS: REVENUE CREDITS	\$ 37,556	\$ 26,948	\$ 1,791	\$ 104	\$ 7,455	\$ 74	\$ 789	\$ 133	\$ 159	\$ 102
14	EQUALS: CLASS REVENUE REQUIREMENT (L. 12 - L. 13)	\$ 1,397,237	\$ 896,636	\$ 52,634	\$ 2,776	\$ 350,534	\$ 3,546	\$ 45,057	\$ 5,076	\$ 26,350	\$ 14,626
15	CLASS REVENUE REQUIREMENT INDEX (L. 14/L. 12)	1.00	0.99	1.17	0.92	1.03	1.16	0.98	1.04	0.83	0.70

TABLE 1A Supplement P.1572

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13TH AD  
 PRESENT REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPS13-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 1  
 ADJs:

SUMMARY OF RESULTS	ITEM ALLO	TOTAL		GEN SERVICE	GEN SERVICE	GEN SERVICE	CURTAILABLE	INTERRUPTIBLE
		ELECTRIC	RESIDENTIAL	NON DEMAND	100% LF	DEMAND	SERVICE	SERVICE
1 <u>RATE BASE</u>								
2 GROSS ELECTRIC PLT IN SERVICE	GP11	6,876,126	4,404,396	247,223	11,237	1,755,049	17,121	217,808
3 TOTAL DEPRECIATION RESERVE	DR11	-3,414,348	-2,159,501	-117,932	-5,439	-895,193	-8,487	-114,133
4 <u>TOTAL RATE BASE ADJUSTMENTS</u>	RB71	203,717	108,243	4,933	67	74,156	792	10,532
5 <u>TOTAL RATE BASE</u>	RB91	3,665,495	2,353,138	134,224	5,865	934,012	9,426	114,207
6 <u>OPERATING EXPENSES</u>								
7 TOTAL O & M EXPENSE	OM31	503,135	330,089	20,834	1,360	121,479	1,289	16,546
8 TOTAL DEPRECIATION EXPENSE	DE41	323,658	203,164	11,337	534	81,665	772	10,292
9 TOTAL OTHER TAX & MISC EXPENSE	L591	91,917	58,987	3,362	161	23,360	231	2,934
10 <u>MISC ALLOWABLE EXPENSES</u>	M621	-789	-511	-21	-1	-199	-1	-25
11 TOTAL OP EXP EX INC & REV TAX	OP61	917,921	591,729	35,512	2,054	226,305	2,291	29,747
12 NET FED INCOME TAX ALLOWABLE	I879	129,205	82,967	4,739	205	32,918	334	4,018
13 <u>NET STATE INCOME TAX ALLOWABLE</u>	J979	28,123	18,049	1,027	45	7,168	72	878
14 <u>TOTAL OPERATING EXPENSE</u>	OPEX	1,075,249	692,745	41,278	2,304	266,391	2,697	34,643
15 RETURN ON RATE BASE	R751	359,549	230,819	13,166	575	91,617	925	11,203
16 <u>TOTAL REVENUE CREDITS</u>	Q027	-37,556	-26,948	-1,791	-104	-7,455	-74	-789
17 <u>TOTAL ELECTRIC COST OF SERVICE</u>	CS05	1,397,242	896,616	52,653	2,775	350,553	3,548	45,057
18 <u>PRESENT CLASS REVENUES</u>	R602	1,397,248	886,989	61,766	2,542	359,989	4,114	44,335
19 <u>EXCESS REVENUES</u>	XREV	6	-9,627	9,113	-233	9,436	566	-722
20 TOTAL RETURN EARNED	RETE	359,554	224,906	18,764	432	97,413	1,273	10,760
21 RATE OF RETURN EARNED	RORE	0.09809	0.09558	0.13980	0.07366	0.10430	0.13505	0.09421
22 TOTAL RATE OF RETURN ALLOWABLE	RORA	0.09809	0.09809	0.09809	0.09809	0.09809	0.09809	0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.13201	0.12732	0.20976	0.08646	0.14358	0.20091	0.12478
24 ALLOWED RETURN ON COM EQUITY	AROE		0.13200	0.13200	0.13200	0.13200	0.13200	0.13200
25 PRESENT CLASS REVENUES	R600	1,397,248	886,989	61,766	2,542	359,989	4,114	44,335
26 REVENUE INCREASE JUSTIFIED	RIJD	-6	9,627	-9,113	233	-9,436	-566	722
27 PER UNIT PRES REV	RIJP	-0.00000	0.01085	-0.14754	0.09166	-0.02621	-0.13758	0.01629



# TABLE 1A Supplement P.2 of 2

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13TH AD  
 PRESENT REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC13-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 2  
 ADJs:

SUMMARY OF RESULTS	ITEM ALLO	LIGHTING ENERGY	LIGHTING FIXTURE/MAINT	LIGHTING POLES	TOTAL AT ISSUE	ALL OTHER
1 RATE BASE						
2 GROSS ELECTRIC PLT IN SERVICE	GP11	19,682	126,928	76,679	6,876,123	3
3 TOTAL DEPRECIATION RESERVE	DR11	-8,742	-67,274	-37,644	-3,414,345	-3
4 TOTAL RATE BASE ADJUSTMENTS	RB71	517	2,798	1,678	203,716	1
5 TOTAL RATE BASE	RB91	11,457	62,452	40,713	3,665,494	1
6 OPERATING EXPENSES						
7 TOTAL O & M EXPENSE	OM31	2,423	5,653	3,456	503,129	6
8 TOTAL DEPRECIATION EXPENSE	DE41	880	10,454	4,560	323,658	0
9 TOTAL OTHER TAX & MISC EXPENSE	L591	288	1,618	977	91,918	-1
10 MISC ALLOWABLE EXPENSES	M621	-1	-17	-12	-788	-1
11 TOTAL OP EXP EX INC & REV TAX	OP61	3,590	17,708	8,981	917,917	4
12 NET FED INCOME TAX ALLOWABLE	I879	408	2,181	1,433	129,203	2
13 NET STATE INCOME TAX ALLOWABLE	J979	87	485	312	28,123	0
14 TOTAL OPERATING EXPENSE	OPEX	4,085	20,374	10,726	1,075,243	6
15 RETURN ON RATE BASE	R751	1,124	6,126	3,994	359,549	0
16 TOTAL REVENUE CREDITS	Q027	-133	-159	-102	-37,555	-1
17 TOTAL ELECTRIC COST OF SERVICE	CS05	5,076	26,341	14,618	1,397,237	5
18 PRESENT CLASS REVENUES	R602	5,283	21,929	10,299	1,397,246	2
19 EXCESS REVENUES	XREV	207	-4,412	-4,319	9	-3
20 TOTAL RETURN EARNED	RETE	1,251	3,416	1,341	359,556	-2
21 RATE OF RETURN EARNED	RORE	0.10919	0.05470	0.03294	0.09809	-2.00000
22 TOTAL RATE OF RETURN ALLOWABLE	RORA	0.09809	0.09809	0.09809	0.09809	0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.15270	0.05111	0.01055	0.13201	-3.77935
24 ALLOWED RETURN ON COM EQUITY	AROE	0.13200	0.13200	0.13200	0.13200	0.13200
25 PRESENT CLASS REVENUES	R600	5,283	21,929	10,299	1,397,246	2
26 REVENUE INCREASE JUSTIFIED	RIJD	-207	4,412	4,319	-9	3
27 PER UNIT PRES REV	RIJP	-0.03918	0.20119	0.41936	-0.00001	1.50000

**TABLE 2A**  
**FLORIDA POWER CORPORATION**  
**ALLOCATED CLASS COST OF SERVICE & RATE OF RETURN STUDY**  
**PROJECTED CALENDAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD (IS/CS TREATED AS FIRM)**  
**DOLLAR AMOUNTS IN THOUSANDS**  
**PRESENT REVENUES AND REVENUE CREDITS**

Line No.		(1) TOTAL RETAIL	(2) RESIDENTIAL (RS)	(3) GEN SERV NON DEM (GS-1)	(4) GEN SERV 100% LF (GS-2)	(5) GEN SERV DEMAND (GSD, SS-1)	(6) CURTAIL- ABLE (CS, SS-3)	(7) INTERRUPT- IBLE (IS, SS-2)	(8) ENERGY	(9) LIGHTING (LS) FIXTURE/ MAINT	(10) POLE
1	TOTAL RATE BASE	\$ 3,665,495	\$ 2,322,890	\$ 134,964	\$ 6,040	\$ 955,406	\$ 9,995	\$ 119,927	\$ 13,103	\$ 62,452	\$ 40,713
<b>DEVELOPMENT OF RETURN:</b>											
2	PRESENT CLASS REVENUE	\$ 1,397,246	\$ 886,989	\$ 61,766	\$ 2,542	\$ 359,989	\$ 4,114	\$ 44,335	\$ 5,283	\$ 21,929	\$ 10,299
3	REVENUE CREDITS	\$ 37,556	\$ 26,825	\$ 1,793	\$ 104	\$ 7,542	\$ 76	\$ 813	\$ 141	\$ 159	\$ 102
4	TOTAL REVENUES	\$ 1,434,802	\$ 913,814	\$ 63,559	\$ 2,646	\$ 367,531	\$ 4,190	\$ 45,148	\$ 5,424	\$ 22,088	\$ 10,401
5	LESS TOTAL OPERATING EXPENSES	\$ 1,075,250	\$ 684,656	\$ 44,904	\$ 2,240	\$ 273,130	\$ 2,996	\$ 35,192	\$ 4,401	\$ 18,672	\$ 9,060
6	EQUALS. RETURN EARNED (L. 4 - L. 5)	\$ 359,552	\$ 229,158	\$ 18,655	\$ 406	\$ 94,401	\$ 1,194	\$ 9,956	\$ 1,023	\$ 3,416	\$ 1,341
7	RATE OF RETURN EARNED (L. 6/ L. 1)	9.809%	9.865%	13.822%	6.722%	9.881%	11.946%	8.302%	7.807%	5.470%	3.294%
8	RATE OF RETURN INDEX	1.00	1.01	1.41	0.69	1.01	1.22	0.85	0.80	0.56	0.34
<b>DEVELOPMENT OF CLASS REVENUE REQUIREMENTS:</b>											
9	ALLOWED RETURN @ 9.809% ROR	\$ 359,548	\$ 227,852	\$ 13,239	\$ 592	\$ 93,716	\$ 980	\$ 11,764	\$ 1,285	\$ 6,126	\$ 3,994
10	RETURN DEFICIENCY/(SURPLUS) (L. 9 - L. 6)	\$ (4)	\$ (1,306)	\$ (5,416)	\$ 186	\$ (685)	\$ (214)	\$ 1,808	\$ 262	\$ 2,710	\$ 2,653
11	REVENUE DEFICIENCY/(SURPLUS) (L. 10 * 1.631349)	\$ (6)	\$ (2,130)	\$ (8,836)	\$ 304	\$ (1,118)	\$ (348)	\$ 2,949	\$ 428	\$ 4,421	\$ 4,327
12	TOTAL REVENUE REQUIREMENT (L. 4 + L. 11)	\$ 1,434,796	\$ 911,684	\$ 54,723	\$ 2,950	\$ 366,413	\$ 3,842	\$ 48,097	\$ 5,852	\$ 26,509	\$ 14,728
13	LESS: REVENUE CREDITS	\$ 37,556	\$ 26,825	\$ 1,793	\$ 104	\$ 7,542	\$ 76	\$ 813	\$ 141	\$ 159	\$ 102
14	EQUALS. CLASS REVENUE REQUIREMENT (L. 12 - L. 13)	\$ 1,397,240	\$ 884,859	\$ 52,930	\$ 2,846	\$ 358,871	\$ 3,766	\$ 47,284	\$ 5,711	\$ 26,350	\$ 14,626
15	CLASS REVENUE REQUIREMENT INDEX (L. 2/L. 14)	1.00	1.00	1.17	0.89	1.00	1.09	0.94	0.93	0.83	0.70

TABLE 2A Supplement P.1572

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD  
 PRESENT REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC25-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 1  
 ADJs:

SUMMARY OF RESULTS	ITEM ALLO	TOTAL ELECTRIC	RESIDENTIAL	GEN SERVICE NON DEMAND	GEN SERVICE 100% LF	GEN SERVICE DEMAND	CURTAILABLE SERVICE	INTERRUPTIBLE SERVICE
1 <u>RATE BASE</u>								
2 GROSS ELECTRIC PLT IN SERVICE	GP11	6,876,126	4,335,870	248,909	11,635	1,803,525	18,407	230,764
3 TOTAL DEPRECIATION RESERVE	DR11	-3,414,348	-2,119,344	-118,921	-5,673	-923,599	-9,240	-121,725
4 <u>TOTAL RATE BASE ADJUSTMENTS</u>	RB71	<u>203,717</u>	<u>106,364</u>	<u>4,976</u>	<u>78</u>	<u>75,480</u>	<u>828</u>	<u>10,888</u>
5 <u>TOTAL RATE BASE</u>	RB91	<u>3,665,495</u>	<u>2,322,890</u>	<u>134,964</u>	<u>6,040</u>	<u>955,406</u>	<u>9,995</u>	<u>119,927</u>
6 <u>OPERATING EXPENSES</u>								
7 TOTAL O & M EXPENSE	OM31	503,135	326,942	20,914	1,378	123,710	1,349	17,142
8 TOTAL DEPRECIATION EXPENSE	DE41	323,658	199,540	11,427	556	84,229	839	10,976
9 TOTAL OTHER TAX & MISC EXPENSE	L591	91,917	58,113	3,383	167	23,979	246	3,099
10 <u>MISC ALLOWABLE EXPENSES</u>	M621	<u>-789</u>	<u>-493</u>	<u>-21</u>	<u>-1</u>	<u>-211</u>	<u>-2</u>	<u>-28</u>
11 TOTAL OP EXP EX INC & REV TAX	OP61	917,921	584,102	35,703	2,100	231,707	2,432	31,189
12 NET FED INCOME TAX ALLOWABLE	I879	129,205	81,925	4,767	211	33,655	354	4,215
13 <u>NET STATE INCOME TAX ALLOWABLE</u>	J979	<u>28,123</u>	<u>17,809</u>	<u>1,033</u>	<u>46</u>	<u>7,338</u>	<u>76</u>	<u>924</u>
14 <u>TOTAL OPERATING EXPENSE</u>	OPEX	<u>1,075,249</u>	<u>683,836</u>	<u>41,503</u>	<u>2,357</u>	<u>272,700</u>	<u>2,862</u>	<u>36,328</u>
15 RETURN ON RATE BASE	R751	359,548	227,852	13,239	592	93,716	980	11,764
16 <u>TOTAL REVENUE CREDITS</u>	Q027	<u>-37,556</u>	<u>-26,825</u>	<u>-1,793</u>	<u>-104</u>	<u>-7,542</u>	<u>-76</u>	<u>-813</u>
17 <u>TOTAL ELECTRIC COST OF SERVICE</u>	CS05	<u>1,397,241</u>	<u>884,863</u>	<u>52,949</u>	<u>2,845</u>	<u>358,874</u>	<u>3,766</u>	<u>47,279</u>
18 <u>PRESENT CLASS REVENUES</u>	R602	<u>1,397,246</u>	<u>886,989</u>	<u>61,766</u>	<u>2,542</u>	<u>359,989</u>	<u>4,114</u>	<u>44,335</u>
19 <u>EXCESS REVENUES</u>	XREV	<u>5</u>	<u>2,126</u>	<u>8,817</u>	<u>-303</u>	<u>1,115</u>	<u>348</u>	<u>-2,944</u>
20 TOTAL RETURN EARNED	RETE	359,552	229,158	18,655	406	94,401	1,194	9,956
21 RATE OF RETURN EARNED	RORE	0.09809	0.09865	0.13822	0.06722	0.09881	0.11946	0.08302
22 TOTAL RATE OF RETURN ALLOWABLE	RORA	0.09809	0.09809	0.09809	0.09809	0.09809	0.09809	0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.13201	0.13306	0.20682	0.07446	0.13334	0.17185	0.10391
24 <u>ALLOWED RETURN ON COM EQUITY</u>	AROE	<u>0.13200</u>	<u>0.13200</u>	<u>0.13200</u>	<u>0.13200</u>	<u>0.13200</u>	<u>0.13200</u>	<u>0.13200</u>
25 PRESENT CLASS REVENUES	R600	1,397,246	886,989	61,766	2,542	359,989	4,114	44,335
26 REVENUE INCREASE JUSTIFIED	RIJD	-5	-2,126	-8,817	303	-1,115	-348	2,944
27 <u>PER UNIT PRES REV</u>	RIJP	<u>-0.00000</u>	<u>-0.00240</u>	<u>-0.14275</u>	<u>0.11920</u>	<u>-0.00310</u>	<u>-0.08459</u>	<u>0.06640</u>

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# TABLE 2A Supplement P. 2 of 2

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD  
 PRESENT REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC25-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 2  
 ADJS:

SUMMARY OF RESULTS		ITEM	ALLO	LIGHTING ENERGY	LIGHTING FIXTURE/MAINT	LIGHTING POLES	TOTAL AT ISSUE	ALL OTHER
1	RATE BASE							
2	GROSS ELECTRIC PLT IN SERVICE	GP11		23,408	126,928	76,679	6,876,125	1
3	TOTAL DEPRECIATION RESERVE	DR11		-10,924	-67,274	-37,644	-3,414,344	-4
4	TOTAL RATE BASE ADJUSTMENTS	RB71		619	2,798	1,678	203,709	8
5	TOTAL RATE BASE	RB91		13,103	62,452	40,713	3,665,490	5
6	OPERATING EXPENSES							
7	TOTAL O & M EXPENSE	OM31		2,593	5,653	3,456	503,137	-2
8	TOTAL DEPRECIATION EXPENSE	DE41		1,075	10,454	4,560	323,656	2
9	TOTAL OTHER TAX & MISC EXPENSE	L591		335	1,618	977	91,917	0
10	MISC ALLOWABLE EXPENSES	M621		-2	-17	-12	-787	-2
11	TOTAL OP EXP EX INC & REV TAX	OP61		4,001	17,708	8,981	917,923	-2
12	NET FED INCOME TAX ALLOWABLE	I879		464	2,181	1,433	129,205	0
13	NET STATE INCOME TAX ALLOWABLE	J979		100	485	312	28,123	0
14	TOTAL OPERATING EXPENSE	OPEX		4,565	20,374	10,726	1,075,251	-2
15	RETURN ON RATE BASE	R751		1,285	6,126	3,994	359,548	0
16	TOTAL REVENUE CREDITS	Q027		-141	-159	-102	-37,555	-1
17	TOTAL ELECTRIC COST OF SERVICE	CS05		5,709	26,341	14,618	1,397,244	-3
18	PRESENT CLASS REVENUES	R602		5,283	21,929	10,299	1,397,246	0
19	EXCESS REVENUES	XREV		-426	-4,412	-4,319	2	3
20	TOTAL RETURN EARNED	RETE		1,023	3,416	1,341	359,550	2
21	RATE OF RETURN EARNED	RORE		0.07807	0.05470	0.03294	0.09809	0.40000
22	TOTAL RATE OF RETURN ALLOWABLE	RORA		0.09809	0.09809	0.09809		0.09809
23	RETURN EARNED ON COMMON EQUITY	REOE		0.09469	0.05111	0.01055	0.13201	0.69484
24	ALLOWED RETURN ON COM EQUITY	AROE		0.13200	0.13200	0.13200		0.13200
25	PRESENT CLASS REVENUES	R600		5,283	21,929	10,299	1,397,246	0
26	REVENUE INCREASE JUSTIFIED	RIJD		426	4,412	4,319	-2	-3
27	PER UNIT PRES REV	RIJP		0.08064	0.20119	0.41936	-0.00000	**,*****

**TABLE 3A**  
**FLORIDA POWER CORPORATION**  
**ALLOCATED CLASS COST OF SERVICE & RATE OF RETURN STUDY**  
**PROJECTED CALENDAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD (IS/CS TREATED AS FIRM)**  
**DOLLAR AMOUNTS IN THOUSANDS**  
**PRESENT REVENUES AND REVENUE CREDITS**

Line No.	(1) TOTAL RETAIL	(2) RESIDENTIAL (RS)	(3) GEN SERV NON DEM (GS-1)	(4) GEN SERV 100% LF (GS-2)	(5) GEN SERV DEMAND (GSD, SS-1)	(6) CURTAIL- ABLE (CS, SS-3)	(7) INTERRUPT- IBLE (IS, SS-2)	(8) ENERGY	(9) LIGHTING (LS) FIXTURE/ MAINT	(10) POLE
<b>SUMMARY OF RESULTS</b>										
1 TOTAL RATE BASE	\$ 3,665,495	\$ 2,279,256	\$ 136,030	\$ 6,318	\$ 986,279	\$ 10,794	\$ 128,168	\$ 15,490	\$ 62,452	\$ 40,713
<b>DEVELOPMENT OF RETURN:</b>										
2 PRESENT CLASS REVENUE	\$ 1,397,246	\$ 886,989	\$ 61,766	\$ 2,542	\$ 359,989	\$ 4,114	\$ 44,335	\$ 5,283	\$ 21,929	\$ 10,299
3 REVENUE CREDITS	\$ 37,556	\$ 26,647	\$ 1,798	\$ 106	\$ 7,667	\$ 80	\$ 847	\$ 150	\$ 159	\$ 102
4 TOTAL REVENUES	\$ 1,434,802	\$ 913,636	\$ 63,564	\$ 2,648	\$ 367,656	\$ 4,194	\$ 45,182	\$ 5,433	\$ 22,088	\$ 10,401
5 LESS TOTAL OPERATING EXPENSES	\$ 1,075,251	\$ 678,343	\$ 45,054	\$ 2,278	\$ 277,595	\$ 3,117	\$ 36,382	\$ 4,748	\$ 18,672	\$ 9,060
6 EQUALS RETURN EARNED (L 4 - L 5)	\$ 359,551	\$ 235,293	\$ 18,510	\$ 370	\$ 90,061	\$ 1,077	\$ 8,800	\$ 685	\$ 3,416	\$ 1,341
7 RATE OF RETURN EARNED (L 6 / L 1)	9.809%	10.323%	13.607%	5.856%	9.131%	9.978%	6.866%	4.422%	5.470%	3.294%
8 RATE OF RETURN INDEX	1.00	1.05	1.39	0.60	0.93	1.02	0.70	0.45	0.56	0.34
<b>DEVELOPMENT OF CLASS REVENUE REQUIREMENTS:</b>										
9 ALLOWED RETURN @ 9.809% ROR	\$ 359,548	\$ 223,572	\$ 13,343	\$ 620	\$ 96,744	\$ 1,059	\$ 12,572	\$ 1,519	\$ 6,126	\$ 3,994
10 RETURN DEFICIENCY/(SURPLUS) (L 9 - L 6)	\$ (3)	\$ (11,721)	\$ (5,167)	\$ 250	\$ 6,683	\$ (18)	\$ 3,772	\$ 834	\$ 2,710	\$ 2,653
11 REVENUE DEFICIENCY/(SURPLUS) (L 10 * 1.631349)	\$ (4)	\$ (19,121)	\$ (8,429)	\$ 407	\$ 10,902	\$ (30)	\$ 6,153	\$ 1,361	\$ 4,421	\$ 4,327
12 TOTAL REVENUE REQUIREMENT (L 4 + L 11)	\$ 1,434,798	\$ 894,515	\$ 55,135	\$ 3,055	\$ 378,558	\$ 4,164	\$ 51,335	\$ 6,794	\$ 26,509	\$ 14,728
13 LESS REVENUE CREDITS	\$ 37,556	\$ 26,647	\$ 1,798	\$ 106	\$ 7,667	\$ 80	\$ 847	\$ 150	\$ 159	\$ 102
14 EQUALS CLASS REVENUE REQUIREMENT (L 12 - L 13)	\$ 1,397,242	\$ 867,868	\$ 53,337	\$ 2,949	\$ 370,891	\$ 4,084	\$ 50,488	\$ 6,644	\$ 26,350	\$ 14,626
15 CLASS REVENUE REQUIREMENT INDEX (L 14 / L 12)	1.00	1.02	1.16	0.86	0.97	1.01	0.88	0.80	0.83	0.70

TABLE 3A Supplement P.1572

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD  
 PRESENT REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC50-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 1  
 ADJs:

SUMMARY OF RESULTS	ITEM ALLO	TOTAL ELECTRIC	RESIDENTIAL	GEN SERVICE NON DEMAND	GEN SERVICE 100% LF	GEN SERVICE DEMAND	CURTAILABLE SERVICE	INTERRUPTIBLE SERVICE
1 RATE BASE								
2 GROSS ELECTRIC PLT IN SERVICE	GP11	6,876,126	4,237,009	251,312	12,263	1,873,471	20,221	249,431
3 TOTAL DEPRECIATION RESERVE	DR11	-3,414,348	-2,061,411	-120,328	-6,042	-964,587	-10,302	-132,664
4 TOTAL RATE BASE ADJUSTMENTS	RB71	203,717	103,658	5,046	97	77,395	875	11,401
5 TOTAL RATE BASE	RB91	3,665,495	2,279,256	136,030	6,318	986,279	10,794	128,168
6 OPERATING EXPENSES								
7 TOTAL O & M EXPENSE	OM31	503,135	322,400	21,022	1,404	126,923	1,436	17,998
8 TOTAL DEPRECIATION EXPENSE	DE41	323,658	194,314	11,551	588	87,927	937	11,962
9 TOTAL OTHER TAX & MISC EXPENSE	L591	91,917	56,852	3,414	175	24,871	270	3,337
10 MISC ALLOWABLE EXPENSES	M621	-789	-468	-22	-1	-229	-2	-33
11 TOTAL OP EXP EX INC & REV TAX	OP61	917,921	573,098	35,965	2,166	239,492	2,641	33,264
12 NET FED INCOME TAX ALLOWABLE	I879	129,205	80,421	4,803	220	34,718	381	4,498
13 NET STATE INCOME TAX ALLOWABLE	J979	28,124	17,464	1,041	49	7,582	83	989
14 TOTAL OPERATING EXPENSE	OPEX	1,075,250	670,983	41,809	2,435	281,792	3,105	38,751
15 RETURN ON RATE BASE	R751	359,549	223,572	13,343	620	96,744	1,059	12,572
16 TOTAL REVENUE CREDITS	Q027	-37,556	-26,647	-1,798	-106	-7,667	-80	-847
17 TOTAL ELECTRIC COST OF SERVICE	CS05	1,397,243	867,908	53,354	2,949	370,869	4,084	50,476
18 PRESENT CLASS REVENUES	R602	1,397,246	886,989	61,766	2,542	359,989	4,114	44,335
19 EXCESS REVENUES	XREV	3	19,081	8,412	-407	-10,880	30	-6,141
20 TOTAL RETURN EARNED	RETE	359,551	235,293	18,510	370	90,061	1,077	8,800
21 RATE OF RETURN EARNED	RORE	0.09809	0.10323	0.13607	0.05856	0.09131	0.09978	0.06866
22 TOTAL RATE OF RETURN ALLOWABLE	RORA		0.09809	0.09809	0.09809	0.09809	0.09809	0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.13201	0.14159	0.20282	0.05832	0.11938	0.13515	0.07714
24 ALLOWED RETURN ON COM EQUITY	AROE		0.13200	0.13200	0.13200	0.13200	0.13200	0.13200
25 PRESENT CLASS REVENUES	R600	1,397,246	886,989	61,766	2,542	359,989	4,114	44,335
26 REVENUE INCREASE JUSTIFIED	RIJD	-3	-19,081	-8,412	407	10,880	-30	6,141
27 PER UNIT PRES REV	RIJP	-0.00000	-0.02151	-0.13619	0.16011	0.03022	-0.00729	0.13851

TABLE 3A Supplement P. 2 of 2

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD  
 PRESENT REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC50-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 2  
 ADJs:

SUMMARY OF RESULTS	ITEM ALLO	LIGHTING ENERGY	LIGHTING FIXTURE/MAINT	LIGHTING POLES	TOTAL AT ISSUE	ALL OTHER
1 RATE BASE						
2 GROSS ELECTRIC PLT IN SERVICE	GP11	28,815	126,928	76,679	6,876,129	-3
3 TOTAL DEPRECIATION RESERVE	DR11	-14,093	-67,274	-37,644	-3,414,345	-3
4 TOTAL RATE BASE ADJUSTMENTS	RB71	768	2,798	1,678	203,716	1
5 TOTAL RATE BASE	RB91	15,490	62,452	40,713	3,665,500	-5
6 OPERATING EXPENSES						
7 TOTAL O & M EXPENSE	OM31	2,844	5,653	3,456	503,136	-1
8 TOTAL DEPRECIATION EXPENSE	DE41	1,361	10,454	4,560	323,654	4
9 TOTAL OTHER TAX & MISC EXPENSE	L591	404	1,618	977	91,918	-1
10 MISC ALLOWABLE EXPENSES	M621	-3	-17	-12	-787	-2
11 TOTAL OP EXP EX INC & REV TAX	OP61	4,606	17,708	8,981	917,921	0
12 NET FED INCOME TAX ALLOWABLE	I879	547	2,181	1,433	129,202	3
13 NET STATE INCOME TAX ALLOWABLE	J979	119	485	312	28,124	0
14 TOTAL OPERATING EXPENSE	OPEX	5,272	20,374	10,726	1,075,247	3
15 RETURN ON RATE BASE	R751	1,519	6,126	3,994	359,549	0
16 TOTAL REVENUE CREDITS	Q027	-150	-159	-102	-37,556	-0
17 TOTAL ELECTRIC COST OF SERVICE	CS05	6,641	26,341	14,618	1,397,240	3
18 PRESENT CLASS REVENUES	R602	5,283	21,929	10,299	1,397,246	0
19 EXCESS REVENUES	XREV	-1,358	-4,412	-4,319	6	-3
20 TOTAL RETURN EARNED	RETE	685	3,416	1,341	359,553	-2
21 RATE OF RETURN EARNED	RORE	0.04422	0.05470	0.03294	0.09809	0.40000
22 TOTAL RATE OF RETURN ALLOWABLE	RORA	0.09809	0.09809	0.09809		0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.03158	0.05111	0.01055	0.13201	0.69484
24 ALLOWED RETURN ON COM EQUITY	AROE	0.13200	0.13200	0.13200		0.13200
25 PRESENT CLASS REVENUES	R600	5,283	21,929	10,299	1,397,246	0
26 REVENUE INCREASE JUSTIFIED	RIJD	1,358	4,412	4,319	-6	3
27 PER UNIT PRES REV	RIJP	0.25705	0.20119	0.41936	-0.00000	***.*****

SCHEDULE E-3b

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

Page 1 of 1

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

This information is provided on the following attached tables:

Table 1B - 12CP and 1/13th AD Production Cost Allocation Method

Table 2B - 12CP and 25% AD Production Cost Allocation Method

Table 3B - 12CP and 50% AD Production Cost Allocation Method

Supporting Schedules:

Recap Schedules:



**TABLE 1B**  
**FLORIDA POWER CORPORATION**  
**ALLOCATED CLASS COST OF SERVICE & RATE OF RETURN STUDY**  
**PROJECTED CALENDAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13 AD (IS/CS TREATED AS FIRM)**  
**DOLLAR AMOUNTS IN THOUSANDS**  
**PROPOSED REVENUES AND REVENUE CREDITS**

Line No.	(1) TOTAL RETAIL	(2) RESIDENTIAL (RS)	(3) GEN SERV NON DEM (GS-1)	(4) GEN SERV 100% LF (GS-2)	(5) GEN SERV DEMAND (GSD, SS-1)	(6) CURTAIL- ABLE (CS, SS-3)	(7) INTERRUPT- IBLE (IS, SS-2)	(8) ENERGY	(9) LIGHTING (LS) FIXTURE/ MAINT	(10) POLE
<b>SUMMARY OF RESULTS</b>										
1 TOTAL RATE BASE	\$ 3,665,495	\$ 2,353,138	\$ 134,224	\$ 5,865	\$ 934,012	\$ 9,426	\$ 114,207	\$ 11,457	\$ 62,452	\$ 40,713
<b>DEVELOPMENT OF RETURN:</b>										
2 PROPOSED CLASS REVENUE	\$ 1,385,996	\$ 871,872	\$ 60,834	\$ 2,765	\$ 358,519	\$ 3,765	\$ 47,270	\$ 5,708	\$ 23,970	\$ 11,293
3 PROPOSED REVENUE CREDITS	\$ 48,860	\$ 36,986	\$ 2,608	\$ 184	\$ 7,823	\$ 74	\$ 789	\$ 135	\$ 159	\$ 102
4 TOTAL REVENUES	\$ 1,434,856	\$ 908,858	\$ 63,442	\$ 2,949	\$ 366,342	\$ 3,839	\$ 48,059	\$ 5,843	\$ 24,129	\$ 11,395
5 LESS: TOTAL OPERATING EXPENSES	\$ 1,075,268	\$ 687,072	\$ 44,749	\$ 2,331	\$ 269,606	\$ 2,781	\$ 35,497	\$ 4,330	\$ 19,459	\$ 9,443
6 EQUALS RETURN EARNED (L. 4 - L. 5)	\$ 359,588	\$ 221,786	\$ 18,693	\$ 618	\$ 96,736	\$ 1,058	\$ 12,562	\$ 1,513	\$ 4,670	\$ 1,952
7 RATE OF RETURN EARNED (L. 6/ L. 1)	9.810%	9.425%	13.927%	10.537%	10.357%	11.224%	10.999%	13.206%	7.478%	4.795%
8 RATE OF RETURN INDEX	1.00	0.96	1.42	1.07	1.06	1.14	1.12	1.35	0.76	0.49
<b>DEVELOPMENT OF CLASS REVENUE REQUIREMENTS:</b>										
9 ALLOWED RETURN @ 9.809% ROR	\$ 359,548	\$ 230,819	\$ 13,166	\$ 575	\$ 91,617	\$ 925	\$ 11,203	\$ 1,124	\$ 6,126	\$ 3,994
10 RETURN DEFICIENCY/(SURPLUS) (L. 9 - L. 6)	\$ (40)	\$ 9,033	\$ (5,527)	\$ (43)	\$ (5,119)	\$ (133)	\$ (1,359)	\$ (389)	\$ 1,456	\$ 2,042
11 REVENUE DEFICIENCY/(SURPLUS) (L. 10 * 1.631349)	\$ (65)	\$ 14,736	\$ (9,016)	\$ (70)	\$ (8,350)	\$ (218)	\$ (2,218)	\$ (635)	\$ 2,375	\$ 3,330
12 TOTAL REVENUE REQUIREMENT (L. 4 + L. 11)	\$ 1,434,791	\$ 923,594	\$ 54,426	\$ 2,879	\$ 357,992	\$ 3,621	\$ 45,841	\$ 5,208	\$ 26,504	\$ 14,725
13 LESS: REVENUE CREDITS	\$ 48,860	\$ 36,986	\$ 2,608	\$ 184	\$ 7,823	\$ 74	\$ 789	\$ 135	\$ 159	\$ 102
14 EQUALS: CLASS REVENUE REQUIREMENT (L. 12 - L. 13)	\$ 1,385,931	\$ 886,608	\$ 51,818	\$ 2,695	\$ 350,169	\$ 3,547	\$ 45,052	\$ 5,073	\$ 26,345	\$ 14,623
15 CLASS REVENUE REQUIREMENT INDEX (L. 2/L. 14)	1.00	0.98	1.17	1.03	1.02	1.06	1.05	1.13	0.91	0.77

# TABLE 1B Supplement P.1 of 2

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13TH AD  
 PROPOSED REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPS13-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 1  
 ADJs: A

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SUMMARY OF RESULTS	ITEM ALLO	TOTAL ELECTRIC	RESIDENTIAL	GEN SERVICE NON DEMAND	GEN SERVICE 100% LF	GEN SERVICE DEMAND	CURTAILABLE SERVICE	INTERRUPTIBLE SERVICE
1 RATE BASE								
2 GROSS ELECTRIC PLT IN SERVICE	GP11	6,876,126	4,404,396	247,223	11,237	1,755,049	17,121	217,808
3 TOTAL DEPRECIATION RESERVE	DR11	-3,414,348	-2,159,501	-117,932	-5,439	-895,193	-8,487	-114,133
4 TOTAL RATE BASE ADJUSTMENTS	RB71	203,717	108,243	4,933	67	74,156	792	10,532
5 TOTAL RATE BASE	RB91	3,665,495	2,353,138	134,224	5,865	934,012	9,426	114,207
6 OPERATING EXPENSES								
7 TOTAL O & M EXPENSE	OM31	503,135	330,089	20,834	1,360	121,479	1,289	16,546
8 TOTAL DEPRECIATION EXPENSE	DE41	323,658	203,164	11,337	534	81,665	772	10,292
9 TOTAL OTHER TAX & MISC EXPENSE	L591	91,917	58,987	3,362	161	23,360	231	2,934
10 MISC ALLOWABLE EXPENSES	M621	-789	-511	-21	-1	-199	-1	-25
11 TOTAL OP EXP EX INC & REV TAX	OP61	917,921	591,729	35,512	2,054	226,305	2,291	29,747
12 NET FED INCOME TAX ALLOWABLE	I879	129,205	82,967	4,739	205	32,918	334	4,018
13 NET STATE INCOME TAX ALLOWABLE	J979	28,123	18,049	1,027	45	7,168	72	878
14 TOTAL OPERATING EXPENSE	OPEX	1,075,249	692,745	41,278	2,304	266,391	2,697	34,643
15 RETURN ON RATE BASE	R751	359,549	230,819	13,166	575	91,617	925	11,203
16 TOTAL REVENUE CREDITS	Q027	-48,862	-36,986	-2,608	-184	-7,823	-74	-789
17 TOTAL ELECTRIC COST OF SERVICE	CS05	1,385,936	886,578	51,836	2,695	350,185	3,548	45,057
18 PROPOSED REVENUES (FROM E-15)	R602	1,385,997	871,872	60,834	2,765	358,519	3,765	47,270
19 EXCESS REVENUES	XREV	61	-14,706	8,998	70	8,334	217	2,213
20 TOTAL RETURN EARNED	RETE	359,586	221,786	18,693	618	96,736	1,058	12,562
21 RATE OF RETURN EARNED	RORE	0.09810	0.09425	0.13927	0.10537	0.10357	0.11224	0.10999
22 TOTAL RATE OF RETURN ALLOWABLE	RORA		0.09809	0.09809	0.09809	0.09809	0.09809	0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.13203	0.12485	0.20877	0.14558	0.14222	0.15839	0.15420
24 ALLOWED RETURN ON COM EQUITY	AROE		0.13200	0.13200	0.13200	0.13200	0.13200	0.13200
25 PRESENT CLASS REVENUES	R600	1,397,248	886,989	61,766	2,542	359,989	4,114	44,335
26 REVENUE INCREASE JUSTIFIED	RIJD	-11,312	-411	-9,930	153	-9,804	-566	722
27 PER UNIT PRES REV	RIJP	-0.00810	-0.00046	-0.16077	0.06019	-0.02723	-0.13758	0.01629
28 REVENUE INCREASE REQUESTED	RIRD	-11,251	-15,117	-932	223	-1,470	-349	2,935
29 PER UNIT PRES REV	RIRP	-0.00805	-0.01704	-0.01509	0.08773	-0.00408	-0.08483	0.06620

# TABLE 1B Supplement P. 2 of 2

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13TH AD  
 PROPOSED REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC13-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 2  
 ADJs: A

SUMMARY OF RESULTS	ITEM ALLO	LIGHTING ENERGY	LIGHTING FIXTURE/MAINT	LIGHTING POLES	TOTAL AT ISSUE	ALL OTHER
1 RATE BASE						
2 GROSS ELECTRIC PLT IN SERVICE	GP11	19,682	126,928	76,679	6,876,123	3
3 TOTAL DEPRECIATION RESERVE	DR11	-8,742	-67,274	-37,644	-3,414,345	-3
4 TOTAL RATE BASE ADJUSTMENTS	RB71	517	2,798	1,678	203,716	1
5 TOTAL RATE BASE	RB91	11,457	62,452	40,713	3,665,494	1
6 OPERATING EXPENSES						
7 TOTAL O & M EXPENSE	OM31	2,423	5,653	3,456	503,129	6
8 TOTAL DEPRECIATION EXPENSE	DE41	880	10,454	4,560	323,658	0
9 TOTAL OTHER TAX & MISC EXPENSE	L591	288	1,618	977	91,918	-1
10 MISC ALLOWABLE EXPENSES	M621	-1	-17	-12	-788	-1
11 TOTAL OP EXP EX INC & REV TAX	OP61	3,590	17,708	8,981	917,917	4
12 NET FED INCOME TAX ALLOWABLE	I879	408	2,181	1,433	129,203	2
13 NET STATE INCOME TAX ALLOWABLE	J979	87	485	312	28,123	0
14 TOTAL OPERATING EXPENSE	OPEX	4,085	20,374	10,726	1,075,243	6
15 RETURN ON RATE BASE	R751	1,124	6,126	3,994	359,549	0
16 TOTAL REVENUE CREDITS	Q027	-135	-159	-102	-48,860	-2
17 TOTAL ELECTRIC COST OF SERVICE	CS05	5,074	26,341	14,618	1,385,932	4
18 PROPOSED REVENUES (FROM E-15)	R602	5,708	23,970	11,293	1,385,996	1
19 EXCESS REVENUES	XREV	634	-2,371	-3,325	64	-3
20 TOTAL RETURN EARNED	RETE	1,513	4,670	1,952	359,588	-2
21 RATE OF RETURN EARNED	RORE	0.13206	0.07478	0.04795	0.09810	-2.00000
22 TOTAL RATE OF RETURN ALLOWABLE	RORA	0.09809	0.09809	0.09809		0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.19533	0.08855	0.03853	0.13203	-3.77935
24 ALLOWED RETURN ON COM EQUITY	AROE	0.13200	0.13200	0.13200		0.13200
25 PRESENT CLASS REVENUES	R600	5,283	21,929	10,299	1,397,246	2
26 REVENUE INCREASE JUSTIFIED	RIJD	-209	4,412	4,319	-11,314	2
27 PER UNIT PRES REV	RIJP	-0.03956	0.20119	0.41936	-0.00810	1.00000
28 REVENUE INCREASE REQUESTED	RIRD	425	2,041	994	-11,250	-1
29 PER UNIT PRES REV	RIRP	0.08045	0.09307	0.09651	-0.00805	-0.50000

**TABLE 2B**  
**FLORIDA POWER CORPORATION**  
**ALLOCATED CLASS COST OF SERVICE & RATE OF RETURN STUDY**  
**PROJECTED CALENDAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD (IS/CS TREATED AS FIRM)**  
**DOLLAR AMOUNTS IN THOUSANDS**  
**PROPOSED REVENUES AND REVENUE CREDITS**

Line No.		(1) TOTAL RETAIL	(2) RESIDENTIAL (RS)	(3) GEN SERV NON DEM (GS-1)	(4) GEN SERV 100% LF (GS-2)	(5) GEN SERV DEMAND (GSD, SS-1)	(6) CURTAIL- ABLE (CS, SS-3)	(7) INTERRUPT- IBLE (IS, SS-2)	(8) ENERGY	(9) LIGHTING (LS) FIXTURE/ MAINT	(10) POLE
1	TOTAL RATE BASE	\$ 3,665,495	\$ 2,322,890	\$ 134,964	\$ 6,040	\$ 955,406	\$ 9,995	\$ 119,927	\$ 13,103	\$ 62,452	\$ 40,713
<b>DEVELOPMENT OF RETURN:</b>											
2	PROPOSED CLASS REVENUE	\$ 1,385,996	\$ 871,872	\$ 60,834	\$ 2,765	\$ 358,519	\$ 3,765	\$ 47,270	\$ 5,708	\$ 23,970	\$ 11,293
3	PROPOSED REVENUE CREDITS	\$ 48,860	\$ 36,863	\$ 2,610	\$ 184	\$ 7,910	\$ 76	\$ 813	\$ 143	\$ 159	\$ 102
4	TOTAL REVENUES	\$ 1,434,856	\$ 908,735	\$ 63,444	\$ 2,949	\$ 366,429	\$ 3,841	\$ 48,083	\$ 5,851	\$ 24,129	\$ 11,395
5	LESS TOTAL OPERATING EXPENSES	\$ 1,075,273	\$ 682,897	\$ 44,860	\$ 2,357	\$ 272,705	\$ 2,862	\$ 36,325	\$ 4,565	\$ 19,459	\$ 9,443
6	EQUALS RETURN EARNED (L. 4 - L. 5)	\$ 359,583	\$ 226,038	\$ 18,584	\$ 592	\$ 93,724	\$ 979	\$ 11,758	\$ 1,286	\$ 4,670	\$ 1,952
7	RATE OF RETURN EARNED (L. 6/ L. 1)	9.810%	9.731%	13.770%	9.801%	9.810%	9.795%	9.804%	9.815%	7.478%	4.795%
8	RATE OF RETURN INDEX	1.00	0.99	1.40	1.00	1.00	1.00	1.00	1.00	0.76	0.49
<b>DEVELOPMENT OF CLASS REVENUE REQUIREMENTS:</b>											
9	ALLOWED RETURN @ 9.809% ROR	\$ 359,548	\$ 227,852	\$ 13,239	\$ 592	\$ 93,716	\$ 980	\$ 11,764	\$ 1,285	\$ 6,126	\$ 3,994
10	RETURN DEFICIENCY/(SURPLUS) (L. 9 - L. 6)	\$ (35)	\$ 1,814	\$ (5,345)	\$ 0	\$ (8)	\$ 1	\$ 6	\$ (1)	\$ 1,456	\$ 2,042
11	REVENUE DEFICIENCY/(SURPLUS) (L. 10 * 1.631349)	\$ (56)	\$ 2,960	\$ (8,720)	\$ 1	\$ (13)	\$ 2	\$ 9	\$ (1)	\$ 2,375	\$ 3,330
12	TOTAL REVENUE REQUIREMENT (L. 4 + L. 11)	\$ 1,434,800	\$ 911,695	\$ 54,724	\$ 2,950	\$ 366,416	\$ 3,843	\$ 48,092	\$ 5,850	\$ 26,504	\$ 14,725
13	LESS: REVENUE CREDITS	\$ 48,860	\$ 36,863	\$ 2,610	\$ 184	\$ 7,910	\$ 76	\$ 813	\$ 143	\$ 159	\$ 102
14	EQUALS CLASS REVENUE REQUIREMENT (L. 12 - L. 13)	\$ 1,385,940	\$ 874,832	\$ 52,114	\$ 2,766	\$ 358,506	\$ 3,767	\$ 47,279	\$ 5,707	\$ 26,345	\$ 14,623
15	CLASS REVENUE REQUIREMENT INDEX (L. 2/L. 14)	1.00	1.00	1.17	1.00	1.00	1.00	1.00	1.00	0.91	0.77

TABLE 2B Supplement P. 1572

FLORIDA POWER CORPORATION  
ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
PROJECTED 2002, FULLY ADJUSTED  
PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD  
PROPOSED REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC25-000  
EXHIBIT:  
SCHEDULE: 1  
PAGE: 1  
ADJs: A

SUMMARY OF RESULTS	ITEM ALLO	TOTAL		GEN SERVICE	GEN SERVICE	GEN SERVICE	CURTAILABLE	INTERRUPTIBLE
		ELECTRIC	RESIDENTIAL	NON DEMAND	100% LF	DEMAND	SERVICE	SERVICE
1 <u>RATE BASE</u>								
2 GROSS ELECTRIC PLT IN SERVICE	GP11	6,876,126	4,335,870	248,909	11,635	1,803,525	18,407	230,764
3 TOTAL DEPRECIATION RESERVE	DR11	-3,414,348	-2,119,344	-118,921	-5,673	-923,599	-9,240	-121,725
4 <u>TOTAL RATE BASE ADJUSTMENTS</u>	RB71	203,717	106,364	4,976	78	75,480	828	10,888
5 <u>TOTAL RATE BASE</u>	RB91	3,665,495	2,322,890	134,964	6,040	955,406	9,995	119,927
6 <u>OPERATING EXPENSES</u>								
7 TOTAL O & M EXPENSE	OM31	503,135	326,942	20,914	1,378	123,710	1,349	17,142
8 TOTAL DEPRECIATION EXPENSE	DE41	323,658	199,540	11,427	556	84,229	839	10,976
9 TOTAL OTHER TAX & MISC EXPENSE	L591	91,917	58,113	3,383	167	23,979	246	3,099
10 <u>MISC ALLOWABLE EXPENSES</u>	M621	-789	-493	-21	-1	-211	-2	-28
11 <u>TOTAL OP EXP EX INC &amp; REV TAX</u>	OP61	917,921	584,102	35,703	2,100	231,707	2,432	31,189
12 NET FED INCOME TAX ALLOWABLE	I879	129,205	81,925	4,767	211	33,655	354	4,215
13 <u>NET STATE INCOME TAX ALLOWABLE</u>	J979	28,123	17,809	1,033	46	7,338	76	924
14 <u>TOTAL OPERATING EXPENSE</u>	OPEX	1,075,249	683,836	41,503	2,357	272,700	2,862	36,328
15 RETURN ON RATE BASE	R751	359,548	227,852	13,239	592	93,716	980	11,764
16 <u>TOTAL REVENUE CREDITS</u>	Q027	-48,862	-36,863	-2,610	-184	-7,910	-76	-813
17 <u>TOTAL ELECTRIC COST OF SERVICE</u>	CS05	1,385,935	874,825	52,132	2,765	358,506	3,766	47,279
29 18 <u>PROPOSED REVENUES (FROM E-15)</u>	R602	1,385,997	871,872	60,834	2,765	358,519	3,765	47,270
19 <u>EXCESS REVENUES</u>	XREV	62	-2,953	8,702	0	13	-1	-9
20 TOTAL RETURN EARNED	RETE	359,586	226,038	18,584	592	93,724	979	11,758
21 RATE OF RETURN EARNED	RORE	0.09810	0.09731	0.13770	0.09801	0.09810	0.09795	0.09804
22 TOTAL RATE OF RETURN ALLOWABLE	RORA		0.09809	0.09809	0.09809	0.09809	0.09809	0.09809
23 RETURN EARNED ON COMMON EQUITY	RBOE	0.13203	0.13055	0.20584	0.13186	0.13202	0.13174	0.13192
24 ALLOWED RETURN ON COM EQUITY	AROE		0.13200	0.13200	0.13200	0.13200	0.13200	0.13200
25 PRESENT CLASS REVENUES	R600	1,397,246	886,989	61,766	2,542	359,989	4,114	44,335
26 REVENUE INCREASE JUSTIFIED	RIJD	-11,311	-12,164	-9,634	223	-1,483	-348	2,944
27 PER UNIT PRES REV	RIJP	-0.00810	-0.01371	-0.15598	0.08773	-0.00412	-0.08459	0.06640
28 REVENUE INCREASE REQUESTED	RIRD	-11,249	-15,117	-932	223	-1,470	-349	2,935
29 PER UNIT PRES REV	RIRP	-0.00805	-0.01704	-0.01509	0.08773	-0.00408	-0.08483	0.06620

# TABLE 2B Supplement P.2 of 2

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD  
 PROPOSED REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC25-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 2  
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SUMMARY OF RESULTS	ITEM ALLO	LIGHTING ENERGY	LIGHTING FIXTURE/MAINT	LIGHTING POLES	TOTAL AT ISSUE	ALL OTHER
1 RATE BASE						
2 GROSS ELECTRIC PLT IN SERVICE	GP11	23,408	126,928	76,679	6,876,125	1
3 TOTAL DEPRECIATION RESERVE	DR11	-10,924	-67,274	-37,644	-3,414,344	-4
4 TOTAL RATE BASE ADJUSTMENTS	RB71	619	2,798	1,678	203,709	8
5 TOTAL RATE BASE	RB91	13,103	62,452	40,713	3,665,490	5
6 OPERATING EXPENSES						
7 TOTAL O & M EXPENSE	OM31	2,593	5,653	3,456	503,137	-2
8 TOTAL DEPRECIATION EXPENSE	DE41	1,075	10,454	4,560	323,656	2
9 TOTAL OTHER TAX & MISC EXPENSE	L591	335	1,618	977	91,917	0
10 MISC ALLOWABLE EXPENSES	M621	-2	-17	-12	-787	-2
11 TOTAL OP EXP EX INC & REV TAX	OP61	4,001	17,708	8,981	917,923	-2
12 NET FED INCOME TAX ALLOWABLE	I879	464	2,181	1,433	129,205	0
13 NET STATE INCOME TAX ALLOWABLE	J979	100	485	312	28,123	0
14 TOTAL OPERATING EXPENSE	OPEX	4,565	20,374	10,726	1,075,251	-2
15 RETURN ON RATE BASE	R751	1,285	6,126	3,994	359,548	0
16 TOTAL REVENUE CREDITS	Q027	-143	-159	-102	-48,860	-2
17 TOTAL ELECTRIC COST OF SERVICE	CS05	5,707	26,341	14,618	1,385,939	-4
18 PROPOSED REVENUES (FROM E-15)	R602	5,708	23,970	11,293	1,385,996	1
19 EXCESS REVENUES	XREV	1	-2,371	-3,325	57	5
20 TOTAL RETURN EARNED	RETE	1,286	4,670	1,952	359,583	3
21 RATE OF RETURN EARNED	RORE	0.09815	0.07478	0.04795	0.09810	0.60000
22 TOTAL RATE OF RETURN ALLOWABLE	RORA	0.09809	0.09809	0.09809		0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.13211	0.08855	0.03853	0.13203	1.06769
24 ALLOWED RETURN ON COM EQUITY	AROE	0.13200	0.13200	0.13200		0.13200
25 PRESENT CLASS REVENUES	R600	5,283	21,929	10,299	1,397,246	0
26 REVENUE INCREASE JUSTIFIED	RIJD	424	4,412	4,319	-11,307	-4
27 PER UNIT PRES REV	RIJP	0.08026	0.20119	0.41936	-0.00809	***.*****
28 REVENUE INCREASE REQUESTED	RIRD	425	2,041	994	-11,250	1
29 PER UNIT PRES REV	RIRP	0.08045	0.09307	0.09651	-0.00805	***.*****

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TABLE 3B  
FLORIDA POWER CORPORATION  
ALLOCATED CLASS COST OF SERVICE & RATE OF RETURN STUDY  
PROJECTED CALENDAR 2002 DATA: FULLY ADJUSTED  
PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD (IS/CS TREATED AS FIRM)  
DOLLAR AMOUNTS IN THOUSANDS  
PROPOSED REVENUES AND REVENUE CREDITS

Line No.		(1) TOTAL RETAIL	(2) RESIDENTIAL (RS)	(3) GEN SERV NON DEM (GS-1)	(4) GEN SERV 100% LF (GS-2)	(5) GEN SERV DEMAND (GSD, SS-1)	(6) CURTAIL- ABLE (CS, SS-3)	(7) INTERRUPT- IBLE (IS, SS-2)	(8) ENERGY	(9) LIGHTING (LS) FIXTURE/ MAINT	(10) POLE
1	TOTAL RATE BASE	\$ 3,665,495	\$ 2,279,256	\$ 136,030	\$ 6,318	\$ 966,279	\$ 10,794	\$ 128,168	\$ 15,490	\$ 62,452	\$ 40,713
DEVELOPMENT OF RETURN:											
2	PROPOSED CLASS REVENUE	\$ 1,385,996	\$ 871,872	\$ 60,834	\$ 2,765	\$ 358,519	\$ 3,765	\$ 47,270	\$ 5,708	\$ 23,970	\$ 11,293
3	PROPOSED REVENUE CREDITS	\$ 48,861	\$ 36,685	\$ 2,615	\$ 186	\$ 8,035	\$ 80	\$ 847	\$ 152	\$ 159	\$ 102
4	TOTAL REVENUES	\$ 1,434,857	\$ 908,557	\$ 63,449	\$ 2,951	\$ 366,554	\$ 3,845	\$ 48,117	\$ 5,860	\$ 24,129	\$ 11,395
5	LESS TOTAL OPERATING EXPENSES	\$ 1,075,270	\$ 676,384	\$ 45,010	\$ 2,395	\$ 277,170	\$ 2,982	\$ 37,514	\$ 4,913	\$ 19,459	\$ 9,443
6	EQUALS RETURN EARNED (L 4 - L 5)	\$ 359,587	\$ 232,173	\$ 18,439	\$ 556	\$ 89,384	\$ 863	\$ 10,603	\$ 947	\$ 4,670	\$ 1,952
7	RATE OF RETURN EARNED (L 6/ L 1)	9.810%	10.186%	13.555%	8.800%	9.063%	7.995%	8.273%	6.114%	7.478%	4.795%
8	RATE OF RETURN INDEX	1.00	1.04	1.38	0.90	0.92	0.81	0.84	0.62	0.76	0.49
DEVELOPMENT OF CLASS REVENUE REQUIREMENTS:											
9	ALLOWED RETURN @ 9.809% ROR	\$ 359,548	\$ 223,572	\$ 13,343	\$ 620	\$ 96,744	\$ 1,059	\$ 12,572	\$ 1,519	\$ 6,126	\$ 3,994
10	RETURN DEFICIENCY/(SURPLUS) (L 9 - L 6)	\$ (39)	\$ (8,601)	\$ (5,096)	\$ 64	\$ 7,360	\$ 196	\$ 1,969	\$ 572	\$ 1,456	\$ 2,042
11	REVENUE DEFICIENCY/(SURPLUS) (L 10 *1.631349)	\$ (63)	\$ (14,031)	\$ (8,313)	\$ 104	\$ 12,007	\$ 319	\$ 3,212	\$ 934	\$ 2,375	\$ 3,330
12	TOTAL REVENUE REQUIREMENT (L 4 + L 11)	\$ 1,434,794	\$ 894,526	\$ 55,136	\$ 3,055	\$ 378,561	\$ 4,164	\$ 51,329	\$ 6,794	\$ 26,504	\$ 14,725
13	LESS REVENUE CREDITS	\$ 48,861	\$ 36,685	\$ 2,615	\$ 186	\$ 8,035	\$ 80	\$ 847	\$ 152	\$ 159	\$ 102
14	EQUALS CLASS REVENUE REQUIREMENT (L 12 - L 13)	\$ 1,385,933	\$ 857,841	\$ 52,521	\$ 2,869	\$ 370,526	\$ 4,084	\$ 50,482	\$ 6,642	\$ 26,345	\$ 14,623
15	CLASS REVENUE REQUIREMENT INDEX (L 2/L 14)	1.00	1.02	1.16	0.96	0.97	0.92	0.94	0.86	0.91	0.77

# TABLE 3B Supplement P. 1582

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD  
 PROPOSED REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC50-000  
 EXHIBIT:  
 SCHEDULE: 1  
 PAGE: 1  
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SUMMARY OF RESULTS	ITEM ALLO	TOTAL ELECTRIC	RESIDENTIAL	GEN SERVICE NON DEMAND	GEN SERVICE 100% LF	GEN SERVICE DEMAND	CURTAILABLE SERVICE	INTERRUPTIBLE SERVICE
1 <u>RATE BASE</u>								
2 GROSS ELECTRIC PLT IN SERVICE	GP11	6,876,126	4,237,009	251,312	12,263	1,873,471	20,221	249,431
3 TOTAL DEPRECIATION RESERVE	DR11	-3,414,348	-2,061,411	-120,328	-6,042	-964,587	-10,302	-132,664
4 <u>TOTAL RATE BASE ADJUSTMENTS</u>	RB71	<u>203,717</u>	<u>103,658</u>	<u>5,046</u>	<u>97</u>	<u>77,395</u>	<u>875</u>	<u>11,401</u>
5 <u>TOTAL RATE BASE</u>	RB91	<u>3,665,495</u>	<u>2,279,256</u>	<u>136,030</u>	<u>6,318</u>	<u>986,279</u>	<u>10,794</u>	<u>128,168</u>
6 <u>OPERATING EXPENSES</u>								
7 TOTAL O & M EXPENSE	OM31	503,135	322,400	21,022	1,404	126,923	1,436	17,998
8 TOTAL DEPRECIATION EXPENSE	DE41	323,658	194,314	11,551	588	87,927	937	11,962
9 TOTAL OTHER TAX & MISC EXPENSE	L591	91,917	56,852	3,414	175	24,871	270	3,337
10 <u>MISC ALLOWABLE EXPENSES</u>	M621	<u>-789</u>	<u>-468</u>	<u>-22</u>	<u>-1</u>	<u>-229</u>	<u>-2</u>	<u>-33</u>
11 TOTAL OP EXP EX INC & REV TAX	OP61	917,921	573,098	35,965	2,166	239,492	2,641	33,264
12 NET FED INCOME TAX ALLOWABLE	I879	129,205	80,421	4,803	220	34,718	381	4,498
13 <u>NET STATE INCOME TAX ALLOWABLE</u>	J979	<u>28,124</u>	<u>17,464</u>	<u>1,041</u>	<u>49</u>	<u>7,582</u>	<u>83</u>	<u>989</u>
14 <u>TOTAL OPERATING EXPENSE</u>	OPEX	<u>1,075,250</u>	<u>670,983</u>	<u>41,809</u>	<u>2,435</u>	<u>281,792</u>	<u>3,105</u>	<u>38,751</u>
15 RETURN ON RATE BASE	R751	359,549	223,572	13,343	620	96,744	1,059	12,572
16 <u>TOTAL REVENUE CREDITS</u>	Q027	<u>-48,862</u>	<u>-36,685</u>	<u>-2,615</u>	<u>-186</u>	<u>-8,035</u>	<u>-80</u>	<u>-847</u>
17 <u>TOTAL ELECTRIC COST OF SERVICE</u>	CS05	<u>1,385,937</u>	<u>857,870</u>	<u>52,537</u>	<u>2,869</u>	<u>370,501</u>	<u>4,084</u>	<u>50,476</u>
18 <u>PROPOSED REVENUES (FROM E-15)</u>	R602	<u>1,385,997</u>	<u>871,872</u>	<u>60,834</u>	<u>2,765</u>	<u>358,519</u>	<u>3,765</u>	<u>47,270</u>
19 <u>EXCESS REVENUES</u>	XREV	<u>60</u>	<u>14,002</u>	<u>8,297</u>	<u>-104</u>	<u>-11,982</u>	<u>-319</u>	<u>-3,206</u>
20 TOTAL RETURN EARNED	RETE	359,586	232,173	18,439	556	89,384	863	10,603
21 RATE OF RETURN EARNED	RORE	0.09810	0.10186	0.13555	0.08800	0.09063	0.07995	0.08273
22 TOTAL RATE OF RETURN ALLOWABLE	RORA		0.09809	0.09809	0.09809	0.09809	0.09809	0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.13203	0.13904	0.20184	0.11320	0.11810	0.09819	0.10337
24 ALLOWED RETURN ON COM EQUITY	AROE		0.13200	0.13200	0.13200	0.13200	0.13200	0.13200
25 PRESENT CLASS REVENUES	R600	1,397,246	886,989	61,766	2,542	359,989	4,114	44,335
26 REVENUE INCREASE JUSTIFIED	RIJD	-11,309	-29,119	-9,229	327	10,512	-30	6,141
27 PER UNIT PRES REV	RIJP	-0.00809	-0.03283	-0.14942	0.12864	0.02920	-0.00729	0.13851
28 REVENUE INCREASE REQUESTED	RIRD	-11,249	-15,117	-932	223	-1,470	-349	2,935
29 PER UNIT PRES REV	RIRP	-0.00805	-0.01704	-0.01509	0.08773	-0.00408	-0.08483	0.06620



# TABLE 3B Supplement P.2 of 2

FLORIDA POWER CORPORATION  
 ALLOCATED CLASS COST OF SERVICE \$(000) & RATE OF RETURN STUDY  
 PROJECTED 2002, FULLY ADJUSTED  
 PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD  
 PROPOSED REVENUES AND REVENUE CREDITS

DOCKET NUMBER: ERFPC50-000  
 EXHIBIT:  
 SCHEDULE: 1  
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SUMMARY OF RESULTS	ITEM ALLO	LIGHTING ENERGY	LIGHTING FIXTURE/MAINT	LIGHTING POLES	TOTAL AT ISSUE	ALL OTHER
1 <u>RATE BASE</u>						
2 GROSS ELECTRIC PLT IN SERVICE	GP11	28,815	126,928	76,679	6,876,129	-3
3 TOTAL DEPRECIATION RESERVE	DR11	-14,093	-67,274	-37,644	-3,414,345	-3
4 <u>TOTAL RATE BASE ADJUSTMENTS</u>	RB71	768	2,798	1,678	203,716	1
5 <u>TOTAL RATE BASE</u>	RB91	15,490	62,452	40,713	3,665,500	-5
6 <u>OPERATING EXPENSES</u>						
7 TOTAL O & M EXPENSE	OM31	2,844	5,653	3,456	503,136	-1
8 TOTAL DEPRECIATION EXPENSE	DE41	1,361	10,454	4,560	323,654	4
9 TOTAL OTHER TAX & MISC EXPENSE	L591	404	1,618	977	91,918	-1
10 <u>MISC ALLOWABLE EXPENSES</u>	M621	-3	-17	-12	-787	-2
11 TOTAL OP EXP EX INC & REV TAX	OP61	4,606	17,708	8,981	917,921	0
12 NET FED INCOME TAX ALLOWABLE	I879	547	2,181	1,433	129,202	3
13 <u>NET STATE INCOME TAX ALLOWABLE</u>	J979	119	485	312	28,124	0
14 <u>TOTAL OPERATING EXPENSE</u>	OPEX	5,272	20,374	10,726	1,075,247	3
15 RETURN ON RATE BASE	R751	1,519	6,126	3,994	359,549	0
16 <u>TOTAL REVENUE CREDITS</u>	Q027	-152	-159	-102	-48,861	-1
17 <u>TOTAL ELECTRIC COST OF SERVICE</u>	CS05	6,639	26,341	14,618	1,385,935	2
18 <u>PROPOSED REVENUES (FROM E-15)</u>	R602	5,708	23,970	11,293	1,385,996	1
19 <u>EXCESS REVENUES</u>	XREV	-931	-2,371	-3,325	61	-1
20 TOTAL RETURN EARNED	RETE	947	4,670	1,952	359,587	-1
21 RATE OF RETURN EARNED	RORE	0.06114	0.07478	0.04795	0.09810	0.20000
22 TOTAL RATE OF RETURN ALLOWABLE	RORA	0.09809	0.09809	0.09809		0.09809
23 RETURN EARNED ON COMMON EQUITY	REOE	0.06312	0.08855	0.03853	0.13203	0.32199
24 ALLOWED RETURN ON COM EQUITY	AROE	0.13200	0.13200	0.13200		0.13200
25 PRESENT CLASS REVENUES	R600	5,283	21,929	10,299	1,397,246	0
26 REVENUE INCREASE JUSTIFIED	RIJD	1,356	4,412	4,319	-11,311	2
27 PER UNIT PRES REV	RIJP	0.25667	0.20119	0.41936	-0.00810	**.*****
28 REVENUE INCREASE REQUESTED	RIRD	425	2,041	994	-11,250	1
29 PER UNIT PRES REV	RIRP	0.08045	0.09307	0.09651	-0.00805	**.*****

SCHEDULE E-5a

COST OF SERVICE STUDY - ALLOCATION OF RATE BASE COMPONENTS TO RATE SCHEDULE

Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_/\_\_/\_\_

COMPANY, FLORIDA POWER CORPORATION

\_X\_ Projected Test Year Ended 12/31/02

DOCKET NO 000824-EI

\_\_\_ 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

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 \_\_\_/\_\_\_/\_\_\_

COMPANY, FLORIDA POWER CORPORATION

\_X\_ Projected Test Year Ended 12/31/02

DOCKET NO 000824-EI

\_\_\_ 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

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

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

This functionalization and classification is provided in Section II of the separate volume titled "Jurisdictional Separation Study" of the Minimum Filing Requirements Section E - Rate Schedules filed on September 14, 2001.

Supporting Schedules:

Recap Schedules:

SCHEDULE E-6b

COST OF SERVICE STUDY - FUNCTIONALIZATION AND CLASSIFICATION OF EXPENSES

Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_/\_\_/\_\_

COMPANY: FLORIDA POWER CORPORATION

Witness: Slusser

DOCKET NO.: 000824-EI

This functionalization and classification is provided in Section II of the separate volume titled "Jurisdictional Separation Study" of the Minimum Filing Requirements Section E - Rate Schedules filed on September 14, 2001.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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-16c and E-16d. 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 \_\_\_\_/\_\_\_\_/\_\_\_\_

COMPANY, FLORIDA POWER CORPORATION

X\_ Projected Test Year Ended 12/31/2002

DOCKET NO.:

000824-EI

Witness: Slusser

Line	Description / Rate Schedule	PRESENT RATES - \$000's				
		(1) Billed Sales Revenue From E-16c,d	(2) Unbilled Sales Revenue From E-15	(3) Total Sales Revenue (1) + (2)	(4) Revenue Credits Allocated 12CP 25%AD	(5) Total Operating Revenues (3) + (4)
1	I. Sales RS-1	\$ 885,712	\$ 1,278	\$ 886,989	26,825	\$ 913,814
2	GS-1	61,677	89	61,766	1,793	63,559
3	GS-2	2,538	4	2,542	104	2,646
4	GS Demand					
5	GSD-1	359,040	518	359,558		
6	SS-1	431	1	431		
7	Subtotal GS Demand	359,470	519	359,989	7,542	367,531
8						
9	Curtailable Service					
10	CS-1, CS-2	3,790	5	3,796		
11	SS-3	317	0	318		
12	Subtotal Curtailable	4,107	6	4,113	76	4,189
13						
14	Interruptible Service					
15	IS-1, IS-2	39,239	57	39,295		
16	SS-2	5,033	7	5,040		
17	Subtotal Interruptible	44,272	64	44,335	813	45,148
18						
19	LS-1	5,275	8	5,283	141	5,424
20						
21	Total Sales Revenue	1,363,052	1,966	1,365,018	37,294	1,402,312
22						
23	II. Other Class Revenue					
24	LS-1					
25	Fixture	15,778		15,778	159	15,937
26	Maintenance	6,151		6,151		6,151
27	Poles	10,299		10,299	102	10,401
28	Total Other Revenue	32,227	-	32,227	261	32,488
29						
30	III. Total Retail Class Revenue	1,395,279	1,966	1,397,245	37,555	1,434,800
31						
32	V. Total Wholesale Sales Revenue	115,662	(3,900)	111,762	1,483	113,245
33						
34	V. Total Sytem Revenue	\$ 1,510,941	\$ (1,934)	\$ 1,509,007	\$ 39,038	\$ 1,548,045

FLORIDA PUBLIC SERVICE COMMISSION

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-16c and E-16d. 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 12/31/2002

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO.: 000824-EI

Witness: Slusser

## PRESENT RATES - \$000's

Line	Total Company Adjusted	Retail	Wholesale	Revenue Credits									Cust Coll Related
		Class Revenue	Class Revenue	Prod Demand Related	Transm Related	Distrib Plant Rltd	Gross Pft Related	Rate Base Related	Energy Non- Fuel Rltd	Services Related	Secondary Related		
1	440-447 SALES OF ELECTRICITY												
2	Retail	1,363,052	1,363,052										
3	Wholesale Separated	93,554	93,554										
4	Wholesale Non-Separated	660		660									
5	Total Sales of Electricity	1,457,266											
6													
7	OTHER OPERATING REVENUES												
8	450 10-Retrn Chk & Late Pyrmts per E-16b	8,160						8,160					
9	451 10 - Service Charges per E-16b	9,560								9,560			
10	451 20 - Work For Public	655				655							
11	454 - Rent Of Elect Prop												
12	Street Lighting Facilities per E-16d	32,227	32,227										
13	Equipment Rental per E-16b	6,720									6,720		
14	Attachments	6,118				6,118							
15	Crr#3 Participants	1,200		1,200									
16	Other	1,812					1,812						
17	Subtotal Rental Revenue	48,077											
18													
19	456-Other Electric Revenues												
20	456 10-Wheeling Revenue	23,691	22,108	465	1,118								
21	456 20-Oth Elect Rev (Incls Var O&M)	2,424							2,424				
22	456 30-Commiss Tax Col	147											147
23	456 40-87 Conservation	-											
24	456 90-Unbilled Revenue												
25	Retail	1,966	1,966										
26	Wholesale	(3,900)	(3,900)										
27	456 97-Def Capacity Rev	-											
28	456 98-Accr Gpil R/P	-											
29	456 99-Def Fuel Rev	-											
30	Subtotal A/C 456	24,328											
31													
32	Total Other Operating Revenue	90,780											
33													
34	Total Operating Revenue	1,548,046	1,397,245	111,762	2,325	1,118	6,773	1,812	8,160	2,424	9,560	6,720	147

Supporting Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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-16c and E-16d. 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 \_\_\_/\_\_\_/\_\_\_

☒ Projected Test Year Ended 12/31/2002

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO.:

000824-EI

Witness: Siusser

		PROPOSED RATES - \$000's				
Line	Description / Rate Schedule	(1)	(2)	(3)	(4)	(5)
		Billed Sales Revenue From E-16c,d	Unbilled Sales Revenue From E-15	Total Sales Revenue (1) + (2)	Revenue Credits Allocated 12CP 25%AD	Total Operating Revenues (3) + (4)
1	I. Sales RS-1	\$ 870,616	\$ 1,256	\$ 871,872	36,863	\$ 908,735
2	GS-1	60,747	88	60,834	2,610	63,444
3	GS-2	2,761	4	2,765	184	2,949
4	GS Demand					
5	GSD-1	357,605	516	358,121		
6	SS-1	398	1	399		
7	Subtotal GS Demand	358,003	516	358,519	7,910	366,429
8						
9	Curtailable Service					
10	CS-1, CS-2	3,317	5	3,322		
11	SS-3	443	1	444		
12	Subtotal Curtailable	3,760	5	3,765	76	3,841
13						
14	Interruptible Service					
15	IS-1, IS-2	42,221	61	42,282		
16	SS-2	4,981	7	4,988		
17	Subtotal Interruptible	47,202	68	47,270	813	48,083
18						
19	LS-1	5,700	8	5,708	143	5,851
20						
21	Total Sales Revenue	1,348,788	1,946	1,350,734	48,599	1,399,333
22						
23	II. Other Class Revenue					
24	LS-1					
25	Fixture	17,819		17,819	159	17,978
26	Maintenance	6,151		6,151		6,151
27	Poles	11,293		11,293	102	11,395
28	Total Other Revenue	35,264	-	35,264	261	35,525
29						
30	III. Total Retail Class Revenue	1,384,052	1,946	1,385,997	48,860	1,434,857
31						
32	V. Total Wholesale Sales Revenue	115,662	(3,900)	111,762	1,483	113,245
33						
34	V. Total Sytem Revenue	\$ 1,499,714	\$ (1,954)	\$ 1,497,759	\$ 50,343	\$ 1,548,102



FLORIDA PUBLIC SERVICE COMMISSION

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-16c and E-16d. 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 12/31/2002

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO. 000824-E1

Witness: Slusser

PROPOSED RATES - \$000's													
Line		Total Company Adjusted	Retail Class Revenue	Wholesale Class Revenue	Revenue Credits								
					Prod Demand Related	Transm Related	Distrib Plant Rtd	Gross Pft Related	Rate Base Related	Energy Non- Fuel Rtd	Services Related	Secondary Related	Cust Coll Related
1	<u>440-447 SALES OF ELECTRICITY</u>												
2	Retail	1,348,788	1,348,788										
3	Wholesale Separated	93,554		93,554									
4	Wholesale Non-Separated	660			660								
5	Total Sales of Electricity	<u>1,443,002</u>											
6													
7	<u>OTHER OPERATING REVENUES</u>												
8	450 10-Retrn Chk & Late Pymts per E-16b	8,160							8,160				
9	451 10 - Service Charges per E-16b	20,866									20,866		
10	451 20 - Work For Public	655					655						
11	454 - Rent Of Elect Prop												
12	Street Lighting Facilities per E-16d	35,264	35,264										
13	Equipment Rental per E-16b	6,720										6,720	
14	Attachments	6,118					6,118						
15	Cn#3 Participants	1,200			1,200								
16	Other	1,812						1,812					
17	Subtotal Rental Revenue	<u>51,114</u>											
18													
19	456-Other Electric Revenues												
20	456 10-Wheeling Revenue	23,691		22,108	465	1,118							
21	456 20-Own Elect Rev (Incls Var O&M)	2,424								2,424			
22	456 30-Commiss Tax Col	147											147
23	456 40-87 Conservation	-											
24	456 90-Unbilled Revenue												
25	Retail	1,946	1,946										
26	Wholesale	(3,900)		(3,900)									
27	456 97-Def Capacity Rev	-											
28	456 98-Accr Gplf R/P	-											
29	456 99-Def Fuel Rev	-											
30	Subtotal A/C 456	<u>24,308</u>											
31													
32	Total Other Operating Revenue	105,102											
33													
34	Total Operating Revenue	<u>1,548,104</u>	<u>1,385,997</u>	<u>111,762</u>	<u>2,325</u>	<u>1,118</u>	<u>6,773</u>	<u>1,812</u>	<u>8,160</u>	<u>2,424</u>	<u>20,866</u>	<u>6,720</u>	<u>147</u>

Supporting Schedules:

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

A Summary of functional unit cost information is shown on the following attached tables:

Table 4A - 12CP and 1/13th AD Production Cost Allocation Method

Table 5A - 12CP and 25% AD Production Cost Allocation Method

Table 6A - 12CP and 50% AD Production Cost Allocation Method

**TABLE 4A**  
**FLORIDA POWER CORPORATION**  
**SUMMARY DEVELOPMENT OF FUNCTIONAL UNIT COSTS WITH PRESENT REVENUE CREDITS**  
**PROJECTED CALENDAR YEAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13 AD (IS/CS TREATED AS FIRM)**

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		TOTAL RETAIL	RESIDENTIAL (RS)	GEN SERV NON DEM (GS-1)	GEN SERV 100% LF (GS-2)	GEN SERV DEMAND (GSD, SS-1)	CURTAIL- ABLE (CS, SS-3)	INTERRUPT- ILE (IS, SS-2)	ENERGY	LIGHTING (LS) FIXTURE/ MAINT	POLE
<b>I COST OF SERVICE - (000'S)</b>											
1	A Production Capacity -12/13th 12CP	\$ 524,243	\$ 327,166	\$ 15,103	\$ 696	\$ 157,785	\$ 1,370	\$ 21,620	\$ 503	\$ -	\$ -
2	B Production Capacity -1/13th AD	\$ 43,685	\$ 22,023	\$ 1,386	\$ 91	\$ 16,855	\$ 211	\$ 2,791	\$ 328	\$ -	\$ -
3	C Production Energy	\$ 119,940	\$ 60,463	\$ 3,807	\$ 248	\$ 46,279	\$ 581	\$ 7,663	\$ 899	\$ -	\$ -
4	D Transmission	\$ 115,970	\$ 72,371	\$ 3,341	\$ 156	\$ 34,903	\$ 303	\$ 4,786	\$ 110	\$ -	\$ -
5	E Distribution Primary	\$ 221,604	\$ 141,275	\$ 7,967	\$ 218	\$ 62,135	\$ 1,067	\$ 7,299	\$ 1,643	\$ -	\$ -
6	F Distribution Secondary	\$ 142,198	\$ 109,703	\$ 7,552	\$ 86	\$ 24,002	\$ -	\$ 211	\$ 644	\$ -	\$ -
7	G Distribution Services	\$ 61,729	\$ 54,805	\$ 4,458	\$ 437	\$ 2,012	\$ -	\$ 3	\$ 14	\$ -	\$ -
8	H Metering	\$ 37,558	\$ 30,695	\$ 2,679	\$ 215	\$ 3,677	\$ 12	\$ 269	\$ 11	\$ -	\$ -
9	I Interruptible Equipment	\$ 392	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 392	\$ -	\$ -	\$ -
10	J Lighting Fixture/Maint	\$ 26,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,350	\$ -
11	K Lighting Pole	\$ 14,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,627
12	L Customer Billing, Info, etc	\$ 88,939	\$ 78,139	\$ 6,336	\$ 625	\$ 2,889	\$ 1	\$ 26	\$ 923	\$ -	\$ -
13	Total	\$ 1,397,235	\$ 896,640	\$ 52,628	\$ 2,772	\$ 350,537	\$ 3,545	\$ 45,060	\$ 5,075	\$ 26,350	\$ 14,627
<b>II BILLING UNITS</b>											
15	A Number of Monthly Bills										
17	1 Metered Bills	17,471,841	15,526,065	1,256,453	109,318	574,236	96	1,771	3,902	-	-
18	2 Unmetered Bills	723,906	-	6,890	15,249	-	-	-	701,767	-	-
19	3 Total Bills	18,195,747	15,526,065	1,263,343	124,567	574,236	96	1,771	705,669	-	-
20	4 Total Bills with Secondary Service Tap	17,487,326	15,526,065	1,262,896	124,567	569,389	13	494	3,902	-	-
21	5 Total Bills with IS Equipment	1,771	-	-	-	-	-	1,771	-	-	-
22	B Annual Effective MWH Sales										
23	1 Production and Transmission Services	37,109,884	18,663,084	1,174,929	76,931	14,330,380	181,684	2,405,025	277,851	-	-
24	2 Distribution Primary Service	36,465,456	18,663,084	1,171,805	76,931	14,318,064	181,684	1,776,037	277,851	-	-
25	3 Distribution Secondary Service	31,912,750	18,663,084	1,165,177	76,931	11,631,541	650	97,516	277,851	-	-
26	C Sum of Monthly Effective Billing KW										
27	1 Production and Transmission Services	-	-	-	-	36,442,876	517,724	6,294,067	-	-	-
28	2 Distribution Primary Service	-	-	-	-	36,089,352	517,724	4,529,125	-	-	-
29	3 Distribution Secondary Service	-	-	-	-	30,622,260	1,467	229,344	-	-	-
30	D Lighting Facilities										
31	1. Average Number of Fixtures	-	-	-	-	-	-	-	-	390,385	-
32	2. Average Number of Poles	-	-	-	-	-	-	-	-	-	236,094
33	E 12 CP - Allocator per Allocator No 1B	100 000%	62 406%	2 881%	0 133%	30 097%	0 263%	4 124%	0 096%	0 000%	0 000%
34	Avg Demand - Allocator per Allocator No 1B	100 000%	50 414%	3 173%	0 208%	38 584%	0 482%	6 389%	0 750%	0 000%	0 000%
<b>III UNIT COSTS</b>											
36	A Customer Related Costs - \$/Bill										
38	1. Metering (L 8/L 17)	-	\$ 1 98	\$ 2 13	\$ 1 97	\$ 6 40	\$ 125 00	\$ 151 89	\$ 2 82	-	-
39	2 Customer Billing, Info, etc (L 12/L 19)	-	\$ 5 03	\$ 5 02	\$ 5 02	\$ 5 03	\$ 10 42	\$ 14 68	\$ 1 31	-	-
40	3 Secondary Service Tap (L 7/L 20)	-	\$ 3 53	\$ 3 53	\$ 3 51	\$ 3 53	\$ -	\$ -	\$ 3 59	-	-
41	4 Interruptible Equipment (L 9/L 21)	-	-	-	-	-	\$ 221 34	-	-	-	-
42	B Energy Related Costs - \$/MWH										
43	1 Production Energy (L 3/L 23)	\$ 3 23	\$ 3 24	\$ 3 24	\$ 3 22	\$ 3 23	\$ 3 20	\$ 3 19	\$ 3 24	-	-
44	C Capacity Related Costs										
45	a Based on MWH Sales - \$/MWH										
46	1 Prod Capacity 12/13th 12CP (L 1/L 23)	\$ 14 13	\$ 17 53	\$ 12 85	\$ 9 05	\$ 11 01	\$ 7 54	\$ 8 99	\$ 1 81	-	-
47	2 Prod Capacity 1/13th AD (L 2/L 23)	\$ 1 18	\$ 1 18	\$ 1 18	\$ 1 18	\$ 1 18	\$ 1 16	\$ 1 16	\$ 1 18	-	-
48	3 Transmission (L 4/L 23)	\$ 3 13	\$ 3 88	\$ 2 84	\$ 2 03	\$ 2 44	\$ 1 67	\$ 1 99	\$ 0 40	-	-
49	4 Distribution Primary (L 5/L 24)	\$ 6 08	\$ 7 57	\$ 6 80	\$ 2 83	\$ 4 34	\$ 5 87	\$ 4 11	\$ 5 91	-	-
50	5 Distribution Secondary (L 6/L 25)	\$ 4 46	\$ 5 88	\$ 6 48	\$ 1 12	\$ 2 06	\$ -	\$ 2 16	\$ 2 32	-	-
51	Or										
52	b Based on Billing KW Demand - \$/KW/Month										
53	1. Prod Capacity 12/13th 12CP (L 1/L 27)	-	-	-	-	\$ 4 33	\$ 2 65	\$ 3 43	-	-	-
54	2 Prod Capacity 1/13th AD (L 2/L 27)	-	-	-	-	\$ 0 46	\$ 0 41	\$ 0 44	-	-	-
55	3 Transmission (L 4/L 27)	-	-	-	-	\$ 0 96	\$ 0 59	\$ 0 76	-	-	-
56	4 Distribution Primary (L 5/L 28)	-	-	-	-	\$ 1 72	\$ 2 06	\$ 1 61	-	-	-
57	5 Distribution Secondary (L 6/L 29)	-	-	-	-	\$ 0 78	\$ -	\$ 0 92	-	-	-
58	D Lighting Facilities - \$/Unit/Month										
59	1 Fixture (L 10/L 31 / 12)	-	-	-	-	-	-	-	\$ 5 62	-	-
60	2 Pole (L 11/L 32 / 12)	-	-	-	-	-	-	-	-	\$ 5 16	-

**TABLE 5A**  
**FLORIDA POWER CORPORATION**  
**SUMMARY DEVELOPMENT OF FUNCTIONAL UNIT COSTS WITH PRESENT REVENUE CREDITS**  
**PROJECTED CALENDAR YEAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD (IS/CS TREATED AS FIRM)**

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
K:\ates\electric mfrs\work\Class_COS_UC25% xls\U C 25% AD_PR_RC											
Line		TOTAL RETAIL	RESIDENTIAL (RS)	GEN SERV NON DEM (GS-1)	GEN SERV 100% LF (GS-2)	GEN SERV DEMAND (GSD, SS-1)	CURTAIL- ABLE (CS, SS-3)	INTERRUPT- IBLE (IS, SS-2)	ENERGY	LIGHTING (LS) FIXTURE/ MAINT	POLE
<b>I COST OF SERVICE - (000'S)</b>											
1	A Production Capacity -75% 12CP	\$ 425,948	\$ 265,817	\$ 12,272	\$ 567	\$ 128,198	\$ 1,120	\$ 17,566	\$ 409	\$ -	\$ -
2	B Production Capacity -25% AD	\$ 141,983	\$ 71,579	\$ 4,505	\$ 295	\$ 54,783	\$ 684	\$ 9,071	\$ 1,065	\$ -	\$ -
3	C Production Energy	\$ 119,942	\$ 60,466	\$ 3,809	\$ 246	\$ 46,277	\$ 581	\$ 7,663	\$ 900	\$ -	\$ -
4	D Transmission	\$ 115,974	\$ 72,373	\$ 3,344	\$ 156	\$ 34,902	\$ 304	\$ 4,785	\$ 110	\$ -	\$ -
5	E Distribution Primary	\$ 221,607	\$ 141,278	\$ 7,970	\$ 218	\$ 62,133	\$ 1,066	\$ 7,298	\$ 1,644	\$ -	\$ -
6	F Distribution Secondary	\$ 142,199	\$ 109,707	\$ 7,552	\$ 86	\$ 24,001	\$ -	\$ 210	\$ 643	\$ -	\$ -
7	G Distribution Services	\$ 61,733	\$ 54,805	\$ 4,458	\$ 442	\$ 2,011	\$ -	\$ 3	\$ 14	\$ -	\$ -
8	H Metering	\$ 37,556	\$ 30,696	\$ 2,679	\$ 213	\$ 3,676	\$ 12	\$ 269	\$ 11	\$ -	\$ -
9	I Interruptible Equipment	\$ 393	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 393	\$ -	\$ -	\$ -
10	J Lighting Fixture/Maint	\$ 26,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,350	\$ -
11	K Lighting Pole	\$ 14,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,627
12	L Customer Billing, Info, etc	\$ 88,944	\$ 78,142	\$ 6,337	\$ 627	\$ 2,889	\$ 1	\$ 26	\$ 922	\$ -	\$ -
13	Total	\$ 1,397,256	\$ 884,863	\$ 52,926	\$ 2,850	\$ 358,869	\$ 3,769	\$ 47,284	\$ 5,718	\$ 26,350	\$ 14,627
<b>II BILLING UNITS</b>											
15	A Number of Monthly Bills										
16	1 Metered Bills	17,471,841	15,526,065	1,256,453	109,318	574,236	96	1,771	3,902	0	0
17	2 Unmetered Bills	723,906	0	6,890	15,249	0	0	0	701,767	0	0
18	3 Total Bills	18,195,747	15,526,065	1,263,343	124,567	574,236	96	1,771	705,669	0	0
19	4 Total Bills with Secondary Service Tap	17,487,326	15,526,065	1,262,896	124,567	569,389	13	494	3,902	0	0
20	5 Total Bills with IS Equipment	1,771	0	0	0	0	0	1,771	0	0	0
21	B Annual Effective MWH Sales										
22	1 Production and Transmission Services	37,109,884	18,663,084	1,174,929	76,931	14,330,380	181,684	2,405,025	277,851	0	0
23	2 Distribution Primary Service	36,465,456	18,663,084	1,171,805	76,931	14,318,064	181,684	1,776,037	277,851	0	0
24	3 Distribution Secondary Service	31,912,750	18,663,084	1,165,177	76,931	11,631,541	650	97,516	277,851	0	0
25	C Sum of Monthly Effective Billing KW										
26	1 Production and Transmission Services	-	-	-	-	36,442,876	517,724	6,294,067	-	-	-
27	2 Distribution Primary Service	-	-	-	-	36,089,352	517,724	4,529,125	-	-	-
28	3 Distribution Secondary Service	-	-	-	-	30,622,260	1,467	229,344	-	-	-
29	D Lighting Facilities										
30	1 Average Number of Fixtures	-	-	-	-	-	-	-	-	390,385	-
31	2 Average Number of Poles	-	-	-	-	-	-	-	-	-	236,094
32	E 12 CP - Allocator per Allocator No 1B	100 000%	62 406%	2 881%	0 133%	30 097%	0 263%	4 124%	0 096%	0 000%	0 000%
33	Avg Demand - Allocator per Allocator No 1B	100 000%	50 414%	3 173%	0 208%	38 584%	0 482%	6 389%	0 750%	0 000%	0 000%
<b>III UNIT COSTS</b>											
36	A Customer Related Costs - \$/Bill										
37	1 Metering (L 8/L 17)	-	\$ 1 98	\$ 2 13	\$ 1 95	\$ 6 40	\$ 125 00	\$ 151 89	\$ 2 82	-	-
38	2 Customer Billing, Info, etc (L 12/L 19)	-	\$ 5 03	\$ 5 02	\$ 5 03	\$ 5 03	\$ 10 42	\$ 14 68	\$ 1 31	-	-
39	3 Secondary Service Tap (L 7/L 20)	-	\$ 3 53	\$ 3 53	\$ 3 55	\$ 3 53	\$ -	\$ 3 59	-	-	-
40	4 Interruptible Equipment (L 9/L 21)	-	-	-	-	-	\$ 221 91	-	-	-	-
41	B Energy Related Costs - \$/MWH										
42	1 Production Energy (L 3/L 23)	\$ 3 23	\$ 3 24	\$ 3 24	\$ 3 20	\$ 3 23	\$ 3 20	\$ 3 19	\$ 3 24	-	-
43	C Capacity Related Costs										
44	a Based on MWH Sales - \$/MWH										
45	1 Production Capacity 75% (L 1/L 23)	\$ 11 48	\$ 14 24	\$ 10 44	\$ 7 36	\$ 8 95	\$ 6 17	\$ 7 30	\$ 1 47	-	-
46	2 Production Capacity 25% (L 2/L 23)	\$ 3 83	\$ 3 84	\$ 3 83	\$ 3 84	\$ 3 82	\$ 3 77	\$ 3 77	\$ 3 83	-	-
47	3 Transmission (L 4/L 23)	\$ 3 13	\$ 3 88	\$ 2 85	\$ 2 03	\$ 2 44	\$ 1 67	\$ 1 99	\$ 0 40	-	-
48	4 Distribution Primary (L 5/L 24)	\$ 6 08	\$ 7 57	\$ 6 80	\$ 2 83	\$ 4 34	\$ 5 87	\$ 4 11	\$ 5 92	-	-
49	5 Distribution Secondary (L 6/L 25)	\$ 4 46	\$ 5 88	\$ 6 48	\$ 1 12	\$ 2 06	\$ -	\$ 2 15	\$ 2 31	-	-
50	Or										
51	b Based on Billing KW Demand - \$/KW/Month										
52	1 Production Capacity 75% (L 1/L 27)	-	-	-	-	\$ 3 52	\$ 2 16	\$ 2 79	-	-	-
53	2 Production Capacity 25% (L 2/L 27)	-	-	-	-	\$ 1 50	\$ 1 32	\$ 1 44	-	-	-
54	3 Transmission (L 4/L 27)	-	-	-	-	\$ 0 96	\$ 0 59	\$ 0 76	-	-	-
55	4 Distribution Primary (L 5/L 28)	-	-	-	-	\$ 1 72	\$ 2 06	\$ 1 61	-	-	-
56	5 Distribution Secondary (L 6/L 29)	-	-	-	-	\$ 0 78	\$ -	\$ 0 92	-	-	-
57	D Lighting Facilities - \$/Unit/Month										
58	1 Fixture (L 10/L 31 / 12)	-	-	-	-	-	-	-	\$ 5 62	-	-
59	2 Pole (L 11/L 32 / 12)	-	-	-	-	-	-	-	-	\$ 5 16	-

**TABLE 6A**  
**FLORIDA POWER CORPORATION**  
**SUMMARY DEVELOPMENT OF FUNCTIONAL UNIT COSTS WITH PRESENT REVENUE CREDITS**  
**PROJECTED CALENDAR YEAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD (IS/CS TREATED AS FIRM)**

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		TOTAL	RESIDENTIAL	GEN SERV	GEN SERV	GEN SERV	CURTAIL-	INTERRUPT-	LIGHTING (LS)		
		RETAIL	(RS)	NON DEM	100% LF	DEMAND	ABLE	IBLE	ENERGY	FIXTURE/	POLE
				(GS-1)	(GS-2)	(GSD, SS-1)	(CS, SS-3)	(IS, SS-2)		MAINT	
<b>I COST OF SERVICE - (000'S)</b>											
1	A	Production Capacity -50% 12CP	\$ 283,961	\$ 177,227	\$ 8,185	\$ 373	\$ 85,450	\$ 750	\$ 11,704	\$ 271	\$ -
2	B	Production Capacity -50% AD	\$ 283,961	\$ 143,156	\$ 9,010	\$ 591	\$ 109,564	\$ 1,369	\$ 18,142	\$ 2,130	\$ -
3	C	Production Energy	\$ 119,940	\$ 60,469	\$ 3,808	\$ 247	\$ 46,274	\$ 581	\$ 7,663	\$ 898	\$ -
4	D	Transmission	\$ 115,974	\$ 72,377	\$ 3,341	\$ 156	\$ 34,899	\$ 305	\$ 4,786	\$ 110	\$ -
5	E	Distribution Primary	\$ 221,606	\$ 141,284	\$ 7,966	\$ 218	\$ 62,129	\$ 1,067	\$ 7,299	\$ 1,643	\$ -
6	F	Distribution Secondary	\$ 142,202	\$ 109,711	\$ 7,552	\$ 86	\$ 24,000	\$ -	\$ 210	\$ 643	\$ -
7	G	Distribution Services	\$ 61,727	\$ 54,806	\$ 4,457	\$ 436	\$ 2,011	\$ -	\$ 3	\$ 14	\$ -
8	H	Metering	\$ 37,560	\$ 30,698	\$ 2,679	\$ 213	\$ 3,678	\$ 12	\$ 269	\$ 11	\$ -
9	I	Interruptible Equipment	\$ 392	\$ -	\$ -	\$ -	\$ -	\$ 392	\$ -	\$ -	\$ -
10	J	Lighting Fixture/Maint	\$ 26,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,350	\$ -
11	K	Lighting Pole	\$ 14,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,627
12	L	Customer Billing, Info, etc	\$ 88,941	\$ 78,144	\$ 6,335	\$ 625	\$ 2,888	\$ 1	\$ 26	\$ 922	\$ -
13		Total	\$ 1,397,241	\$ 867,872	\$ 53,333	\$ 2,945	\$ 370,893	\$ 4,085	\$ 50,494	\$ 6,642	\$ 26,350
14											\$ 14,627
<b>II BILLING UNITS</b>											
15	A	Number of Monthly Bills									
16	1	Metered Bills	17,471,841	15,526,065	1,256,453	109,318	574,236	96	1,771	3,902	-
17	2	Unmetered Bills	723,906	-	6,890	15,249	-	-	-	701,767	-
18	3	Total Bills	18,195,747	15,526,065	1,263,343	124,567	574,236	96	1,771	705,669	-
19	4	Total Bills with Secondary Service Tap	17,487,326	15,526,065	1,262,896	124,567	569,389	13	494	3,902	-
20	5	Total Bills with IS Equipment	1,771	-	-	-	-	-	1,771	-	-
21	B	Annual Effective MWH Sales									
22	1	Production and Transmission Services	37,109,884	18,663,084	1,174,929	76,931	14,330,380	181,684	2,405,025	277,851	-
23	2	Distribution Primary Service	36,465,456	18,663,084	1,171,805	76,931	14,318,064	181,684	1,776,037	277,851	-
24	3	Distribution Secondary Service	31,912,750	18,663,084	1,165,177	76,931	11,631,541	650	97,516	277,851	-
25	C	Sum of Monthly Effective Billing KW									
26	1	Production and Transmission Services	-	-	-	-	36,442,876	517,724	6,294,067	-	-
27	2	Distribution Primary Service	-	-	-	-	36,089,352	517,724	4,529,125	-	-
28	3	Distribution Secondary Service	-	-	-	-	30,622,260	1,467	229,344	-	-
29	D	Lighting Facilities									
30	1	Average Number of Fixtures	-	-	-	-	-	-	-	390,365	-
31	2	Average Number of Poles	-	-	-	-	-	-	-	-	236,094
32	E	12 CP - Allocator per Allocator No. 1B	100 000%	62 406%	2 881%	0 133%	30 097%	0 263%	4 124%	0 096%	0 000%
33		Avg Demand - Allocator per Allocator No. 1B	100 000%	50 414%	3 173%	0 208%	38 584%	0 482%	6 389%	0 750%	0 000%
34											
35											
<b>III UNIT COSTS</b>											
36	A	Customer Related Costs - \$/Bill									
37	1	Metering (L. 8/L. 17)	-	\$ 1 98	\$ 2 13	\$ 1 95	\$ 6 41	\$ 125.00	\$ 151.89	\$ 2 82	-
38	2	Customer Billing, Info, etc (L. 12/L. 19)	-	\$ 5 03	\$ 5 01	\$ 5.02	\$ 5 03	\$ 10 42	\$ 14.68	\$ 1 31	-
39	3	Secondary Service Tap (L. 7/L. 20)	-	\$ 3 53	\$ 3 53	\$ 3 50	\$ 3 53	\$ -	\$ -	\$ 3 59	-
40	4	Interruptible Equipment (L. 9/L. 21)	-	-	-	-	-	\$ 221 34	-	-	-
41	B	Energy Related Costs - \$/MWH									
42	1	Production Energy (L. 3/L. 23)	\$ 3.23	\$ 3 24	\$ 3 24	\$ 3 21	\$ 3 23	\$ 3 20	\$ 3 19	\$ 3 23	-
43	C	Capacity Related Costs									
44	a.	Based on MWH Sales - \$/MWH									
45	1	Production Capacity 50% (L. 1/L. 23)	\$ 7 65	\$ 9 50	\$ 6 97	\$ 4 85	\$ 5 96	\$ 4 13	\$ 4 87	\$ 0 98	-
46	2	Production Capacity 50% (L. 2/L. 23)	\$ 7 65	\$ 7 67	\$ 7 67	\$ 7 68	\$ 7 65	\$ 7 53	\$ 7 54	\$ 7 66	-
47	3	Transmission (L. 4/L. 23)	\$ 3 13	\$ 3 88	\$ 2 84	\$ 2 03	\$ 2 44	\$ 1 68	\$ 1 99	\$ 0 40	-
48	4	Distribution Primary (L. 5/L. 24)	\$ 6 08	\$ 7 57	\$ 6 80	\$ 2 83	\$ 4 34	\$ 5 87	\$ 4 11	\$ 5 91	-
49	5	Distribution Secondary (L. 6/L. 25)	\$ 4 46	\$ 5 88	\$ 6 48	\$ 1 12	\$ 2 06	\$ -	\$ 2 15	\$ 2 31	-
50	Or										
51	b.	Based on Billing KW Demand - \$/KW/Month									
52	1	Production Capacity 50% (L. 1/L. 27)	-	-	-	-	\$ 2 34	\$ 1 45	\$ 1 86	-	-
53	2	Production Capacity 50% (L. 2/L. 27)	-	-	-	-	\$ 3 01	\$ 2 64	\$ 2 88	-	-
54	3	Transmission (L. 4/L. 27)	-	-	-	-	\$ 0 96	\$ 0 59	\$ 0 76	-	-
55	4	Distribution Primary (L. 5/L. 28)	-	-	-	-	\$ 1 72	\$ 2 06	\$ 1 61	-	-
56	5	Distribution Secondary (L. 6/L. 29)	-	-	-	-	\$ 0 78	\$ -	\$ 0 92	-	-
57	D	Lighting Facilities - \$/Unit/Month									
58	1	Fixture (L. 10/L. 31 / 12)	-	-	-	-	-	-	-	\$ 5 62	-
59	2	Pole (L. 11/L. 32 / 12)	-	-	-	-	-	-	-	-	\$ 5 16
60											

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 \_\_/\_\_/\_\_☒ Projected Test Year Ended 12/31/02☐ Prior Year Ended \_\_/\_\_/\_\_

Witness: Slusser

A Summary of functional unit cost information is shown on the following attached tables:

Table 4B - 12CP and 1/13th AD Production Cost Allocation Method

Table 5B - 12CP and 25% AD Production Cost Allocation Method

Table 6B - 12CP and 50% AD Production Cost Allocation Method

**TABLE 4B**  
**FLORIDA POWER CORPORATION**  
**SUMMARY DEVELOPMENT OF FUNCTIONAL UNIT COSTS WITH PROPOSED REVENUE CREDITS**  
**PROJECTED CALENDAR YEAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 1/13 AD (IS/CS TREATED AS FIRM)**

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		TOTAL RETAIL	RESIDENTIAL (RS)	GEN SERV NON DEM (GS-1)	GEN SERV 100% LF (GS-2)	GEN SERV DEMAND (GSD, SS-1)	CURTAIN- ABLE (CS, SS-3)	INTERRUPT- ILE (IS, SS-2)	ENERGY	LIGHTING (LS) FIXTURE/ MAINT	POLE
<b>I COST OF SERVICE - (000'S)</b>											
1	A Production Capacity -12/13th 12CP	\$ 524,243	\$ 327,166	\$ 15,103	\$ 696	\$ 157,785	\$ 1,370	\$ 21,620	\$ 503	\$ -	\$ -
2	B Production Capacity -1/13th AD	\$ 43,685	\$ 22,023	\$ 1,386	\$ 91	\$ 16,855	\$ 211	\$ 2,791	\$ 328	\$ -	\$ -
3	C Production Energy	\$ 119,940	\$ 60,463	\$ 3,807	\$ 248	\$ 46,279	\$ 581	\$ 7,663	\$ 899	\$ -	\$ -
4	D Transmission	\$ 115,970	\$ 72,371	\$ 3,341	\$ 156	\$ 34,903	\$ 303	\$ 4,786	\$ 110	\$ -	\$ -
5	E Distribution Primary	\$ 221,604	\$ 141,275	\$ 7,967	\$ 218	\$ 62,135	\$ 1,067	\$ 7,299	\$ 1,643	\$ -	\$ -
6	F Distribution Secondary	\$ 142,198	\$ 109,703	\$ 7,552	\$ 86	\$ 24,002	\$ -	\$ 211	\$ 644	\$ -	\$ -
7	G Distribution Services	\$ 50,423	\$ 44,768	\$ 3,642	\$ 359	\$ 1,642	\$ -	\$ 2	\$ 11	\$ -	\$ -
8	H Metering	\$ 37,558	\$ 30,695	\$ 2,679	\$ 215	\$ 3,677	\$ 12	\$ 269	\$ 11	\$ -	\$ -
9	I Interruptible Equipment	\$ 392	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 392	\$ -	\$ -	\$ -
10	J Lighting Fixture/Maint	\$ 26,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,350	\$ -
11	K Lighting Pole	\$ 14,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,627
12	L Customer Billing, Info, etc	\$ 88,939	\$ 78,139	\$ 6,336	\$ 625	\$ 2,889	\$ 1	\$ 26	\$ 923	\$ -	\$ -
13	Total	\$ 1,385,929	\$ 886,603	\$ 51,813	\$ 2,694	\$ 350,167	\$ 3,545	\$ 45,059	\$ 5,072	\$ 26,350	\$ 14,627
<b>II BILLING UNITS</b>											
15	A Number of Monthly Bills										
17	1 Metered Bills	17,471,841	15,526,065	1,256,453	109,318	574,236	96	1,771	3,902	-	-
18	2 Unmetered Bills	723,906	-	6,890	15,249	-	-	-	701,767	-	-
19	3 Total Bills	18,195,747	15,526,065	1,263,343	124,567	574,236	96	1,771	705,669	-	-
20	4 Total Bills with Secondary Service Tap	17,487,326	15,526,065	1,262,896	124,567	569,389	13	494	3,902	-	-
21	5 Total Bills with IS Equipment	1,771	-	-	-	-	-	1,771	-	-	-
22	B Annual Effective MWH Sales										
23	1 Production and Transmission Services	37,109,884	18,663,084	1,174,929	76,931	14,330,380	181,684	2,405,025	277,851	-	-
24	2 Distribution Primary Service	36,465,456	18,663,084	1,171,805	76,931	14,318,064	181,684	1,776,037	277,851	-	-
25	3 Distribution Secondary Service	31,912,750	18,663,084	1,165,177	76,931	11,631,541	650	97,516	277,851	-	-
26	C Sum of Monthly Effective Billing KW										
27	1 Production and Transmission Services	-	-	-	-	36,442,876	517,724	6,294,067	-	-	-
28	2 Distribution Primary Service	-	-	-	-	36,089,352	517,724	4,529,125	-	-	-
29	3 Distribution Secondary Service	-	-	-	-	30,622,260	1,467	229,344	-	-	-
30	D Lighting Facilities										
31	1 Average Number of Fixtures	-	-	-	-	-	-	-	-	390,385	-
32	2 Average Number of Poles	-	-	-	-	-	-	-	-	-	236,094
33	E 12 CP - Allocator per Allocator No. 1B	100.000%	62.406%	2.881%	0.133%	30.097%	0.263%	4.124%	0.096%	0.000%	0.000%
34	Avg Demand - Allocator per Allocator No. 1B	100.000%	50.414%	3.173%	0.208%	38.584%	0.482%	6.389%	0.750%	0.000%	0.000%
<b>III UNIT COSTS</b>											
36	A Customer Related Costs - \$/Bill										
38	1 Metering (L. 8/L. 17)	-	\$ 1.98	\$ 2.13	\$ 1.97	\$ 6.40	\$ 125.00	\$ 151.89	\$ 2.82	-	-
39	2 Customer Billing, Info, etc. (L. 12/L. 19)	-	\$ 5.03	\$ 5.02	\$ 5.02	\$ 5.03	\$ 10.42	\$ 14.68	\$ 1.31	-	-
40	3 Secondary Service Tap (L. 7/L. 20)	-	\$ 2.88	\$ 2.88	\$ 2.88	\$ 2.88	\$ -	\$ -	\$ 2.84	-	-
41	4 Interruptible Equipment (L. 9/L. 21)	-	-	-	-	-	-	\$ 221.34	-	-	-
42	B Energy Related Costs - \$/MWH										
43	1 Production Energy (L. 3/L. 23)	\$ 3.23	\$ 3.24	\$ 3.24	\$ 3.22	\$ 3.23	\$ 3.20	\$ 3.19	\$ 3.24	-	-
44	C Capacity Related Costs										
45	a Based on MWH Sales - \$/MWH										
46	1. Prod Capacity 12/13th 12CP (L. 1/L. 23)	\$ 14.13	\$ 17.53	\$ 12.85	\$ 9.05	\$ 11.01	\$ 7.54	\$ 8.99	\$ 1.81	-	-
47	2. Prod Capacity 1/13th AD (L. 2/L. 23)	\$ 1.18	\$ 1.18	\$ 1.18	\$ 1.18	\$ 1.18	\$ 1.16	\$ 1.16	\$ 1.18	-	-
48	3. Transmission (L. 4/L. 23)	\$ 3.13	\$ 3.88	\$ 2.84	\$ 2.03	\$ 2.44	\$ 1.67	\$ 1.99	\$ 0.40	-	-
49	4. Distribution Primary (L. 5/L. 24)	\$ 6.08	\$ 7.57	\$ 6.80	\$ 2.83	\$ 4.34	\$ 5.87	\$ 4.11	\$ 5.91	-	-
50	5. Distribution Secondary (L. 6/L. 25)	\$ 4.46	\$ 5.88	\$ 6.48	\$ 1.12	\$ 2.06	\$ -	\$ 2.16	\$ 2.32	-	-
51	Or										
52	b Based on Billing KW Demand - \$/KW/Month										
53	1 Prod Capacity 12/13th 12CP (L. 1/L. 27)	-	-	-	-	\$ 4.33	\$ 2.65	\$ 3.43	-	-	-
54	2 Prod Capacity 1/13th AD (L. 2/L. 27)	-	-	-	-	\$ 0.46	\$ 0.41	\$ 0.44	-	-	-
55	3 Transmission (L. 4/L. 27)	-	-	-	-	\$ 0.96	\$ 0.59	\$ 0.76	-	-	-
56	4 Distribution Primary (L. 5/L. 28)	-	-	-	-	\$ 1.72	\$ 2.06	\$ 1.61	-	-	-
57	5 Distribution Secondary (L. 6/L. 29)	-	-	-	-	\$ 0.78	\$ -	\$ 0.92	-	-	-
58	D Lighting Facilities - \$/Unit/Month										
59	1 Fixture (L. 10/L. 31 / 12)	-	-	-	-	-	-	-	\$ 5.62	-	-
60	2 Pole (L. 11/L. 32 / 12)	-	-	-	-	-	-	-	-	\$ 5.16	-

**TABLE 5B**  
**FLORIDA POWER CORPORATION**  
**SUMMARY DEVELOPMENT OF FUNCTIONAL UNIT COSTS WITH PROPOSED REVENUE CREDITS**  
**PROJECTED CALENDAR YEAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 25% AD (IS/CS TREATED AS FIRM)**

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
K:\rates\electric mfr\work\Class_COS_UC25% xls\U C 25% AD_PP_RC		GEN SERV	GEN SERV	GEN SERV	GEN SERV	CURTAIL-	INTERRUPT-	LIGHTING (LS)			
		NON DEM	100% LF	DEMAND	ABLE	IBLE	FIXTURE/ MAINT				
		(GS-1)	(GS-2)	(GSD, SS-1)	(CS, SS-3)	(IS, SS-2)	POLE				
Line		TOTAL RETAIL	RESIDENTIAL (RS)					ENERGY			
I	COST OF SERVICE - (000'S)										
1	A Production Capacity -75% 12CP	\$ 425,948	\$ 265,817	\$ 12,272	\$ 567	\$ 128,198	\$ 1,120	\$ 17,566	\$ 409	\$ -	\$ -
2	B Production Capacity -25% AD	\$ 141,983	\$ 71,579	\$ 4,505	\$ 295	\$ 54,783	\$ 684	\$ 9,071	\$ 1,065	\$ -	\$ -
3	C Production Energy	\$ 119,942	\$ 60,466	\$ 3,809	\$ 246	\$ 46,277	\$ 581	\$ 7,663	\$ 900	\$ -	\$ -
4	D Transmission	\$ 115,974	\$ 72,373	\$ 3,344	\$ 156	\$ 34,902	\$ 304	\$ 4,785	\$ 110	\$ -	\$ -
5	E Distribution Primary	\$ 221,607	\$ 141,278	\$ 7,970	\$ 218	\$ 62,133	\$ 1,066	\$ 7,298	\$ 1,644	\$ -	\$ -
6	F Distribution Secondary	\$ 142,199	\$ 109,707	\$ 7,552	\$ 86	\$ 24,001	\$ -	\$ 210	\$ 643	\$ -	\$ -
7	G Distribution Services	\$ 50,427	\$ 44,772	\$ 3,642	\$ 359	\$ 1,642	\$ -	\$ 2	\$ 11	\$ -	\$ -
8	H Metering	\$ 37,556	\$ 30,696	\$ 2,679	\$ 213	\$ 3,676	\$ 12	\$ 269	\$ 11	\$ -	\$ -
9	I Interruptible Equipment	\$ 393	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 393	\$ -	\$ -	\$ -
10	J Lighting Fixture/Maint	\$ 26,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,350	\$ -
11	K Lighting Pole	\$ 14,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,627
12	L Customer Billing, Info, etc	\$ 88,944	\$ 78,142	\$ 6,337	\$ 627	\$ 2,889	\$ 1	\$ 26	\$ 922	\$ -	\$ -
13	Total	\$ 1,385,950	\$ 874,830	\$ 52,110	\$ 2,767	\$ 358,500	\$ 3,769	\$ 47,283	\$ 5,715	\$ 26,350	\$ 14,627
14											
15	II BILLING UNITS										
16	A Number of Monthly Bills										
17	1 Metered Bills	17,471,841	15,526,065	1,256,453	109,318	574,236	96	1,771	3,902	0	0
18	2 Unmetered Bills	723,906	0	6,890	15,249	0	0	0	701,767	0	0
19	3 Total Bills	18,195,747	15,526,065	1,263,343	124,567	574,236	96	1,771	705,669	0	0
20	4 Total Bills with Secondary Service Tap	17,487,326	15,526,065	1,262,896	124,567	569,389	13	494	3,902	0	0
21	5 Total Bills with IS Equipment	1,771	0	0	0	0	0	1,771	0	0	0
22	B Annual Effective MWH Sales										
23	1 Production and Transmission Services	37,109,884	18,663,084	1,174,929	76,931	14,330,380	181,684	2,405,025	277,851	0	0
24	2 Distribution Primary Service	36,465,456	18,663,084	1,171,805	76,931	14,318,064	181,684	1,776,037	277,851	0	0
25	3 Distribution Secondary Service	31,912,750	18,663,084	1,165,177	76,931	11,631,541	650	97,516	277,851	0	0
26	C Sum of Monthly Effective Billing KW										
27	1. Production and Transmission Services	-	-	-	-	36,442,876	517,724	6,294,067	-	-	-
28	2 Distribution Primary Service	-	-	-	-	36,089,352	517,724	4,529,125	-	-	-
29	3 Distribution Secondary Service	-	-	-	-	30,622,260	1,467	229,344	-	-	-
30	D Lighting Facilities										
31	1 Average Number of Fixtures	-	-	-	-	-	-	-	-	390,385	-
32	2 Average Number of Poles	-	-	-	-	-	-	-	-	-	236,094
33	E 12 CP - Allocator per Allocator No. 1B	100.000%	62.406%	2.881%	0.133%	30.097%	0.263%	4.124%	0.096%	0.000%	0.000%
34	Avg Demand - Allocator per Allocator No. 1B	100.000%	50.414%	3.173%	0.208%	38.584%	0.482%	6.389%	0.750%	0.000%	0.000%
35											
36	III UNIT COSTS -										
37	A Customer Related Costs - \$/Bill										
38	1 Metering (L 8/L 17)	-	\$ 1.98	\$ 2.13	\$ 1.95	\$ 6.40	\$ 125.00	\$ 151.89	\$ 2.82	-	-
39	2 Customer Billing, Info, etc (L 12/L 19)	-	\$ 5.03	\$ 5.02	\$ 5.03	\$ 5.03	\$ 10.42	\$ 14.68	\$ 1.31	-	-
40	3 Secondary Service Tap (L 7/L 20)	-	\$ 2.88	\$ 2.88	\$ 2.88	\$ 2.88	\$ -	\$ -	\$ 2.84	-	-
41	4 Interruptible Equipment (L 9/L 21)	-	-	-	-	-	\$ 221.91	-	-	-	-
42	B Energy Related Costs - \$/MWH										
43	1 Production Energy (L 3/L 23)	\$ 3.23	\$ 3.24	\$ 3.24	\$ 3.20	\$ 3.23	\$ 3.20	\$ 3.19	\$ 3.24	-	-
44	C Capacity Related Costs										
45	a Based on MWH Sales - \$/MWH										
46	1 Prod Capacity 75% 12CP (L 1/L 23)	\$ 11.48	\$ 14.24	\$ 10.44	\$ 7.36	\$ 8.95	\$ 6.17	\$ 7.30	\$ 1.47	-	-
47	2 Prod Capacity 25% AD (L 2/L 23)	\$ 3.83	\$ 3.84	\$ 3.83	\$ 3.84	\$ 3.82	\$ 3.77	\$ 3.77	\$ 3.83	-	-
48	3 Transmission (L 4/L 23)	\$ 3.13	\$ 3.88	\$ 2.85	\$ 2.03	\$ 2.44	\$ 1.67	\$ 1.99	\$ 0.40	-	-
49	4 Distribution Primary (L 5/L 24)	\$ 6.08	\$ 7.57	\$ 6.80	\$ 2.83	\$ 4.34	\$ 5.87	\$ 4.11	\$ 5.92	-	-
50	5 Distribution Secondary (L 6/L 25)	\$ 4.46	\$ 5.88	\$ 6.48	\$ 1.12	\$ 2.06	\$ -	\$ 2.15	\$ 2.31	-	-
51	Or										
52	b Based on Billing KW Demand - \$/KW/Month										
53	1 Prod Capacity 75% 12CP (L 1/L 27)	-	-	-	-	\$ 3.52	\$ 2.16	\$ 2.79	-	-	-
54	2 Prod Capacity 25% AD (L 2/L 27)	-	-	-	-	\$ 1.50	\$ 1.32	\$ 1.44	-	-	-
55	3 Transmission (L 4/L 27)	-	-	-	-	\$ 0.96	\$ 0.59	\$ 0.76	-	-	-
56	4 Distribution Primary (L 5/L 28)	-	-	-	-	\$ 1.72	\$ 2.06	\$ 1.61	-	-	-
57	5 Distribution Secondary (L 6/L 29)	-	-	-	-	\$ 0.78	\$ -	\$ 0.92	-	-	-
58	D Lighting Facilities - \$/Unit/Month										
59	1 Fixture (L 10/L 31 / 12)	-	-	-	-	-	-	-	\$ 5.62	-	-
60	2 Pole (L 11/L 32 / 12)	-	-	-	-	-	-	-	-	\$ 5.16	-



**TABLE 6B**  
**FLORIDA POWER CORPORATION**  
**SUMMARY DEVELOPMENT OF FUNCTIONAL UNIT COSTS WITH PRESENT REVENUE CREDITS**  
**PROJECTED CALENDAR YEAR 2002 DATA: FULLY ADJUSTED**  
**PRODUCTION CAPACITY ALLOCATION METHOD: 12CP & 50% AD (IS/CS TREATED AS FIRM)**

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		TOTAL	RESIDENTIAL	GEN SERV	GEN SERV	GEN SERV	CURTAIN-	INTERRUPT-	LIGHTING (LS)		
		RETAIL	(RS)	NON DEM	100% LF	DEMAND	ABLE	IBLE	ENERGY	FIXTURE/	POLE
				(GS-1)	(GS-2)	(GSD, SS-1)	(CS, SS-3)	(IS, SS-2)		MAINT	
K:\ates\electric mfrs\work\Class_COS_UC50% xls\JUC 50% AD_PP_RC											
Line											
I	<b>COST OF SERVICE - (000'S)</b>										
1	A Production Capacity -50% 12CP	\$ 283,961	\$ 177,227	\$ 8,185	\$ 373	\$ 85,450	\$ 750	\$ 11,704	\$ 271	\$ -	\$ -
2	B Production Capacity -50% AD	\$ 283,961	\$ 143,156	\$ 9,010	\$ 591	\$ 109,564	\$ 1,369	\$ 18,142	\$ 2,130	\$ -	\$ -
3	C Production Energy	\$ 119,940	\$ 60,469	\$ 3,808	\$ 247	\$ 46,274	\$ 581	\$ 7,663	\$ 898	\$ -	\$ -
4	D Transmission	\$ 115,974	\$ 72,377	\$ 3,341	\$ 156	\$ 34,899	\$ 305	\$ 4,786	\$ 110	\$ -	\$ -
5	E Distribution Primary	\$ 221,606	\$ 141,284	\$ 7,966	\$ 218	\$ 62,129	\$ 1,067	\$ 7,299	\$ 1,643	\$ -	\$ -
6	F Distribution Secondary	\$ 142,202	\$ 109,711	\$ 7,552	\$ 86	\$ 24,000	\$ -	\$ 210	\$ 643	\$ -	\$ -
7	G Distribution Services	\$ 50,421	\$ 44,766	\$ 3,641	\$ 359	\$ 1,642	\$ -	\$ 2	\$ 11	\$ -	\$ -
8	H Metering	\$ 37,560	\$ 30,698	\$ 2,679	\$ 213	\$ 3,678	\$ 12	\$ 269	\$ 11	\$ -	\$ -
9	I Interruptible Equipment	\$ 392	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 392	\$ -	\$ -	\$ -
10	J Lighting Fixture/Maint	\$ 26,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,350	\$ -
11	K Lighting Pole	\$ 14,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,627
12	L Customer Billing, Info, etc	\$ 88,941	\$ 78,144	\$ 6,335	\$ 625	\$ 2,888	\$ 1	\$ 26	\$ 922	\$ -	\$ -
13	Total	\$ 1,385,935	\$ 857,832	\$ 52,517	\$ 2,868	\$ 370,524	\$ 4,065	\$ 50,493	\$ 6,639	\$ 26,350	\$ 14,627
II	<b>BILLING UNITS</b>										
16	A Number of Monthly Bills										
17	1 Metered Bills	17,471,841	15,526,065	1,256,453	109,318	574,236	96	1,771	3,902	-	-
18	2 Unmetered Bills	723,906	-	6,890	15,249	-	-	-	701,767	-	-
19	3 Total Bills	18,195,747	15,526,065	1,263,343	124,567	574,236	96	1,771	705,669	-	-
20	4 Total Bills with Secondary Service Tap	17,487,326	15,526,065	1,262,896	124,567	569,389	13	494	3,902	-	-
21	5 Total Bills with IS Equipment	1,771	-	-	-	-	-	1,771	-	-	-
22	B Annual Effective MWH Sales										
23	1 Production and Transmission Services	37,109,884	18,663,084	1,174,929	76,931	14,330,380	181,684	2,405,025	277,851	-	-
24	2 Distribution Primary Service	36,465,456	18,663,084	1,171,805	76,931	14,318,064	181,684	1,776,037	277,851	-	-
25	3 Distribution Secondary Service	31,912,750	18,663,084	1,165,177	76,931	11,631,541	650	97,516	277,851	-	-
26	C Sum of Monthly Effective Billing KW										
27	1 Production and Transmission Services	-	-	-	-	36,442,876	517,724	6,294,067	-	-	-
28	2 Distribution Primary Service	-	-	-	-	36,089,352	517,724	4,529,125	-	-	-
29	3 Distribution Secondary Service	-	-	-	-	30,622,260	1,467	229,344	-	-	-
30	D Lighting Facilities										
31	1 Average Number of Fixtures	-	-	-	-	-	-	-	-	390,385	-
32	2 Average Number of Poles	-	-	-	-	-	-	-	-	-	236,094
33	E 12 CP - Allocator per Allocator No 1B	100 000%	62 406%	2 881%	0 133%	30 097%	0 263%	4 124%	0 096%	0 000%	0 000%
34	Avg Demand - Allocator per Allocator No 1B	100 000%	50 414%	3 173%	0 208%	38 584%	0 482%	6 389%	0 750%	0 000%	0 000%
III	<b>UNIT COSTS</b>										
37	A Customer Related Costs - \$/Bill										
38	1 Metering (L 8/L 17)	-	\$ 1 98	\$ 2 13	\$ 1 95	\$ 6 41	\$ 125 00	\$ 151 89	\$ 2 82	-	-
39	2 Customer Billing, Info, etc (L 12/L 19)	-	\$ 5 03	\$ 5 01	\$ 5 02	\$ 5 03	\$ 10 42	\$ 14 68	\$ 1 31	-	-
40	3 Secondary Service Tap (L 7/L 20)	-	\$ 2 88	\$ 2 88	\$ 2 88	\$ 2 88	\$ -	\$ -	\$ 2 84	-	-
41	4 Interruptible Equipment (L 9/L 21)	-	-	-	-	-	-	\$ 221 34	-	-	-
42	B Energy Related Costs - \$/MWH										
43	1 Production Energy (L 3/L 23)	\$ 3 23	\$ 3 24	\$ 3 24	\$ 3 21	\$ 3 23	\$ 3 20	\$ 3 19	\$ 3 23	-	-
44	C Capacity Related Costs										
45	a Based on MWH Sales - \$/MWH										
46	1 Prod Capacity 50% 12CP (L 1/L 23)	\$ 7 65	\$ 9 50	\$ 6 97	\$ 4 85	\$ 5 96	\$ 4 13	\$ 4 87	\$ 0 98	-	-
47	2 Prod Capacity 50% AD (L 2/L 23)	\$ 7 65	\$ 7 67	\$ 7 68	\$ 7 68	\$ 7 65	\$ 7 53	\$ 7 54	\$ 7 66	-	-
48	3 Transmission (L 4/L 23)	\$ 3 13	\$ 3 88	\$ 2 84	\$ 2 03	\$ 2 44	\$ 1 68	\$ 1 99	\$ 0 40	-	-
49	4 Distribution Primary (L 5/L 24)	\$ 6 08	\$ 7 57	\$ 6 80	\$ 2 83	\$ 4 34	\$ 5 87	\$ 4 11	\$ 5 91	-	-
50	5 Distribution Secondary (L 6/L 25)	\$ 4 46	\$ 5 88	\$ 6 48	\$ 1 12	\$ 2 06	\$ -	\$ 2 15	\$ 2 31	-	-
51	Or										
52	b Based on Billing KW Demand - \$/KW/Month										
53	1 Prod Capacity 50% 12CP (L 1/L 27)	-	-	-	-	\$ 2 34	\$ 1 45	\$ 1 86	-	-	-
54	2 Prod Capacity 50% AD (L 2/L 27)	-	-	-	-	\$ 3 01	\$ 2 64	\$ 2 88	-	-	-
55	3 Transmission (L 4/L 27)	-	-	-	-	\$ 0 96	\$ 0 59	\$ 0 76	-	-	-
56	4 Distribution Primary (L 5/L 28)	-	-	-	-	\$ 1 72	\$ 2 06	\$ 1 61	-	-	-
57	5 Distribution Secondary (L 6/L 29)	-	-	-	-	\$ 0 78	\$ -	\$ 0 92	-	-	-
58	D Lighting Facilities - \$/Unit/Month										
59	1 Fixture (L 10/L 31 / 12)	-	-	-	-	-	-	-	\$ 5 62	-	-
60	2 Pole (L 11/L 32 / 12)	-	-	-	-	-	-	-	-	\$ 5 16	-

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 \_\_/\_\_/\_\_☒ 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"

A summary of the customer unit cost is also shown in MFR Schedules E-8a and E-8b

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule

Type of Data Shown:

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

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

\_\_\_X\_\_\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO: 000824-EI

Witness: Slusser

Service Charge : Initial Establishment of Service

Line	Task Description	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:

**SCHEDULE E-10 SUPPLEMENTAL**  
Narrative and Supporting Notes

Page 2 of 10

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 from 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

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 \_\_\_/\_\_\_/\_\_\_

COMPANY FLORIDA POWER CORPORATION

DOCKET NO. 000824-EI

Witness: Slusser

**Service Charge : Re-establishment of Service to Inactive Account**

Line	Task Description	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:

**SCHEDULE E-10 SUPPLEMENTAL**  
Narrative and Supporting Notes

Page 4 of 10

**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

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 \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

\_\_X\_\_ Projected Test Year Ended 12/31/02

DOCKET NO.: 000824-EI

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness: Slusser

**Service Charge : Re-establishment of Service to Active Account**

Line	Task Description	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

**SCHEDULE E-10 SUPPLEMENTAL**  
Narrative and Supporting Notes

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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

EXPLANATION Provide the calculation of the current cost of providing the services listed in Schedule

Type of Data Shown:

COMPANY FLORIDA POWER CORPORATION

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.

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_\_\_X\_\_\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO.: 000824-EI

Witness Slusser

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

Line	Task Description	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

**SCHEDULE E-10 SUPPLEMENTAL**  
Narrative and Supporting Notes

Page 8 of 10

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

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

DOCKET NO: 000824-EI

**Service Charge : Temporary Service**

Line	Task Description	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

**SCHEDULE E-10 SUPPLEMENTAL**  
Narrative and Supporting Notes

Page 10 of 10

**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.

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a schedule which shows the company proposed increase/(decrease) in revenue by rate schedule and the present and company-proposed class rates of return under the proposed cost of service study. Provide justification for every class not left at the system rate of return. If the Increase / (decrease) from service charges by rate class does not equal that shown on Schedule E-16b or if the Increase / (decrease) from sales of electricity does not equal that shown on Schedule E-16a, provide an explanation.

Type of Data Shown.

\_\_\_Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_X\_Projected Test Year Ended 12/31/02

\_\_\_Prior Year Ended \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.. 000824-EI

Witness: Slusser

			(A)	(B)	(C)		(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	
			12 CP & 25% AD		Increase / (Decrease) \$000's							12 CP & 25% AD		% Incr / (Decr)		
			Present		Sales of Electricity			Service	Other	Total	Company Proposed		Class Sales Revenue			
Line	Rate Class	Rate Schedules	ROR (%)	Index	Billed	Unbilled	Total	Charges			Revenue	Revenues	ROR (%)	Index	Base	Total
1	Residential	RS-1, RSL-1, RST-1	9.87%	1.01	\$ (15,096)	\$ (22)	\$ (15,118)	\$ 10,038			\$ (5,080)	9.73%	0.99	(a)	-1.70%	-1.79%
2																
3	General Service	GS-1, GST-1, GSLM-1	13.82%	1.41	(931)	(1)	(932)	817			(115)	13.77%	1.40	(b)	-1.51%	-1.01%
4	Non-Demand															
5																
6	General Service	GS-2, GSLM-2	6.72%	0.69	223	0	223	80			304	9.80%	1.00		8.78%	4.89%
7	100% Load Factor															
8																
9	General Service	GSD-1, GSDT-1, SS-1	9.88%	1.01	(1,467)	(2)	(1,470)	368			(1,101)	9.81%	1.00		-0.41%	0.13%
10	Demand															
11																
12	Curtailable	CS-1, CST-1, CS-2,	11.95%	1.22	(347)	(1)	(348)	-			(348)	9.80%	1.00		-8.46%	-2.67%
13		CST-2, SS-3														
14																
15	Interruptible	IS-1, IST-1, IS-2, IST-2	8.30%	0.85	2,930	4	2,935	0			2,935	9.80%	1.00		6.62%	3.10%
16		SS-2														
17																
18	Lighting - Energy	LS-1	7.81%	0.80	425	1	425	2			428	9.82%	1.00		8.05%	6.10%
19	- Fxt & Maint	LS-1	5.47%	0.56						2,042	2,042	7.48%	0.76	(c)	n/a	n/a
20	- Poles	LS-1	3.29%	0.34						995	995	4.80%	0.49	(d)	n/a	n/a
21	Total Retail		9.81%	1.00	\$ (14,264)	\$ (21)	\$ (14,284)	\$ 11,306	\$ 3,036	\$ 58		9.81%	1.00		-1.05%	-0.88%

Notes - Justification for Class not left at system Rate of Return:

(a) Residential RS-1 - proposed charges represent balance of revenue requirements for RS-1 and GS-1 after all other rate classes' revenues were established.

(b) GS-1 Non Demand - rates set at Residential RS-1 average charge based on prior Commission approved rate design.

(c) Lighting Fixtures &amp; Maintenance - due to magnitude of cost justified increases for certain fixtures, proposed fixture charge increases have been capped at 15%.

(d) Lighting Poles - due to magnitude of cost justified increases for certain poles, proposed pole charge increases have been capped at 20%.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

COMPANY FLORIDA POWER CORPORATION

☒ Projected Test Year Ended 12/31/02

DOCKET NO

000824-EI

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness Slusser

Line No.	Rate Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
		Sales	Annual MWH Unbilled	Total (A) + (B)	Output to Line MWH *	Class NCP MW*	CP Winter MW*	CP Summer MW*	Average 12 CP MW*	Avg Demand MW* (D) / 8760	12 CP & 1/13 Weighted Avg. Demand*	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	4,487	6,811	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

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 \_\_\_/\_\_\_/\_\_\_

COMPANY FLORIDA POWER CORPORATION

\_X\_ Projected Test Year Ended 12/31/02

DOCKET NO 000824-EI

\_\_\_ 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"

FLORIDA PUBLIC SERVICE COMMISSION	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
COMPANY FLORIDA POWER CORPORATION		
DOCKET NO 000824-EI		

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"



FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_\_/\_\_\_\_/\_\_\_\_

COMPANY: FLORIDA POWER CORPORATION

☒ Projected Test Year Ended 12/31/2002

DOCKET NO.: 000824-EI

\_\_\_\_ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

Witness: Slusser

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

		(1)	(2)	(3)	(4)	(5)	(6)
	Rate Schedule	Base Revenue (\$000)	MWH Sales	Base Revenue \$/MWH (1) / (2)	Unbilled MWH Sales	Unbilled Revenue (\$000) (3) * (4)	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

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

☒ Projected Test Year Ended 12/31/2002

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO.: 000824-EI

Witness: Slusser

## DEVELOPMENT OF UNBILLED REVENUE @ PROPOSED RATES AND SUMMARY OF TOTAL CLASS REVENUES

	(1)	(2)	(3)	(4)	(5)	(6)
Rate Schedule	Base Revenue (\$000)	MWH Sales	Base Revenue \$/MWH (1) / (2)	Unbilled MWH Sales	Unbilled Revenue (\$000) (3) * (4)	Total Class Revenue (\$000) (1) + (5)
I. SALES						
RS-1	\$ 870,616	18,636,202	\$ 46.72	26,882	\$ 1,256	\$ 871,872
GS-1	60,747	1,173,367	51.77	1,693	88	60,834
GS-2	2,761	76,820	35.94	111	4	2,765
GS Demand						
GSD-1	357,605	14,331,221	24.95	20,672	516	358,121
SS-1	398	6,190	64.32	9	1	399
Subtotal GS Demand						358,519
Curtailable Service						
CS-1, CS-2	3,317	181,811	18.24	262	5	3,322
SS-3	443	1,437	308.45	2	1	444
Subtotal Curtailable						3,765
Interruptible Service						
IS-1, IS-2	42,221	2,215,039	19.06	3,196	61	42,282
SS-2	4,981	216,570	23.00	312	7	4,988
Subtotal Interruptible						47,270
LS-1	5,700	277,451	20.54	400	8	5,708
TOTAL SALES REVENUE	\$ 1,348,788	37,116,108		53,539	\$ 1,946	\$ 1,350,734
II. OTHER						
LS-1						
FIXTURE	\$ 17,819					\$ 17,819
MAINTENANCE	6,151					6,151
POLES	11,293					11,293
TOTAL OTHER REVENUE	\$ 35,264					\$ 35,264
III. TOTAL CLASS REVENUE	\$ 1,384,052				\$ 1,946	\$ 1,385,997

FLORIDA PUBLIC SERVICE COMMISSION

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

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

## 2002 REVENUE BY RATE SCHEDULE (\$000)

Rate Schedule	Present Rates (d)				
	(1)	(2)	(3)	(4)	(5)
	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	20,609	100,528	888,457
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	9	43	644
SS-2	5,033	5,949	307	1,495	12,783
SS-3	317	40	2	10	369
LS-1	5,275	7,477	172	530	13,455
TOTAL	\$ 1,363,052	\$ 1,061,621	\$ 65,037	\$ 333,241	\$ 2,822,952

## 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 utilization fees, Municipal Tax, or Sales Tax.

FLORIDA PUBLIC SERVICE COMMISSION

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

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

## 2002 REVENUE BY RATE SCHEDULE (\$000)

Rate Schedule	Proposed Rates (d)				
	(6) Base	(7) Fuel (a)	(8) ECCR (b)	(9) CCR (c)	(10) Totals (6)+(7)+(8)+(9)
RS-1	\$ 870,616	\$ 537,653	\$ 31,682	\$ 199,035	\$ 1,638,985
GS-1	60,747	33,804	1,654	9,914	106,119
GS-2	2,761	2,216	89	505	5,571
GSD-1	357,605	408,280	18,173	105,572	889,629
CS-1, CS-2	3,317	5,025	211	1,205	9,759
IS-1, IS-2	42,221	61,014	2,499	14,023	119,758
SS-1	398	162	8	45	612
SS-2	4,981	5,949	270	1,573	12,772
SS-3	443	40	2	11	496
LS-1	5,700	7,477	203	896	14,276
TOTAL	\$ 1,348,788	\$ 1,061,621	\$ 54,790	\$ 332,778	\$ 2,797,977

## 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, revised to reflect 12CP and 25% AD production cost allocation methodology and proposed reduced IS/CS credits.

(c) CCR Revenue calculated by applying factor in effect as of September 1, 2001, revised to reflect 12CP and 25% AD production cost allocation methodology.

(d) Revenues do not include amounts for Gross Receipts Tax, Right of Way utilization fees, Municipal Tax, or Sales Tax.

FLORIDA PUBLIC SERVICE COMMISSION

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

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

## 2002 REVENUE BY RATE SCHEDULE (\$000)

Rate Schedule	Increase / (Decrease)			
	(11)	(12)	(13)	(14)
	Base		Total	
	\$	%	\$	%
	(6)-(1)	(11) / (1)	(10)-(5)	(13) / (5)
RS-1	\$ (15,096)	-1.70%	\$ (29,819)	-1.79%
GS-1	(931)	-1.51%	(1,083)	-1.01%
GS-2	223	8.78%	260	4.89%
GSD-1	(1,435)	-0.40%	1,172	0.13%
CS-1, CS-2	(473)	-12.49%	(408)	-4.01%
IS-1, IS-2	2,983	7.60%	3,998	3.45%
SS-1	(32)	-7.54%	(31)	-4.86%
SS-2	(52)	-1.04%	(11)	-0.09%
SS-3	126	39.72%	126	34.18%
LS-1	425	8.05%	821	6.10%
TOTAL	\$ (14,264)	-1.05%	\$ (24,975)	-0.88%

# REVENUE BY RATE SCHEDULE - CALCULATIONS

SCHEDULE: E-16b

Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a schedule of revenues from service charges (initial connection, etc.) by rate schedule under present rates for the test year.	Type of Data Shown: ____ Historical Test Year Ended ____/____/____ _X_ Projected Test Year Ended 12/31/02 ____ Prior Year Ended ____/____/____
COMPANY: FLORIDA POWER CORPORATION	Service Charges (Account 451) & Equipment Rental (Account 454)	Witness: Slusser
DOCKET NO.: 000824-EI		

## 2002 REVENUE CALCULATIONS FOR RATE SCHEDULE - SERVICE CHARGES

Description of Service Charge	(A) Number of Transactions	(B) PRESENT REVENUE \$/UNIT	(C) \$	(D) PROPOSED REVENUE \$/UNIT	(E) \$	(F) (E) - (C) REVENUE INCR/(DECR) \$	(G) (F) / (C) %
Rate Schedule SC-1							
Initial Connection	\$ 49,635	30.50	\$ 1,513,868	64.00	\$ 3,176,640	\$ 1,662,772	110%
Reconnection	148,557	15.00	2,228,355	28.00	4,159,596	1,931,241	87%
Transfer of Account - No LSA Contract *	237,307	5.50	1,305,189	28.00	6,644,596	5,339,407	409%
Transfer of Account - LSA Contract Required *	59,327	5.50	326,299	10.00	593,270	266,971	82%
Reconnect After Disconnect For Non-Pay	99,442	27.00	2,684,934	40.00	3,977,680	1,292,746	48%
Reconnect After Disconnect For Non-Pay After Hours	8,320	27.00	224,640	50.00	416,000	191,360	85%
Returned Check Charge	N/A		598,307		598,307	-	0%
Late Payment Charge	N/A		7,561,893		7,561,893	-	0%
Rate Schedule TS-1							
Temporary Service Extension	17,253	74.00	1,276,722	110.00	1,897,830	621,108	49%
Equipment Rental		1.67%	6,720,346	1.67%	6,720,346	-	0%
Total Service Charges and Equipment Rental	<u>\$ 619,841</u>		<u>\$ 24,440,553</u>		<u>\$ 35,746,158</u>	<u>\$ 11,305,605</u>	

\*LSA - Leave Service Active

FLORIDA PUBLIC SERVICE COMMISSION

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).

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

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

Single Phase 435 Bills @ \$ 16.35 = \$ 7,112

Three Phase 47 Bills @ \$ 22.35 = \$ 1,050

Customer CIAC Paid 171 Bills @ \$ 8.85 = \$ 1,513

TOTAL 15,526,065 Bills \$ 136,547,439

## Energy &amp; 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 @ \$ 8.85 = \$ 136,095,645

Secondary Seasonal 147,373 Bills @ \$ 3.00 = \$ 442,119

## Time-of-Use

Single Phase 435 Bills @ \$ 16.35 = \$ 7,112

Three Phase 47 Bills @ \$ 22.35 = \$ 1,050

Customer CIAC Paid 171 Bills @ \$ 8.85 = \$ 1,513

TOTAL 15,526,065 Bills \$ 136,547,439

## Energy &amp; Demand Charge:

## Standard

Secondary 12,429,707 MWH @ \$ 36.06 = \$ 448,215,240

0-1,000 KWH 6,205,339 MWH @ \$ 46.06 = \$ 285,817,933

## Time-of-Use

On-Peak 264 MWH @ \$ 109.65 = \$ 28,913

Off-Peak 892 MWH @ \$ 7.08 = \$ 6,314

18,636,202 MWH \$ 734,068,400

## Adjustments

n/a \$ -

## Total RS-1 Base Revenue

\$ 870,615,839

Increase/ (Decrease) - \$ (15,095,952)

Increase/ (Decrease) - % (1.70)%

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_/\_\_/\_\_

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\_\_\_ Prior Year Ended \_\_/\_\_/\_\_

DOCKET NO.: 000824-EI

Witness: Slusser

## 2002 REVENUE CALCULATION FOR RATE SCHEDULE GS-1

PRESENT REVENUE CALCULATIONS					PROPOSED REVENUE CALCULATIONS				
<b>Customer Charge:</b>					<b>Customer Charge:</b>				
Standard					Standard				
Unmetered	6,890	Bills @ \$	6.60	= \$ 45,474	Unmetered	6,890	Bills @ \$	6.60	= \$ 45,474
Secondary	1,254,396	Bills @ \$	11.70	= \$ 14,676,433	Secondary	1,254,396	Bills @ \$	11.70	= \$ 14,676,433
Primary	405	Bills @ \$	148.00	= \$ 59,940	Primary	405	Bills @ \$	148.00	= \$ 59,940
Transmission	-	Bills @ \$	730.00	= \$ -	Transmission	-	Bills @ \$	730.00	= \$ -
Time-of-Use					Time-of-Use				
Single Phase	313	Bills @ \$	19.20	= \$ 6,010	Single Phase	313	Bills @ \$	19.20	= \$ 6,010
Three Phase	1,198	Bills @ \$	25.20	= \$ 30,190	Three Phase	1,198	Bills @ \$	25.20	= \$ 30,190
Customer CIAC Paid	99	Bills @ \$	11.70	= \$ 1,158	Customer CIAC Paid	99	Bills @ \$	11.70	= \$ 1,158
Primary	28	Bills @ \$	155.50	= \$ 4,354	Primary	28	Bills @ \$	155.50	= \$ 4,354
Transmission	14	Bills @ \$	737.50	= \$ 10,325	Transmission	14	Bills @ \$	737.50	= \$ 10,325
<b>TOTAL</b>	<b>1,263,343</b>	<b>Bills</b>		<b>\$ 14,833,884</b>	<b>TOTAL</b>	<b>1,263,343</b>	<b>Bills</b>		<b>\$ 14,833,884</b>
<b>Energy &amp; Demand Charge:</b>					<b>Energy &amp; Demand Charge:</b>				
Standard					Standard				
Secondary	1,149,081	MWH @ \$	40.20	= \$ 46,193,056	Secondary	1,149,081	MWH @ \$	39.39	= \$ 45,262,301
Primary	5,261	MWH @ \$	40.20	= \$ 211,492	Primary	5,261	MWH @ \$	39.39	= \$ 207,231
Transmission	-	MWH @ \$	40.20	= \$ -	Transmission	-	MWH @ \$	39.39	= \$ -
Time-of-Use					Time-of-Use				
Secondary					Secondary				
On-Peak	2,542	MWH @ \$	114.94	= \$ 292,177	On-Peak	2,542	MWH @ \$	109.65	= \$ 278,730
Off-Peak	11,876	MWH @ \$	5.80	= \$ 68,881	Off-Peak	11,876	MWH @ \$	7.08	= \$ 84,082
Primary					Primary				
On-Peak	420	MWH @ \$	114.94	= \$ 48,275	On-Peak	420	MWH @ \$	109.65	= \$ 46,053
Off-Peak	1,004	MWH @ \$	5.80	= \$ 5,823	Off-Peak	1,004	MWH @ \$	7.08	= \$ 7,108
Transmission					Transmission				
On-Peak	78	MWH @ \$	114.94	= \$ 8,965	On-Peak	78	MWH @ \$	109.65	= \$ 8,553
Off-Peak	3,105	MWH @ \$	5.80	= \$ 18,009	Off-Peak	3,105	MWH @ \$	7.08	= \$ 21,983
<b>TOTAL</b>	<b>1,173,367</b>	<b>MWH</b>		<b>\$ 46,846,678</b>	<b>TOTAL</b>	<b>1,173,367</b>	<b>MWH</b>		<b>\$ 45,916,041</b>
<b>Adjustments</b>					<b>Adjustments</b>				
Distribution Primary Metering	1% OF	\$ 265,590	=	\$ (2,656)	Distribution Primary Metering	1% OF	\$ 260,392	=	\$ (2,604)
Transmission Metering	2% OF	\$ 26,974	=	\$ (539)	Transmission Metering	2% OF	\$ 30,536	=	\$ (611)
<b>TOTAL</b>				<b>\$ (3,195)</b>	<b>TOTAL</b>				<b>\$ (3,215)</b>
<b>Total GS-1 Base Revenue</b>				<b>\$ 61,677,367</b>	<b>Total GS-1 Base Revenue</b>				<b>\$ 60,746,710</b>
					Increase/ (Decrease) - \$				<b>\$ (930,657)</b>
					Increase/ (Decrease) - %				<b>-1.51%</b>



FLORIDA PUBLIC SERVICE COMMISSION

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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\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_\_\_X\_\_\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

Witness: Slusser

DOCKET NO.: 000824-EI

## 2002 REVENUE CALCULATION FOR RATE SCHEDULE GS-2

PRESENT REVENUE CALCULATIONS						PROPOSED REVENUE CALCULATIONS					
<b>Customer Charge:</b>						<b>Customer Charge:</b>					
Standard						Standard					
Unmetered	15,249	Bills @ \$	6.60	=	\$ 100,643	Unmetered	15,249	Bills @ \$	6.60	=	\$ 100,643
Secondary	109,318	Bills @ \$	11.70	=	\$ 1,279,021	Secondary	109,318	Bills @ \$	11.70	=	\$ 1,279,021
TOTAL	124,567	Bills			<u>\$ 1,379,664</u>	TOTAL	124,567	Bills			<u>\$ 1,379,664</u>
<b>Energy &amp; Demand Charge:</b>						<b>Energy &amp; Demand Charge:</b>					
Standard						Standard					
Secondary	76,820	MWH @ \$	15.08	=	\$ 1,158,446	Secondary	76,820	MWH @ \$	17.98	=	\$ 1,381,224
<b>Adjustments</b>						<b>Adjustments</b>					
n/a					\$ -	n/a					\$ -
<b>Total GS-2 Base Revenue</b>					<u>\$ 2,538,110</u>	<b>Total GS-2 Base Revenue</b>					<u>\$ 2,760,888</u>
						Increase/ (Decrease) - \$					\$ 222,778
						Increase/ (Decrease) - %					8.78%

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_\_/\_\_\_\_/\_\_\_\_

☒ Projected Test Year Ended 12/31/02

\_\_\_\_ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

DOCKET NO.: 000824-EI

Witness: Slusser

## 2002 REVENUE CALCULATION FOR RATE SCHEDULE GSD-1

PRESENT REVENUE CALCULATIONS					PROPOSED REVENUE CALCULATIONS				
<b>Customer Charge:</b>					<b>Customer Charge:</b>				
Standard					Standard				
Secondary	478,178	Bills @ \$	11.70	= \$ 5,594,683	Secondary	478,178	Bills @ \$	11.70	= \$ 5,594,683
Primary	2,063	Bills @ \$	148.00	= \$ 305,324	Primary	2,063	Bills @ \$	148.00	= \$ 305,324
Transmission	-	Bills @ \$	730.00	= \$ -	Transmission	-	Bills @ \$	730.00	= \$ -
Time-of-Use					Time-of-Use				
Secondary	91,011	Bills @ \$	19.20	= \$ 1,747,411	Secondary	91,011	Bills @ \$	19.20	= \$ 1,747,411
Customer CIAC Paid	200	Bills @ \$	11.70	= \$ 2,340	Customer CIAC Paid	200	Bills @ \$	11.70	= \$ 2,340
Primary	2,600	Bills @ \$	155.50	= \$ 404,300	Primary	2,600	Bills @ \$	155.50	= \$ 404,300
Customer CIAC Paid	50	Bills @ \$	148.00	= \$ 7,400	Customer CIAC Paid	50	Bills @ \$	148.00	= \$ 7,400
Transmission	14	Bills @ \$	737.50	= \$ 10,325	Transmission	14	Bills @ \$	737.50	= \$ 10,325
TOTAL	574,116	Bills		\$ 8,071,783	TOTAL		Bills		\$ 8,071,783
<b>Demand Charge:</b>					<b>Demand Charge:</b>				
Standard					Standard				
Secondary					Secondary				
Billed	17,353,494	KW @ \$	3.80	= \$ 65,943,277	Billed	17,353,494	KW @ \$	3.80	= \$ 65,943,277
Primary					Primary				
Billed	762,404	KW @ \$	3.50	= \$ 2,668,414	Billed	762,404	KW @ \$	3.42	= \$ 2,607,422
Transmission					Transmission				
Billed	-	KW @ \$	3.11	= \$ -	Billed	-	KW @ \$	2.91	= \$ -
Time-of-Use					Time-of-Use				
Secondary					Secondary				
On-Peak	12,966,859	KW @ \$	2.83	= \$ 36,696,211	On-Peak	12,966,859	KW @ \$	2.86	= \$ 37,085,217
Base	13,268,766	KW @ \$	0.94	= \$ 12,472,640	Base	13,268,766	KW @ \$	0.94	= \$ 12,472,640
Primary					Primary				
On-Peak	4,560,076	KW @ \$	2.83	= \$ 12,905,015	On-Peak	4,560,076	KW @ \$	2.86	= \$ 13,041,817
Base	4,689,602	KW @ \$	0.64	= \$ 3,001,345	Base	4,689,602	KW @ \$	0.56	= \$ 2,626,177
Transmission					Transmission				
On-Peak	11,416	KW @ \$	2.83	= \$ 32,307	On-Peak	11,416	KW @ \$	2.86	= \$ 32,650
Base	11,661	KW @ \$	0.25	= \$ 2,915	Base	11,661	KW @ \$	0.05	= \$ 583
Sec/Pri					Dual Voltage Sec/Pri				
On-Peak	55,570	KW @ \$	2.83	= \$ 157,263	On-Peak	55,570	KW @ \$	2.86	= \$ 158,930
Base	59,807	KW @ \$	0.94	= \$ 56,219	Base	59,807	KW @ \$	0.94	= \$ 56,219
Premium Distrib. Charge	23,397	KW @ \$	0.81	= \$ 18,952	Premium Distrib. Charge	23,397	KW @ \$	0.81	= \$ 18,952
TOTAL Billed/Base	36,145,734	KW	TOTAL	\$ 133,954,558	TOTAL Billed/Base	36,145,734	KW		\$ 134,043,884

FLORIDA PUBLIC SERVICE COMMISSION

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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Historical Test Year Ended   /  /  

COMPANY: FLORIDA POWER CORPORATION

☒ Projected Test Year Ended 12/31/02Prior Year Ended   /  /  

DOCKET NO.: 000824-EI

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 @ \$	16.25	= \$ 83,687,900
Primary	235,562	MWH @ \$	16.56	= \$ 3,900,911	Primary	235,562	MWH @ \$	16.25	= \$ 3,827,887
Transmission	-	MWH @ \$	16.56	= \$ -	Transmission	-	MWH @ \$	16.25	= \$ -
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 @ \$	33.28	= \$ 60,031,834
Off-Peak	4,628,914	MWH @ \$	5.80	= \$ 26,847,699	Off-Peak	4,628,914	MWH @ \$	7.08	= \$ 32,772,709
Primary					Primary				
On-Peak	677,314	MWH @ \$	36.54	= \$ 24,749,044	On-Peak	677,314	MWH @ \$	33.28	= \$ 22,541,001
Off-Peak	1,796,370	MWH @ \$	5.80	= \$ 10,418,944	Off-Peak	1,796,370	MWH @ \$	7.08	= \$ 12,718,297
Transmission					Transmission				
On-Peak	1,746	MWH @ \$	36.54	= \$ 63,796	On-Peak	1,746	MWH @ \$	33.28	= \$ 58,105
Off-Peak	5,119	MWH @ \$	5.80	= \$ 29,689	Off-Peak	5,119	MWH @ \$	7.08	= \$ 36,241
Sec/Pri					Dual Voltage Sec/Pri				
On-Peak	7,820	MWH @ \$	36.54	= \$ 285,744	On-Peak	7,820	MWH @ \$	33.28	= \$ 260,250
Base	24,511	MWH @ \$	5.80	= \$ 142,165	Base	24,511	MWH @ \$	7.08	= \$ 173,539
TOTAL	14,331,221	MWH		\$ 217,634,755	TOTAL	14,331,221	MWH		\$ 216,107,763
Adjustments					Adjustments				
Distribution Primary Metering	1% OF	\$ 58,285,064	=	\$ (582,851)	Distribution Primary Metering	1% OF	\$ 58,011,539	=	\$ (580,115)
Transmission Metering	2% OF	\$ 128,707	=	\$ (2,574)	Transmission Metering	2% OF	\$ 127,579	=	\$ (2,552)
Power Factor				\$ (35,981)	Power Factor				\$ (35,981)
TOTAL				\$ (621,406)	TOTAL				\$ (618,648)
Total GSD-1 Base Revenue				\$ 359,039,690	Total GSD-1 Base Revenue				\$ 357,604,782
					Increase/ (Decrease) - \$				\$ (1,434,908)
					Increase/ (Decrease) - %				(0.40)%

FLORIDA PUBLIC SERVICE COMMISSION

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☒ Projected Test Year Ended 12/31/02

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Witness: Slusse

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

## 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
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## 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
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## PROPOSED 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
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## Demand Charge:

## Standard

Secondary					
Billed	1,467	KW @ \$	3.80	= \$	5,575
Primary					
Billed	-	KW @ \$	3.42	= \$	-
Transmission					
Billed	-	KW @ \$	2.91	= \$	-

## Time-of-Use

Secondary					
On-Peak	-	KW @ \$	2.86	= \$	-
Base	-	KW @ \$	0.94	= \$	-
Primary					
On-Peak	361,847	KW @ \$	2.86	= \$	1,034,882
Base	369,414	KW @ \$	0.56	= \$	206,872
Transmission					
On-Peak	-	KW @ \$	2.86	= \$	-
Base	-	KW @ \$	0.05	= \$	-

TOTAL Billed/Base	370,881	KW	TOTAL	\$	1,247,329
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67.15%

FLORIDA PUBLIC SERVICE COMMISSION

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\_\_\_X\_\_\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_/\_\_/\_\_

Witness: Slusser

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

## 2002 REVENUE CALCULATION FOR RATE SCHEDULE CS1, CS-2

## PRESENT REVENUE CALCULATIONS

## PROPOSED 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
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## 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

## Energy Charge:

## Standard

Secondary	649	MWH @ \$	13.20	=	\$	8,560
Primary	-	MWH @ \$	13.20	=	\$	-
Transmission	-	MWH @ \$	13.20	=	\$	-

## Time-of-Use

## Secondary

On-Peak	-	MWH @ \$	24.57	=	\$	-
Off-Peak	-	MWH @ \$	7.08	=	\$	-

## Primary

On-Peak	45,248	MWH @ \$	24.57	=	\$	1,111,733
Off-Peak	135,915	MWH @ \$	7.08	=	\$	962,278

## Transmission

On-Peak	-	MWH @ \$	24.57	=	\$	-
Off-Peak	-	MWH @ \$	7.08	=	\$	-

TOTAL	181,811	MWH			\$	2,082,571
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## Adjustments

Distribution Primary Metering	1%	OF	\$ 3,315,765	=	\$	(33,158)
Transmission Metering	2%	OF	\$ -	=	\$	-
Power Factor					\$	3,978
TOTAL					\$	(29,180)

Total CS-1, CS-2 Base Revenue

\$ 3,316,840

Increase/ (Decrease) - \$ (473,414)

Increase/ (Decrease) - \$ (12.49)%

FLORIDA PUBLIC SERVICE COMMISSION	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
COMPANY: FLORIDA POWER CORPORATION		
DOCKET NO.: 000824-EI		

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

PRESENT REVENUE CALCULATIONS					PROPOSED REVENUE CALCULATIONS				
<b>Customer Charge:</b>					<b>Customer Charge:</b>				
Standard					Standard				
Secondary	320	Bills @ \$	281.70	= \$ 90,144	Secondary	320	Bills @ \$	281.70	= \$ 90,144
Primary	516	Bills @ \$	418.00	= \$ 215,688	Primary	516	Bills @ \$	418.00	= \$ 215,688
Transmission	12	Bills @ \$	1,000.00	= \$ 12,000	Transmission	12	Bills @ \$	1,000.00	= \$ 12,000
Time-of-Use					Time-of-Use				
Secondary	174	Bills @ \$	281.70	= \$ 49,016	Secondary	174	Bills @ \$	281.70	= \$ 49,016
Primary	610	Bills @ \$	418.00	= \$ 254,980	Primary	610	Bills @ \$	418.00	= \$ 254,980
Transmission	91	Bills @ \$	1,000.00	= \$ 91,000	Transmission	91	Bills @ \$	1,000.00	= \$ 91,000
TOTAL	1,723	Bills		\$ 712,828	TOTAL	1,723	Bills		\$ 712,828
<b>Demand Charge:</b>					<b>Demand Charge:</b>				
Standard					Standard				
Secondary - Billed	117,486	kW @ \$	5.18	= \$ 608,577	Secondary - Billed	117,486	kW @ \$	3.80	= \$ 446,447
Primary - Billed	718,274	kW @ \$	4.88	= \$ 3,505,177	Primary - Billed	718,274	kW @ \$	3.42	= \$ 2,456,497
Transmission - Billed	-	kW @ \$	4.49	= \$ -	Transmission - Billed	-	kW @ \$	2.91	= \$ -
Billed Sec/Pri	6,043	kW @ \$	5.18	= \$ 31,303	Billed Sec/Pri	6,043	kW @ \$	3.80	= \$ 22,963
Billed Pri/Transm	3,075	kW @ \$	4.88	= \$ 15,006	Billed Pri/Transm	3,075	kW @ \$	3.42	= \$ 10,517
Time-of-Use					Time-of-Use				
Secondary					Secondary				
On-Peak	108,325	kW @ \$	4.53	= \$ 490,712	On-Peak	108,325	kW @ \$	2.86	= \$ 309,810
Base	111,858	kW @ \$	0.82	= \$ 91,724	Base	111,858	kW @ \$	0.94	= \$ 105,147
Primary					Primary				
On-Peak	2,690,782	kW @ \$	4.53	= \$ 12,189,242	On-Peak	2,690,782	kW @ \$	2.86	= \$ 7,695,637
Base	3,043,384	kW @ \$	0.52	= \$ 1,582,560	Base	3,043,384	kW @ \$	0.56	= \$ 1,704,295
Transmission					Transmission				
On-Peak	901,844	kW @ \$	4.53	= \$ 4,085,353	On-Peak	901,844	kW @ \$	2.86	= \$ 2,579,274
Base	1,149,049	kW @ \$	0.13	= \$ 149,376	Base	1,149,049	kW @ \$	0.05	= \$ 57,452
Sec/Pri					Sec/Pri				
On-Peak	4,822	kW @ \$	4.53	= \$ 21,844	On-Peak	4,822	kW @ \$	2.86	= \$ 13,791
Base	4,875	kW @ \$	0.82	= \$ 3,998	Base	4,875	kW @ \$	0.94	= \$ 4,583
Pri/Transm					Pri/Transm				
On-Peak	4,502	kW @ \$	4.53	= \$ 20,394	On-Peak	4,502	kW @ \$	2.86	= \$ 12,876
Base	4,660	kW @ \$	0.52	= \$ 2,423	Base	4,660	kW @ \$	0.56	= \$ 2,610
Transm/Pri					Transm/Pri				
On-Peak	206,448	kW @ \$	4.53	= \$ 935,209	On-Peak	206,448	kW @ \$	2.86	= \$ 590,441
Base	231,165	kW @ \$	0.13	= \$ 30,051	Base	231,165	kW @ \$	0.05	= \$ 11,558
TOTAL Billed/Base	5,389,869	kW	TOTAL	\$ 23,762,949	TOTAL Billed/Base	5,154,093	kW	TOTAL	\$ 16,023,898

FLORIDA PUBLIC SERVICE COMMISSION	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, MWHs, and billing KW for each rate schedule (including standard and time of use customers)	Type of Data Shown: <input type="checkbox"/> Historical Test Year Ended <u>  </u> / <u>  </u> / <u>  </u> <input checked="" type="checkbox"/> Projected Test Year Ended 12/31/02 <u>  </u> Prior Year Ended <u>  </u> / <u>  </u> / <u>  </u> Witness: Slusser
COMPANY, FLORIDA POWER CORPORATION		
DOCKET NO.: 000824-EI		

## 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 @ \$	12.96 = \$	494,735
Primary	210,912	MWH @ \$	7.16 = \$	1,510,127	Primary	210,912	MWH @ \$	12.96 = \$	2,733,414
Transmission	-	MWH @ \$	7.16 = \$	-	Transmission	-	MWH @ \$	12.96 = \$	-
Sec/Pri	1,723	MWH @ \$	7.16 = \$	12,339	Sec/Pri	1,723	MWH @ \$	12.96 = \$	22,334
Pri/Transm	828	MWH @ \$	7.16 = \$	5,932	Pri/Transm	828	MWH @ \$	12.96 = \$	10,736
Time-of-Use					Time-of-Use				
Secondary					Secondary				
On-Peak	15,371	MWH @ \$	10.16 = \$	156,170	On-Peak	15,371	MWH @ \$	25.93 = \$	398,572
Off-Peak	39,176	MWH @ \$	5.80 = \$	227,224	Off-Peak	39,176	MWH @ \$	7.08 = \$	277,370
Primary					Primary				
On-Peak	335,022	MWH @ \$	10.16 = \$	3,403,822	On-Peak	335,022	MWH @ \$	25.93 = \$	8,687,117
Off-Peak	1,073,358	MWH @ \$	5.80 = \$	6,225,474	Off-Peak	1,073,358	MWH @ \$	7.08 = \$	7,599,371
Transmission					Transmission				
On-Peak	104,845	MWH @ \$	10.16 = \$	1,065,228	On-Peak	104,845	MWH @ \$	25.93 = \$	2,718,639
Off-Peak	342,807	MWH @ \$	5.80 = \$	1,988,283	Off-Peak	342,807	MWH @ \$	7.08 = \$	2,427,077
Sec/Pri					Sec/Pri				
On-Peak	768	MWH @ \$	10.16 = \$	7,802	On-Peak	768	MWH @ \$	25.93 = \$	19,912
Off-Peak	2,209	MWH @ \$	5.80 = \$	12,813	Off-Peak	2,209	MWH @ \$	7.08 = \$	15,640
Pri/Transm					Pri/Transm				
On-Peak	235	MWH @ \$	10.16 = \$	2,389	On-Peak	235	MWH @ \$	25.93 = \$	6,097
Off-Peak	627	MWH @ \$	5.80 = \$	3,634	Off-Peak	627	MWH @ \$	7.08 = \$	4,436
Transm/Pri					Pri/Transm				
On-Peak	11,820	MWH @ \$	10.16 = \$	120,091	On-Peak	11,820	MWH @ \$	25.93 = \$	306,493
Off-Peak	37,163	MWH @ \$	5.80 = \$	215,548	Off-Peak	37,163	MWH @ \$	7.08 = \$	263,117
TOTAL	2,215,039	MWH		15,230,202	TOTAL	2,215,039	MWH		25,985,060
Adjustments					Adjustments				
Distribution Primary Metering	1% OF	\$ 29,807,400	= \$	(298,074)	Distribution Primary Metering	1% OF	\$ 32,147,163	= \$	(321,472)
Transmission Metering	2% OF	\$ 7,338,018	= \$	(146,760)	Transmission Metering	2% OF	\$ 7,829,714	= \$	(156,594)
Power Factor			\$	(22,467)	Power Factor			\$	(22,467)
TOTAL			\$	(467,301)	TOTAL			\$	(500,533)
Total IS-1, IS-2 Base Revenue					Total IS-1, IS-2 Base Revenue				

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 \_\_\_/\_\_\_/\_\_\_

☒ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness: Slusser

## 2002 REVENUE CALCULATION FOR RATE SCHEDULE LS-1

## PRESENT REVENUE CALCULATIONS

## Customer Charge:

Standard

Unmetered	701,767	Bills @ \$	1.20	=	\$	842,120
Secondary	3,902	Bills @ \$	3.45	=	\$	13,462
<b>TOTAL</b>	<b>705,669</b>	<b>Bills</b>			<b>\$</b>	<b>855,582</b>

## Energy &amp; Demand Charge:

Standard

Secondary	277,451	MWH @ \$	15.93	=	\$	4,419,794
					<b>\$</b>	<b>4,419,794</b>

## Adjustments

n/a					<b>\$</b>	<b>-</b>
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## Total LS-1 Base Revenue

	<b>\$</b>	<b>5,275,376</b>
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## PROPOSED REVENUE CALCULATIONS

## Customer Charge:

Standard

Unmetered	701,767	Bills @ \$	1.20	=	\$	842,120
Secondary	3,902	Bills @ \$	3.45	=	\$	13,462
<b>TOTAL</b>	<b>705,669</b>	<b>Bills</b>			<b>\$</b>	<b>855,582</b>

## Energy &amp; Demand Charge:

Standard

Secondary	277,451	MWH @ \$	17.46	=	\$	4,844,294
					<b>\$</b>	<b>4,844,294</b>

## Adjustments

n/a					<b>\$</b>	<b>-</b>
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## Total LS-1 Base Revenue

	<b>\$</b>	<b>5,699,876</b>
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Increase/ (Decrease) - \$	<b>\$</b>	<b>424,500</b>
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Increase/ (Decrease) - %		<b>8.05%</b>
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FLORIDA PUBLIC SERVICE COMMISSION

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).

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

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-1

## PRESENT REVENUE CALCULATIONS

## Customer Charge:

Primary (Customer Owned)	8	Bills @ \$	82.00	= \$	656
Transmission	30	Bills @ \$	820.00	= \$	24,600
Transmission (Customer Owned)	82	Bills @ \$	82.00	= \$	6,724
Total	120	Bills		\$	31,980

## Demand Charge:

## Distribution Charge

Primary	10,502	KW @ \$	1.20	= \$	12,602
Transmission (bulk)	349,078	KW @ \$	-	= \$	-

Generation & Transm  
(Greater of SB Cap/DD)

Primary					
Specified SB Cap	2,626	KW @ \$	0.835	= \$	2,193
Daily Demand	23,231	KW @ \$	0.398	= \$	9,246
Transmission (bulk)					
Specified SB Cap	314,535	KW @ \$	0.835	= \$	262,637
Daily Demand	192,651	KW @ \$	0.398	= \$	76,675
Total Specified Demand	359,580	Total		\$	363,353

## Energy Charge:

## Standard

Primary	505	MWH @ \$	6.97	= \$	3,517
Transmission	5,685	MWH @ \$	6.97	= \$	39,627
Total	6,190	MWH		\$	43,144

## Adjustments

Distribution Primary Metering	1%	OF	\$	27,558	= \$	(276)
Transmission Metering	2%	OF	\$	378,939	= \$	(7,579)
Total					\$	(7,855)

## Total SS-1 Base Revenue

\$ 430,622

## PROPOSED REVENUE CALCULATIONS

## Customer Charge:

Primary (Customer Owned)	8	Bills @ \$	82.00	= \$	656
Transmission	30	Bills @ \$	820.00	= \$	24,600
Transmission (Customer Owned)	82	Bills @ \$	82.00	= \$	6,724
Total	120	Bills		\$	31,980

## Demand Charge:

## Distribution Charge

Primary	10,502	KW @ \$	2.14	= \$	22,474
Transmission (bulk)	349,078	KW @		= \$	-

Generation & Transm  
(Greater of SB Cap/DD)

Primary					
Specified SB Cap	2,626	KW @ \$	0.731	= \$	1,920
Daily Demand	23,231	KW @ \$	0.348	= \$	8,084
Transmission (bulk)					
Specified SB Cap	314,535	KW @ \$	0.731	= \$	229,925
Daily Demand	192,651	KW @ \$	0.348	= \$	67,043
Total Specified Demand	359,580	Total		\$	329,446

## Energy Charge:

## Standard

Primary	505	MWH @ \$	7.08	= \$	3,572
Transmission	5,685	MWH @ \$	7.08	= \$	40,253
Total	6,190	MWH		\$	43,825

## Adjustments

Distribution Primary Metering	1%	OF	\$	36,050	= \$	(361)
Transmission Metering	2%	OF	\$	337,221	= \$	(6,744)
Total					\$	(7,105)

## Total SS-1 Base Revenue

\$ 398,146

Increase/ (Decrease) - \$ \$ (32,476)

Increase/ (Decrease) - % (7.54)%

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

Witness: Slusser

DOCKET NO.: 000824-EI

## 2002 REVENUE CALCULATION FOR RATE SCHEDULE SS-2

PRESENT REVENUE CALCULATIONS					PROPOSED REVENUE CALCULATIONS				
<b>Customer Charge:</b>					<b>Customer Charge:</b>				
Primary	20	Bills @ \$	443.00	= \$ 8,860	Primary	20	Bills @ \$	443.00	= \$ 8,860
Transmission	13	Bills @ \$	1,025.00	= \$ 13,325	Transmission	13	Bills @ \$	1,025.00	= \$ 13,325
Transmission (Customer Owned)	15	Bills @ \$	287.00	= \$ 4,305	Transmission (Customer Owned)	15	Bills @ \$	287.00	= \$ 4,305
Total	48	Bills		26,490	Total	48	Bills		26,490
<b>Demand Charge:</b>					<b>Demand Charge:</b>				
Local Transm & Distri					Local Transm & Distri				
Primary	339,472	kW @ \$	1.20	= \$ 407,366	Primary	339,472	kW @ \$	2.14	= \$ 726,470
Transmission (bulk)	644,178	kW @ \$	-	= \$ -	Transmission (bulk)	644,178	kW @	= \$ -	
Generation & Transm (Greater of SB Cap/DD)					Generation & Transm (Greater of SB Cap/DD)				
Primary					Primary				
Specified SB Cap	85,777	kW @ \$	0.835	= \$ 71,624	Specified SB Cap	85,777	kW @ \$	0.731	= \$ 62,703
Daily Demand	2,528,859	kW @ \$	0.398	= \$ 1,006,486	Daily Demand	2,528,859	kW @ \$	0.348	= \$ 880,043
Transmission (bulk)					Transmission (bulk)				
Specified SB Cap	291,001	kW @ \$	0.835	= \$ 242,986	Specified SB Cap	291,001	kW @ \$	0.731	= \$ 212,722
Daily Demand	4,648,812	kW @ \$	0.398	= \$ 1,850,227	Daily Demand	4,648,812	kW @ \$	0.348	= \$ 1,617,787
Total Specified Demand	983,650	Total		\$ 3,578,689	Total Specified Demand		Total		\$ 3,499,725
<b>Energy Charge:</b>					<b>Energy Charge:</b>				
Standard					Standard				
Primary	72,805	MWH @ \$	6.97	= \$ 507,449	Primary	72,805	MWH @ \$	7.08	= \$ 515,458
Transmission	143,765	MWH @ \$	6.97	= \$ 1,002,044	Transmission	143,765	MWH @ \$	7.08	= \$ 1,017,858
Total	216,570	MWH		\$ 1,509,493	Total	216,570	MWH		\$ 1,533,316
<b>Adjustments</b>					<b>Adjustments</b>				
Distribution Primary Metering	1%	OF	\$ 1,992,925	= \$ (19,929)	Distribution Primary Metering	1%	OF	\$ 2,184,674	= \$ (21,847)
Transmission Metering	2%	OF	\$ 3,095,257	= \$ (61,905)	Transmission Metering	2%	OF	\$ 2,848,367	= \$ (56,967)
Total				\$ (81,834)	Total				\$ (78,814)
<b>Total SS-2 Base Revenue</b>				<b>\$ 5,032,838</b>	<b>Total SS-2 Base Revenue</b>				<b>\$ 4,980,717</b>
					Increase/ (Decrease) - \$				
					Increase/ (Decrease) - %				

FLORIDA PUBLIC SERVICE COMMISSION

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).

COMPANY: FLORIDA POWER CORPORATION

Type of Data Shown:

\_\_\_\_ Historical Test Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

☒ Projected Test Year Ended 12/31/02

\_\_\_\_ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

DOCKET NO.: 000824-EI

Witness: Slusser

## 2002 REVENUE CALCULATION FOR RATE SCHEDULE SS-3

PRESENT REVENUE CALCULATIONS					PROPOSED REVENUE CALCULATIONS				
<b>Customer Charge:</b>					<b>Customer Charge:</b>				
Primary	12	Bills @ \$	82.00	= \$	984	Primary	12	Bills @ \$	82.00 = \$ 984
Transmission	-	Bills @		= \$	-	Transmission	-	Bills @	= \$ -
Total	12	Bills		\$	984	Total	12	Bills	\$ 984
<b>Demand Charge:</b>					<b>Demand Charge:</b>				
Local Transm & Distri					Local Transm & Distri				
Primary	152,058	kW @ \$	1.20	= \$	182,470	Primary	152,058	kW @ \$	(0.38) = \$ (57,782)
Transmission (bulk)	-	kW @ \$	-	= \$	-	Transmission (bulk)	-	kW @	= \$ -
Generation & Transm (Greater of SB Cap/DD)					Generation & Transm (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 \$ (57,782)
<b>Energy Charge:</b>					<b>Energy Charge:</b>				
Standard					Standard				
Primary	1,437	MWH @ \$	6.97	= \$	10,016	Primary	1,437	MWH @ \$	- = \$ -
Transmission	-	MWH @ \$	6.97	= \$	-	Transmission	-	MWH @ \$	7.08 = \$ -
Total	1,437	MWH		\$	10,016	Total	1,437	MWH	\$ -
<b>Adjustments:</b>					<b>Adjustments:</b>				
Distribution Primary Metering	1%	OF	\$ 319,454	= \$	(3,195)	Distribution Primary Metering	1%	OF	\$ (57,782) = \$ 578
Transmission Metering	2%	OF	\$ -	= \$	-	Transmission Metering	2%	OF	\$ - = \$ -
Total				\$	(3,195)				\$ 578
<b>Total SS-3 Base Revenue</b>				\$	317,243	<b>Total SS-3 Base Revenue</b>			\$ (56,220)
					Increase/ (Decrease) - \$				
					\$ (373,463)				
					Increase/ (Decrease) - %				
					(117.72)%				

## SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_\_/\_\_\_\_/\_\_\_\_

DOCKET NO 000824-EI

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			Proposed Rates				Percent Increase (12)	
						\$ Facility Charge (4)	\$ Mant Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Mant Charge (9)	\$ Total Monthly Charge (10)		\$ Total Revenue (11)
<u>Incandescent</u>														
1	110	Roadway	1,000 L	3,792	32	0 94	3 29	4 23	16,040	0 94	3 29	4 23	16,040	0 00%
2	115	Roadway	2,500 L	588	66	1 48	3 33	4 81	2,828	1 48	3 33	4 81	2,828	0 00%
3	170	Post Top	2,500 L	360	72	18 69	1 21	19 90	7,164	18 69	1 21	19 90	7,164	0 00%
<u>Mercury Vapor</u>														
4	205	Open Bottom	4,000 L	13,722	44	2 34	0 93	3 27	44,871	2 34	0 93	3 27	44,871	0 00%
5	210	Roadway	4,000 L	2,040	44	2 70	0 93	3 63	7,405	2 70	0 93	3 63	7,405	0 00%
6	215	Post Top	4,000 L	774	44	3 18	0 93	4 11	3,181	3 18	0 93	4 11	3,181	0 00%
7	220	Roadway	8,000 L	64,812	71	3 06	0 92	3 98	257,952	3 06	0 92	3 98	257,952	0 00%
8	225	Open Bottom	8,000 L	8,406	71	2 29	0 93	3 22	27,067	2 29	0 93	3 22	27,067	0 00%
9	235	Roadway	21,000 L	18,168	158	3 70	0 95	4 65	84,481	3 70	0 95	4 65	84,481	0 00%
10	240	Roadway	62,000 L	42	386	4 85	1 10	5 95	250	4 85	1 10	5 95	250	0 00%
11	245	Flood	21,000 L	2,040	158	4 85	0 95	5 80	11,832	4 85	0 95	5 80	11,832	0 00%
12	250	Flood	62,000 L	468	386	5 68	1 10	6 78	3,173	5 68	1 10	6 78	3,173	0 00%
<u>Sodium Vapor - Standard</u>														
13	305	Open Bottom	4,000 L	57,084	21	2 03	1 28	3 31	188,948	2 33	1 28	3 61	206,073	9 06%
14	310	Roadway	4,000 L	561,084	21	2 49	1 28	3 77	2,115,287	2 86	1 28	4 14	2,322,888	9 81%
15	313	Open Bottom	8,500 L	1,428	29	3 81	1 47	5 28	7,540	3 84	1 47	5 31	7,583	0 57%
16	314	Open Bottom-Hometown II	9,500 L	528	42	3 72	1 47	5 19	2,740	3 73	1 47	5 20	2,746	0 19%
17	315	Post Top - Colonial/Contemp	4,000 L	387,312	21	3 78	1 28	5 06	1,959,799	4 35	1 28	5 63	2,180,587	11 26%
18	316	Colonial Post Top	8,500 L	1,440	34	3 71	1 28	4 99	7,188	3 71	1 28	4 99	7,188	0 00%
19	318	Post Top	9,500 L	7,584	42	1 99	1 28	3 27	24,800	2 29	1 28	3 57	27,075	9 17%
20	320	Roadway	9,500 L	1,925,844	42	2 52	1 28	3 80	7,318,207	2 90	1 28	4 18	8,050,028	10 00%
21	321	Deco Post Top - Monticello	9,500 L	19,542	49	10 89	1 47	12 38	241,539	10 89	1 47	12 36	241,539	0 00%
22	322	Deco Post Top -Flagler	9,500 L	10,788	49	14 86	1 47	16 33	176,168	14 86	1 47	16 33	176,168	0 00%
23	323	Roadway-Turtle	9,500 L	300	42	3 96	1 47	5 43	1,629	3 96	1 47	5 43	1,629	0 00%
24	325	Roadway	16,000 L	384,848	65	2 62	1 30	3 92	1,508,596	3 01	1 30	4 31	1,658,686	9 95%
25	326	Deco Post Top - Sanibel	9,500 L	10,392	49	15 13	1 47	16 60	172,507	15 13	1 47	16 60	172,507	0 00%
26	327	Deco Post Top - Sanibel (MH)	12,000 L	8,100	74	15 34	3 07	18 41	149,121	15 34	3 07	18 41	149,121	0 00%
27	330	Roadway	22,000 L	128,172	87	2 90	1 32	4 22	540,886	3 34	1 32	4 66	597,282	10 43%
28	335	Roadway	27,500 L	172,134	104	2 88	1 32	4 20	722,963	3 31	1 32	4 63	796,980	10 24%
29	336	Roadway	27,500 L	2,052	104	6 18	1 32	7 50	15,390	6 18	1 32	7 50	15,390	0 00%
30	337	Roadway	50,000 L	984	104	4 90	1 32	6 22	6,120	5 38	1 32	6 70	6,593	7 72%
31	338	Deco Roadway - Matland	27,500 L	1,020	104	8 70	1 47	10 17	10,373	8 70	1 47	10 17	10,373	0 00%
32	339	Deco Roadway - Matland	50,000 L	720	169	9 36	1 47	10 83	7,798	9 36	1 47	10 83	7,798	0 00%
33	340	Roadway	50,000 L	102,210	169	3 49	1 33	4 82	492,652	4 01	1 33	5 34	545,801	10 79%

## SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

X Projected Test Year Ended 12/31/02

Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO 000824-EI

Witness Slusser

## CALCULATION OF REVENUE: LIGHTING SCHEDULE SL-1

## COMPANY OWNED AND MAINTAINED

Line No	Type of Facility (1)	Present Rates						Proposed Rates					Percent Increase (12)
		Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint. Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)		
34	341 Flood	18,000 L	132	65	3 72	1 32	5 04	665	3 72	1 32	5 04	665	0 00%
35	342 Interstate	50,000 L	3,744	168	6 58	1 27	7 85	29,390	7 57	1 27	8 84	33,097	12 81%
36	343 Interstate	27,500 L	5,304	108	6 45	1 22	7 67	40,682	7 42	1 22	8 64	45,827	12 65%
37	345 Flood	27,500 L	89,490	103	3 72	1 32	5 04	451,030	4 28	1 32	5 60	501,144	11 11%
38	346 Deco Post Top - Ocala II	9,500 L	2,880	49	8 74	1 47	10 21	29,405	8 74	1 47	10 21	29,405	0 00%
39	350 Flood	50,000 L	196,446	170	3 89	1 33	5 22	1,025,448	4 47	1 33	5 80	1,139,387	11 11%
40	360 Deco Roadway Rect	9,500 L	2,856	47	8 68	1 28	9 96	28,446	9 98	1 28	11 28	32,159	13 05%
41	365 Deco Roadway Rect	27,500 L	26,460	108	8 88	1 32	10 00	264,600	9 98	1 32	11 30	298,998	13 00%
42	368 Deco Roadway Rect	50,000 L	12,552	168	8 88	1 32	10 00	125,520	9 98	1 32	11 30	141,836	13 00%
43	370 Deco Roadway Round	27,500 L	4,236	108	10 68	1 32	12 00	50,832	12 28	1 32	13 60	57,610	13 33%
44	371 Deco Roadway Rect (MH)	38,000 L	966	159	11 98	3 08	15 06	14,548	12 78	3 08	15 86	15,321	5 31%
45	372 Deco Roadway Round (MH)	38,000 L	558	159	14 32	3 08	17 40	9,709	15 12	3 08	18 20	10,156	4 60%
46	375 Deco Roadway Round	50,000 L	17,280	168	10 69	1 33	12 02	207,706	12 29	1 33	13 62	235,354	13 31%
47	380 Deco Post Top - Acorn	9,500 L	223,224	49	6 09	1 28	7 37	1,845,161	7 00	1 28	8 28	1,848,295	12 35%
48	381 Deco Post Top	9,500 L	684	49	3 71	1 28	4 99	3,413	3 71	1 28	4 99	3,413	0 00%
49	383 Deco Post Top - Biscayne	9,500 L	30,150	49	11 99	1 28	13 27	400,091	12 76	1 28	14 04	423,306	5 80%
50	385 Deco Post Top - Salem	9,500 L	75,306	49	5 74	1 28	7 02	528,648	5 96	1 28	7 24	545,215	3 13%
51	386 Flood (MH)	110,000 L	15,900	378	11 86	4 75	16 61	264,099	11 86	4 75	16 61	264,099	0 00%
52	389 Flood (MH)-sport light	110,000 L	1,692	378	11 92	4 75	16 67	28,206	11 92	4 75	16 67	28,206	0 00%
53	390 Deco Cube (MH)	38,000 L	5,700	159	15 04	3 08	18 12	103,284	15 04	3 08	18 12	103,284	0 00%
54	393 Deco Post Top	4,000 L	948	21	6 09	1 28	7 37	6,987	7 00	1 28	8 28	7,949	12 35%
55	394 Deco Post Top	9,500 L	48	49	14 82	1 40	16 02	789	16 64	1 40	18 04	866	12 61%
56	396 Deco Post Top (Dual MH)	24,000 L	1,752	148	29 97	6 14	36 11	63,265	29 97	6 14	36 11	63,265	0 00%
57	397 Deco Post Top (MH)	12,000 L	1,020	74	12 85	3 07	15 92	16,238	12 85	3 07	15 92	16,238	0 00%
58	398 Deco Cube (MH)	110,000 L	5,970	378	18 28	4 75	23 03	137,489	18 28	4 75	23 03	137,489	0 00%
59	399 Flood (MH)	38,000 L	6,210	159	9 89	3 08	12 97	80,544	9 89	3 08	12 97	80,544	0 00%
Other Facilities													
60	405 Standard Concrete 30/35'	1,126,812	-	3 22	-	3 22	3,628,335	3 86	3 86	4,349,494	19 88%		
61	406 Deco Concrete - Sanibel	7,392	-	8 93	-	8 93	66,011	8 93	8 93	66,011	0 00%		
62	407 Deco Concrete - Dual Sanibel	1,122	-	9 63	-	9 63	10,805	9 63	9 63	10,805	0 00%		
63	408 Aluminum 28' DOT	1,350	-	38 10	-	38 10	51,435	38 10	38 10	51,435	0 00%		
64	409 Aluminum 36' DOT	768	-	48 25	-	48 25	37,056	48 25	48 25	37,056	0 00%		
65	410 Concrete 15'	14,028	-	2 12	-	2 12	29,739	2 12	2 12	29,739	0 00%		
66	411 Octagonal 18' Concrete	3,708	-	2 00	-	2 00	7,416	2 00	2 00	7,416	0 00%		
67	412 Deco 32' Concrete Vic II	582	-	12 22	-	12 22	7,112	12 44	12 44	7,240	1 80%		
68	413 Tenon Top Concrete 25'	612	-	8 93	-	8 93	5,465	9 09	9 09	5,563	1 79%		
69	415 Curved Concrete	7,920	-	4 37	-	4 37	34,610	4 37	4 37	34,610	0 00%		
70	420 Wood 30/35'	838,704	-	1 60	-	1 60	1,341,928	1 66	1 66	1,392,249	3 75%		
71	425 Wood 14' Laminated	16,588	-	1 60	-	1 60	29,741	1 82	1 82	33,830	13 75%		

## SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION	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
COMPANY FLORIDA POWER CORPORATION		
DOCKET NO : 000824-EI		

## CALCULATION OF REVENUE - LIGHTING SCHEDULE SL-1

COMPANY OWNED AND MAINTAINED													
Present Rates													
Proposed Rates													
			Annual	Est	\$	\$	\$ Total	\$	\$	\$ Total	\$	Percent	
	Type of Facility		Billing	Monthly	Facility	Maint	Monthly	Total	Facility	Maint	Monthly	Total	Increase
Line	(1)		Units	KWH	Charge	Charge	Charge	Revenue	Charge	Charge	Charge	Revenue	(12)
No.			(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
72	428	Deco Fiberglass 35' Bronze Reinf	2,436	-	17.51	-	17.51	42,654	17.51		17.51	42,654	0.00%
73	429	Deco Fiberglass 41' Bronze Reinf	9,390	-	20.07	-	20.07	188,457	24.08		24.08	226,111	19.98%
74	430	Fiberglass 14' Black	376,170	-	1.60	-	1.60	601,872	1.92		1.92	722,246	20.00%
75	431	Deco Fiberglass 41' Bronze	15,180	-	13.70	-	13.70	207,968	14.32		14.32	217,378	4.53%
76	432	Deco Fiberglass 35' Bronze Anchor Base	60	-	25.19	-	25.19	1,511	25.19		25.19	1,511	0.00%
77	433	Deco Fiberglass 35' Bronze	6,030	-	10.18	-	10.18	61,385	10.84		10.84	65,365	6.48%
78	434	Deco Fiberglass 20' Black Deco Base	3,882	-	11.22	-	11.22	43,556	11.22		11.22	43,556	0.00%
79	435	Aluminum Type A	576	-	6.04	-	6.04	3,479	6.04		6.04	3,479	0.00%
80	436	Deco Fiberglass 16' Black Fluted	45,144	-	17.87	-	17.87	806,723	17.87		17.87	806,723	0.00%
81	437	Fiberglass 16' Black Fluted, Dual Mount	11,168	-	20.11	-	20.11	224,548	20.11		20.11	224,548	0.00%
82	438	Deco Fiberglass 20' Black	113,094	-	5.36	-	5.36	606,184	5.36		5.36	606,184	0.00%
83	439	Black Fiberglass 16'	3,150	-	18.13	-	18.13	57,110	18.13		18.13	57,110	0.00%
84	440	Aluminum Type B	2,688	-	6.72	-	6.72	18,063	6.72		6.72	18,063	0.00%
85	445	Aluminum Type C	960	-	13.13	-	13.13	12,605	13.13		13.13	12,605	0.00%
86	446	Deco Fiberglass 30' Bronze	2,640	-	10.60	-	10.60	27,984	10.80		10.80	27,984	0.00%
87	447	Deco Fiberglass 35' Silver Anchor Base	3,234	-	19.61	-	19.61	63,419	19.61		19.61	63,419	0.00%
88	448	Deco Fiberglass 41' Silver	7,932	-	16.50	-	16.50	130,878	16.50		16.50	130,878	0.00%
89	449	Deco Fiberglass 16' Black Fluted Anchor Base	1,668	-	15.90	-	15.90	26,521	15.90		15.90	26,521	0.00%
90	450	Concrete - 1/2 Special	4,836	-	1.60	-	1.60	7,738	1.60		1.60	7,738	0.00%
91	455	Steel Type A	72	-	3.77	-	3.77	271	3.77		3.77	271	0.00%
92	460	Steel Type B	48	-	4.04	-	4.04	194	4.04		4.04	194	0.00%
93	465	Steel Type C	180	-	5.65	-	5.65	1,017	5.65		5.65	1,017	0.00%
94	466	16' Deco Conc-Vic Dual Mount	2,094	-	13.79	-	13.79	28,876	13.79		13.79	28,876	0.00%
95	467	16' Deco Conc-Washington Dual Mount	1,014	-	20.73	-	20.73	21,020	20.73		20.73	21,020	0.00%
96	468	16' Deco Concrete - Colonial Dual Mount	1,698	-	10.19	-	10.19	17,303	10.19		10.19	17,303	0.00%
97	469	35' Tenon Top Quad Flood Mount	366	-	12.23	-	12.23	4,476	12.23		12.23	4,476	0.00%
98	471	22' Black Deco Concrete	1,032	-	10.45	-	10.45	10,784	11.45		11.45	11,816	9.57%
99	476	25' Tenon Top Bronze Concrete	882	-	13.21	-	13.21	11,651	13.39		13.39	11,810	1.36%
100	477	30' Tenon Top Bronze Concrete	774	-	14.52	-	14.52	11,238	14.52		14.52	11,238	0.00%
101	478	35' Tenon Top Bronze Concrete	768	-	16.06	-	16.06	12,334	16.06		16.06	12,334	0.00%
102	479	41' Tenon Top Bronze Concrete	168	-	18.54	-	18.54	3,115	19.40		19.40	3,259	4.64%
103	480	Wood 40/45'	13,548	-	3.57	-	3.57	48,366	4.28		4.28	57,985	19.89%
104	481	Tenon Style Concrete 30' Single Flood Mount	174	-	7.76	-	7.76	1,350	7.76		7.76	1,350	0.00%
105	482	Tenon Style Concrete 30' Double Flood Mount	126	-	10.77	-	10.77	1,357	10.77		10.77	1,357	0.00%
106	483	Tenon Style Concrete 48' Triple Flood Mount	72	-	14.96	-	14.96	1,077	14.96		14.96	1,077	0.00%
107	484	Tenon Style Concrete 48' Double Flood Mount	318	-	14.70	-	14.70	4,675	14.70		14.70	4,675	0.00%
108	485	Standard Concrete 40/45'	2,724	-	8.82	-	8.82	24,026	8.82		8.82	24,026	0.00%
109	488	Tenon Style Concrete 48' Single Flood Mount	132	-	11.69	-	11.69	1,543	11.69		11.69	1,543	0.00%
110	487	Tenon Style Concrete 35' Triple Flood Mount	342	-	12.08	-	12.08	4,131	12.08		12.08	4,131	0.00%
111	488	Tenon Style Concrete 35' Double Flood Mount	1,014	-	11.81	-	11.81	11,975	11.81		11.81	11,975	0.00%
112	489	Tenon Style Concrete 35' Single Flood Mount	594	-	8.80	-	8.80	5,227	8.80		8.80	5,227	0.00%

SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_\_/\_\_\_\_/\_\_\_\_

COMPANY FLORIDA POWER CORPORATION

X Projected Test Year Ended 12/31/02

\_\_\_\_ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

DOCKET NO 000824-EI

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			Proposed Rates				Percent Increase (12)	
				\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)		\$ Total Revenue (11)
113 490	Special Concrete 13'	84	-	13.49	-	13.49	1,133	15.94		15.94	1,339	18.16%
114 491	Tenon Style Concrete 30' Triple Flood Mount	168	-	11.04	-	11.04	1,855	11.04		11.04	1,855	0.00%
115 492	16' Smooth Deco Concrete - Colonial	73,974	-	6.38	-	6.38	471,954	6.87		6.87	508,201	7.68%
116 493	19' White Aluminum	1,536	-	23.71	-	23.71	36,419	23.71		23.71	36,419	0.00%
117 494	Tenon Top Concrete 48' Non-Flood Mount	2,100	-	12.68	-	12.68	26,628	12.68		12.68	26,628	0.00%
118 496	Tenon Top Concrete 30' Non-Flood Mount	2,178	-	9.81	-	9.81	21,366	9.81		9.81	21,366	0.00%
119 497	16' Deco Concrete w/Large Base-Washington	29,768	-	16.92	-	16.92	503,641	16.92		16.92	503,641	0.00%
120 498	Tenon Top Concrete 35' Non-Flood Mount	12,456	-	10.26	-	10.26	127,799	10.26		10.26	127,799	0.00%
121 499	16' Deco Concrete w/Small Base-Vic II	50,064	-	9.98	-	9.98	499,639	9.98		9.98	499,639	0.00%
							\$ 31,991,414				\$ 35,006,655	9.43%
TOTAL COMPANY OWNED AND MAINTAINED												
							FACILITIES CHARGES - FIXTURES				\$ 17,638,124	12.94%
236,024							FACILITIES CHARGES - POLES				\$ 11,293,371	9.68%
							MAINTENANCE - FIXTURES				\$ 6,077,160	0.00%

## SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

COMPANY FLORIDA POWER CORPORATION

X Projected Test Year Ended 12/31/02

DOCKET NO 000824-EI

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			Proposed Rates					Percent Increase (12)
						\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)	
<u>Incandescent</u>														
1	110	Roadway		1,000 L	-	32	-	3 29	3 29	-	-	3 29	3 29	-
2	115	Roadway		2,500 L	-	66	-	3 33	3 33	-	-	3 33	3 33	-
3	170	Post Top		2,500 L	-	72	-	1 21	1 21	-	-	1 21	1 21	-
<u>Mercury Vapor</u>														
4	205	Open Bottom		4,000 L	-	44	-	0 93	0 93	-	-	0 93	0 93	-
5	210	Roadway		4,000 L	588	44	-	0 93	0 93	547	-	0 93	0 93	547
6	215	Post Top		4,000 L	-	44	-	0 93	0 93	-	-	0 93	0 93	-
7	220	Roadway		8,000 L	-	71	-	0 92	0 92	-	-	0 92	0 92	-
8	225	Open Bottom		8,000 L	-	71	-	0 93	0 93	-	-	0 93	0 93	-
9	235	Roadway		21,000 L	24	158	-	0 95	0 95	23	-	0 95	0 95	23
10	240	Roadway		62,000 L	-	386	-	1 10	1 10	-	-	1 10	1 10	-
11	245	Flood		21,000 L	-	158	-	0 95	0 95	-	-	0 95	0 95	-
12	250	Flood		62,000 L	-	386	-	1 10	1 10	-	-	-	-	-
<u>Sodium Vapor - Standard</u>														
13	305	Open Bottom		4,000 L	-	21	-	1 28	1 28	-	-	1 28	1 28	-
14	310	Roadway		4,000 L	-	21	-	1 28	1 28	-	-	1 28	1 28	-
15	313	Open Bottom		6,500 L	-	29	-	1 74	1 74	-	-	1 74	1 74	-
16	314	Open Bottom-Hometown II		9,500 L	-	42	-	1 47	1 47	-	-	1 47	1 47	-
17	315	Post Top - Colonial/Contemp		4,000 L	12	21	-	1 28	1 28	15	-	1 28	1 28	15
18	316	Colonial Post Top		6,500 L	-	34	-	1 28	1 28	-	-	1 28	1 28	-
19	318	Post Top		9,500 L	-	42	-	1 28	1 28	-	-	1 28	1 28	-
20	320	Roadway		9,500 L	108	42	-	1 28	1 28	138	-	1 28	1 28	138
21	321	Deco Post Top - Monticello		9,500 L	-	49	-	1 47	1 47	-	-	1 47	1 47	-
22	322	Deco Post Top -Flagler		9,500 L	-	49	-	1 47	1 47	-	-	1 47	1 47	-
23	323	Roadway-Turtle		9,500 L	-	42	-	1 47	1 47	-	-	1 47	1 47	-
24	325	Roadway		16,000 L	48	65	-	1 30	1 30	62	-	1 30	1 30	62
25	326	Deco Post Top - Sanibel		9,500 L	-	49	-	1 47	1 47	-	-	1 47	1 47	-
26	327	Deco Post Top - Sanibel (MH)		12,000 L	-	74	-	3 07	3 07	-	-	3 07	3 07	-
27	330	Roadway		22,000 L	-	87	-	1 32	1 32	-	-	1 32	1 32	-
28	335	Roadway		27,500 L	12	104	-	1 32	1 32	16	-	1 32	1 32	16
29	336	Roadway		27,500 L	-	104	-	1 32	1 32	-	-	1 32	1 32	-
30	337	Roadway		50,000 L	-	104	-	1 32	1 32	-	-	1 32	1 32	-
31	338	Deco Roadway - Maitland		27,500 L	-	104	-	1 47	1 47	-	-	1 47	1 47	-



SCHEDULE-E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

COMPANY FLORIDA POWER CORPORATION

X Projected Test Year Ended 12/31/02

DOCKET NO 000824-EI

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness Siusser

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			Proposed Rates				Percent Increase (12)
						\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	
32	339	Deco Roadway - Martland	50,000 L	-	169	-	1 47	1 47	-	1 47	1 47	-	
33	340	Roadway	50,000 L	12	169	-	1 33	1 33	16	1 33	1 33	16	0 00%
34	341	Flood	16,000 L	-	65	-	1 32	1 32	-	1 32	1 32	-	
35	342	Interstate	50,000 L	-	168	-	1 27	1 27	-	1 27	1 27	-	
36	343	Interstate	27,500 L	-	108	-	1 22	1 22	-	1 22	1 22	-	
37	345	Flood	27,500 L	24	103	-	1 32	1 32	32	1 32	1 32	32	
38	346	Deco Post Top - Ocala II	9,500 L	-	49	-	1 47	1 47	-	1 47	1 47	-	
39	350	Flood	50,000 L	12	170	-	1 33	1 33	16	1 33	1 33	16	0 00%
40	360	Deco Roadway Rect	9,500 L	-	47	-	1 28	1 28	-	1 28	1 28	-	
41	365	Deco Roadway Rect	27,500 L	-	108	-	1 32	1 32	-	1 32	1 32	-	
42	366	Deco Roadway Rect	50,000 L	-	168	-	1 32	1 32	-	1 32	1 32	-	
43	370	Deco Roadway Round	27,500 L	-	108	-	1 32	1 32	-	1 32	1 32	-	
44	371	Deco Roadway Rect (MH)	38,000 L	-	159	-	3 08	3 08	-	3 08	3 08	-	
45	372	Deco Roadway Round (MH)	38,000 L	-	159	-	3 08	3 08	-	3 08	3 08	-	
46	375	Deco Roadway Round	50,000 L	-	168	-	1 33	1 33	-	1 33	1 33	-	
47	380	Deco Post Top - Acorn	9,500 L	264	49	-	1 28	1 28	338	1 28	1 28	338	0 00%
48	381	Deco Post Top	9,500 L	-	49	-	1 28	1 28	-	1 28	1 28	-	
49	383	Deco Post Top - Biscayne	9,500 L	-	49	-	1 28	1 28	-	1 28	1 28	-	
50	385	Deco Post Top - Salem	9,500 L	-	49	-	1 28	1 28	-	1 28	1 28	-	
51	386	Flood (MH) -	110,000 L	-	378	-	4 75	4 75	-	4 75	4 75	-	
52	389	Flood (MH)	110,000 L	-	378	-	4 75	4 75	-	4 75	4 75	-	
53	390	Deco Cube (MH)	38,000 L	-	159	-	3 08	3 08	-	3 08	3 08	-	
54	393	Deco Post Top	4,000 L	-	21	-	1 28	1 28	-	1 28	1 28	-	
55	394	Deco Post Top	9,500 L	-	49	-	1 40	1 40	-	1 40	1 40	-	
56	396	Deco Post Top (Dual MH)	24,000 L	-	148	-	6 14	6 14	-	6 14	6 14	-	
57	397	Deco Post Top (MH)	12,000 L	240	74	-	3 07	3 07	737	3 07	3 07	737	
58	398	Deco Cube (MH)	110,000 L	-	378	-	4 75	4 75	-	4 75	4 75	-	
59	399	Flood (MH)	38,000 L	-	159	-	3 08	3 08	-	-	-	-	
<b><u>Other Facilities</u></b>													
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		-	-	-	-	-	-	-	-	-	

## SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_\_/\_\_\_\_/\_\_\_\_

COMPANY: FLORIDA POWER CORPORATION

X Projected Test Year Ended 12/31/02

DOCKET NO.: 000824-EI

\_\_\_\_ 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)	Present Rates					Proposed Rates					Percent Increase (12)
		Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint. Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint. Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)	
68	413 Tenon Top Concrete 25'	-	-	-	-	-	-	-	-	-	-	-
69	415 Curved Concrete	-	-	-	-	-	-	-	-	-	-	-
70	420 Wood 30/35'	48	-	-	-	-	-	-	-	-	-	-
71	425 Wood 14' Laminated	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-

## SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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

DOCKET NO. 000824-EI

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			Proposed Rates			\$ Total Monthly Charge (10)	\$ Total Revenue (11)	Percent Increase (12)
				\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)			
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	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-

## CUSTOMER CONTRIBUTION FOR INSTALLED COST OF FIXTURE

		\$ 1,940	\$ 1,940	
FACILITIES CHARGES	- FIXTURES	\$ -	\$ -	
FACILITIES CHARGES	- POLES	\$ -	\$ -	
MAINTENANCE	- FIXTURES	\$ 1,940	\$ 1,940	0.00%

## SCHEDULE E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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

DOCKET NO. 000824-EI

## CALCULATION OF REVENUE - LIGHTING SCHEDULE SL-1

## CUSTOMER OWNED COMPANY MAINTAINED

Line No		Type of Facility (1)	Present Rates					Proposed Rates					Percent Increase (12)
			Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)	
<u>Incandescent</u>													
1	110	Roadway	1,000 L	-	32	-	3 29	3 29	-	-	3 29	3 29	-
2	115	Roadway	2,500 L	-	66	-	3 33	3 33	-	-	3 33	3 33	-
3	170	Post Top	2,500 L	-	72	-	1 21	1 21	-	-	1 21	1 21	-
<u>Mercury Vapor</u>													
4	205	Open Bottom	4,000 L	-	44	-	0 93	0 93	-	-	0 93	0 93	-
5	210	Roadway	4,000 L	-	44	-	0 93	0 93	-	-	0 93	0 93	-
6	215	Post Top	4,000 L	-	44	-	0 93	0 93	-	-	0 93	0 93	-
7	220	Roadway	8,000 L	-	71	-	0 92	0 92	-	-	0 92	0 92	-
8	225	Open Bottom	8,000 L	-	71	-	0 93	0 93	-	-	0 93	0 93	-
9	235	Roadway	21,000 L	-	158	-	0 95	0 95	-	-	0 95	0 95	-
10	240	Roadway	62,000 L	-	386	-	1 10	1 10	-	-	1 10	1 10	-
11	245	Flood	21,000 L	-	158	-	0 95	0 95	-	-	0 95	0 95	-
12	250	Flood	62,000 L	-	386	-	1 10	1 10	-	-	-	-	-
<u>Sodium Vapor - Standard</u>													
13	305	Open Bottom	4,000 L	-	21	-	1 28	1 28	-	-	1 28	1 28	-
14	310	Roadway	4,000 L	528	21	-	1 28	1 28	676	-	1 28	1 28	676
15	313	Open Bottom	6,500 L	-	29	-	1 74	1 74	-	-	1 74	1 74	-
16	314	Open Bottom-Hometown II	9,500 L	-	42	-	1 47	1 47	-	-	1 47	1 47	-
17	315	Post Top - Colonial/Contemp	4,000 L	-	21	-	1 28	1 28	-	-	1 28	1 28	-
18	316	Colonial Post Top	6,500 L	-	34	-	1 28	1 28	-	-	1 28	1 28	-
19	318	Post Top	9,500 L	-	42	-	1 28	1 28	-	-	1 28	1 28	-
20	320	Roadway	9,500 L	684	42	-	1 28	1 28	876	-	1 28	1 28	876
21	321	Deco Post Top - Monticello	9,500 L	-	49	-	1 47	1 47	-	-	1 47	1 47	-
22	322	Deco Post Top -Flagler	9,500 L	-	49	-	1 47	1 47	-	-	1 47	1 47	-
23	323	Roadway-Turtle	9,500 L	-	42	-	1 47	1 47	-	-	1 47	1 47	-
24	325	Roadway	16,000 L	-	65	-	1 30	1 30	-	-	1 30	1 30	-
25	326	Deco Post Top - Sanibel	9,500 L	-	49	-	1 47	1 47	-	-	1 47	1 47	-
26	327	Deco Post Top - Sanibel (MH)	12,000 L	-	74	-	3 07	3 07	-	-	3 07	3 07	-
27	330	Roadway	22,000 L	-	87	-	1 32	1 32	-	-	1 32	1 32	-
28	335	Roadway	27,500 L	6612	104	-	1 32	1 32	8,728	-	1 32	1 32	8,728
29	336	Roadway	27,500 L	-	104	-	1 32	1 32	-	-	1 32	1 32	-
30	337	Roadway	50,000 L	-	104	-	1 32	1 32	-	-	1 32	1 32	-
31	338	Deco Roadway - Maitland	27,500 L	-	104	-	1 47	1 47	-	-	1 47	1 47	-

SCHEDULE-E-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_\_/\_\_\_\_/\_\_\_\_

COMPANY FLORIDA POWER CORPORATION

X Projected Test Year Ended 12/31/02

DOCKET NO 000824-EI

\_\_\_\_ 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			Proposed Rates					Percent Increase (12)
				\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)	
32 339	Deco Roadway - Maitland	50,000 L	-	169	-	1 47	1 47	-	1 47	1 47	-	
33 340	Roadway	50,000 L	108	169	-	1 33	1 33	144	1 33	1 33	144	0.00%
34 341	Flood	16,000 L	-	65	-	1 32	1 32	-	1 32	1 32	-	
35 342	Interstate	50,000 L	-	168	-	1 27	1 27	-	1 27	1 27	-	
36 343	Interstate	27,500 L	-	108	-	1 22	1 22	-	1 22	1 22	-	
37 345	Flood	27,500 L	-	103	-	1 32	1 32	-	1 32	1 32	-	
38 346	Deco Post Top - Ocala II	9,500 L	-	49	-	1 47	1 47	-	1 47	1 47	-	
39 350	Flood	50,000 L	60	170	-	1 33	1 33	80	1 33	1 33	80	0.00%
40 360	Deco Roadway Rect	9,500 L	-	47	-	1 28	1 28	-	1 28	1 28	-	
41 365	Deco Roadway Rect	27,500 L	-	108	-	1 32	1 32	-	1 32	1 32	-	
42 366	Deco Roadway Rect	50,000 L	-	168	-	1 32	1 32	-	1 32	1 32	-	
43 370	Deco Roadway Round	27,500 L	-	108	-	1 32	1 32	-	1 32	1 32	-	
44 371	Deco Roadway Rect (MH)	38,000 L	-	159	-	3 08	3 08	-	3 08	3 08	-	
45 372	Deco Roadway Round (MH)	38,000 L	-	159	-	3 08	3 08	-	3 08	3 08	-	
46 375	Deco Roadway Round	50,000 L	-	168	-	1 33	1 33	-	1 33	1 33	-	
47 380	Deco Post Top - Acorn	9,500 L	1140	49	-	1 28	1 28	1,459	1 28	1 28	1,459	0.00%
48 381	Deco Post Top	9,500 L	-	49	-	1 28	1 28	-	1 28	1 28	-	
49 383	Deco Post Top - Biscayne	9,500 L	-	49	-	1 28	1 28	-	1 28	1 28	-	
50 385	Deco Post Top - Salem	9,500 L	-	49	-	1 28	1 28	-	1 28	1 28	-	
51 386	Flood (MH)	110,000 L	-	378	-	4 75	4 75	-	4 75	4 75	-	
52 389	Flood (MH)	110,000 L	-	378	-	4 75	4 75	-	4 75	4 75	-	
53 390	Deco Cube (MH)	38,000 L	-	159	-	3 08	3 08	-	3 08	3 08	-	
54 393	Deco Post Top	4,000 L	-	21	-	1 28	1 28	-	1 28	1 28	-	
55 394	Deco Post Top	9,500 L	-	49	-	1 40	1 40	-	1 40	1 40	-	
56 396	Deco Post Top (Dual MH)	24,000 L	-	148	-	6 14	6 14	-	6 14	6 14	-	
57 397	Deco Post Top (MH)	12,000 L	-	74	-	3 07	3 07	-	3 07	3 07	-	
58 398	Deco Cube (MH)	110,000 L	-	378	-	4 75	4 75	-	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 36' DOT	-	-	-	-	-	-	-	-	-	-	
65 410	Concrete 15'	-	-	-	-	-	-	-	-	-	-	
66 411	Octagonal 16' Concrete	-	-	-	-	-	-	-	-	-	-	
67 412	Deco 32' Concrete Vic II	-	-	-	-	-	-	-	-	-	-	

SCHEDULE-E-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_\_/\_\_\_\_/\_\_\_\_

COMPANY FLORIDA POWER CORPORATION

X Projected Test Year Ended 12/31/02

DOCKET NO 000824-EI

\_\_\_\_ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

Witness Slusser

CALCULATION OF REVENUE LIGHTING SCHEDULE SL-1

CUSTOMER OWNED COMPANY MAINTAINED

Line No		Type of Facility (1)	Present Rates					Proposed Rates					Percent Increase (12)
			Annual	Est	\$	\$	\$ Total	\$	\$	\$ Total	\$		
			Billing Units (2)	Monthly KWH (3)	Facility Charge (4)	Maint Charge (5)	Monthly Charge (6)	Total Revenue (7)	Facility Charge (8)	Maint Charge (9)	Monthly Charge (10)	Total Revenue (11)	
68	413	Tenon Top Concrete 25'	-	-	-	-	-	-	-	-	-	-	
69	415	Curved Concrete	-	-	-	-	-	-	-	-	-	-	
70	420	Wood 30/35'	-	-	-	-	-	-	-	-	-	-	
71	425	Wood 14' Laminated	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	

SCHEDULE-E-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION	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
COMPANY FLORIDA POWER CORPORATION		
DOCKET NO. 000824-EI		

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

Line No	Type of Facility (1)	Present Rates					Proposed Rates					Percent Increase (12)
		Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)	
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	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-

CUSTOMER OWNED COMPANY MAINTAINED	\$ 11,962	\$ 11,962	
FACILITIES CHARGES - FIXTURES	\$ -	\$ -	
FACILITIES CHARGES - POLES	\$ -	\$ -	
MAINTENANCE - FIXTURES	\$ 11,962	\$ 11,962	0.00%

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## SCHEDULE-E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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

DOCKET NO 000824-EI

## CALCULATION OF REVENUE LIGHTING SCHEDULE SL-1

## COMPANY OWNED AND MAINTAINED

## CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE

Line No		Type of Facility (1)	Present Rates					Proposed Rates					Percent Increase (12)	
			Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)		
<u>Incandescent</u>														
1	110	Roadway	1,000 L	-	32	0 94	3 29	4 23	-	0 94	3 29	4 23	-	
2	115	Roadway	2,500 L	-	66	1 48	3 33	4 81	-	1 48	3 33	4 81	-	
3	170	Post Top	2,500 L	-	72	18 69	1 21	19 90	-	18 69	1 21	19 90	-	
<u>Mercury Vapor</u>														
4	205	Open Bottom	4,000 L	60	44	2 34	0 93	3 27	196	2 34	0 93	3 27	196	0 00%
5	210	Roadway	4,000 L	36	44	2 70	0 93	3 63	131	2 70	0 93	3 63	131	0 00%
6	215	Post Top	4,000 L	-	44	3 18	0 93	4 11	-	3 18	0 93	4 11	-	-
7	220	Roadway	8,000 L	540	71	3 06	0 92	3 98	2,149	3 06	0 92	3 98	2,149	0 00%
8	225	Open Bottom	8,000 L	-	71	2 29	0 93	3 22	-	2 29	0 93	3 22	-	-
9	235	Roadway	21,000 L	1140	158	3 70	0 95	4 65	5,301	3 70	0 95	4 65	5,301	0 00%
10	240	Roadway	62,000 L	-	386	4 85	1 10	5 95	-	4 85	1 10	5 95	-	-
11	245	Flood	21,000 L	276	158	4 85	0 95	5 80	1,601	4 85	0 95	5 80	1,601	0 00%
12	250	Flood	62,000 L	84	386	5 68	1 10	6 78	570	5 68	1 10	6 78	570	0 00%
<u>Sodium Vapor - Standard</u>														
13	305	Open Bottom	4,000 L	228	21	2 03	1 28	3 31	755	2 33	1 28	3 61	823	9 06%
14	310	Roadway	4,000 L	1020	21	2 49	1 28	3 77	3,845	2 86	1 28	4 14	4,223	9 81%
15	313	Open Bottom	6,500 L	-	29	3 81	1 74	5 55	-	3 84	1 74	5 58	-	-
16	314	Open Bottom-Hometown II	9,500 L	-	42	3 72	1 47	5 19	-	3 73	1 47	5 20	-	-
17	315	Post Top - Colonial/Contemp	4,000 L	192	21	3 78	1 28	5 06	972	4 35	1 28	5 63	1,081	11 26%
18	316	Colonial Post Top	6,500 L	-	34	3 71	1 28	4 99	-	3 71	1 28	4 99	-	-
19	318	Post Top	9,500 L	-	42	1 99	1 28	3 27	-	2 29	1 28	3 57	-	-
20	320	Roadway	9,500 L	8664	42	2 52	1 28	3 80	32,923	2 90	1 28	4 18	36,216	10 00%
21	321	Deco Post Top - Monticello	9,500 L	48	49	10 89	1 47	12 36	593	10 89	1 47	12 36	593	0 00%
22	322	Deco Post Top -Flagler	9,500 L	48	49	14 86	1 47	16 33	784	14 86	1 47	16 33	784	0 00%
23	323	Roadway-Turtle	9,500 L	-	42	3 96	1 47	5 43	-	3 96	1 47	5 43	-	-
24	325	Roadway	16,000 L	6420	85	2 62	1 30	3 92	25,166	3 01	1 30	4 31	27,670	9 95%
25	326	Deco Post Top - Sanibel	9,500 L	-	49	15 13	1 47	16 60	-	15 13	1 47	16 60	-	-
26	327	Deco Post Top - Sanibel (MH)	12,000 L	-	74	15 34	3 07	18 41	-	15 34	3 07	18 41	-	-
27	330	Roadway	22,000 L	3228	87	2 90	1 32	4 22	13,622	3 34	1 32	4 66	15,042	10 43%
28	335	Roadway	27,500 L	4680	104	2 88	1 32	4 20	19,656	3 31	1 32	4 63	21,668	10 24%
29	336	Roadway	27,500 L	-	104	6 18	1 32	7 50	-	6 18	1 32	7 50	-	-
30	337	Roadway	50,000 L	-	104	4 90	1 32	6 22	-	5 38	1 32	6 70	-	-



## SCHEDULE-E-16d

## REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION

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

DOCKET NO. 000824-EI

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

Line No.		Type of Facility (1)	Present Rates					Proposed Rates					Percent Increase (12)	
			Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)		
31	338	Deco Roadway - Maitland	27,500 L	-	104	8.70	1.47	10.17	-	8.70	1.47	10.17	-	
32	339	Deco Roadway - Maitland	50,000 L	-	169	9.36	1.47	10.83	-	9.36	1.47	10.83	-	
33	340	Roadway	50,000 L	3312	169	3.49	1.33	4.82	15,964	4.01	1.33	5.34	17,686	10.79%
34	341	Flood	16,000 L	-	65	3.72	1.32	5.04	-	3.72	1.32	5.04	-	
35	342	Interstate	50,000 L	-	168	6.58	1.27	7.85	-	7.57	1.27	8.84	-	
36	343	Interstate	27,500 L	-	108	6.45	1.22	7.67	-	7.42	1.22	8.64	-	
37	345	Flood	27,500 L	3120	103	3.72	1.32	5.04	15,725	4.28	1.32	5.60	17,472	11.11%
38	346	Deco Post Top - Ocala II	9,500 L	-	49	8.74	1.47	10.21	-	8.74	1.47	10.21	-	
39	350	Flood	50,000 L	5964	170	3.89	1.33	5.22	31,132	4.47	1.33	5.80	34,591	11.11%
40	360	Deco Roadway Rect	9,500 L	252	47	8.68	1.28	9.96	2,510	9.98	1.28	11.26	2,838	13.05%
41	365	Deco Roadway Rect	27,500 L	2136	108	8.68	1.32	10.00	21,360	9.98	1.32	11.30	24,137	13.00%
42	366	Deco Roadway Rect	50,000 L	348	168	8.68	1.32	10.00	3,480	9.98	1.32	11.30	3,932	13.00%
43	370	Deco Roadway Round	27,500 L	-	108	10.68	1.32	12.00	-	12.28	1.32	13.60	-	
44	371	Deco Roadway Rect (MH)	38,000 L	-	159	11.98	3.08	15.06	-	12.78	3.08	15.86	-	
45	372	Deco Roadway Round (MH)	38,000 L	-	159	14.32	3.08	17.40	-	15.12	3.08	18.20	-	
46	375	Deco Roadway Round	50,000 L	-	168	10.69	1.33	12.02	-	12.29	1.33	13.62	-	
47	380	Deco Post Top - Acorn	9,500 L	864	49	6.09	1.28	7.37	6,368	7.00	1.28	8.28	7,154	12.35%
48	381	Deco Post Top	9,500 L	-	49	3.71	1.28	4.99	-	3.71	1.28	4.99	-	
49	383	Deco Post Top - Biscayne	9,500 L	-	49	11.99	1.28	13.27	-	12.76	1.28	14.04	-	
50	385	Deco Post Top - Salem	9,500 L	240	49	5.74	1.28	7.02	1,685	5.96	1.28	7.24	1,738	3.13%
51	386	Flood (MH)	110,000 L	240	378	11.86	4.75	16.61	3,986	11.86	4.75	16.61	3,986	0.00%
52	389	Flood (MH)	110,000 L	564	378	11.92	4.75	16.67	9,402	11.92	4.75	16.67	9,402	0.00%
53	390	Deco Cube (MH)	38,000 L	-	159	15.04	3.08	18.12	-	15.04	3.08	18.12	-	
54	393	Deco Post Top	4,000 L	-	21	6.09	1.28	7.37	-	7.00	1.28	8.28	-	
55	394	Deco Post Top	9,500 L	-	49	14.62	1.40	16.02	-	16.64	1.40	18.04	-	
56	396	Deco Post Top (Dual MH)	24,000 L	-	148	29.97	6.14	36.11	-	29.97	6.14	36.11	-	
57	397	Deco Post Top (MH)	12,000 L	-	74	12.85	3.07	15.92	-	12.85	3.07	15.92	-	
58	398	Deco Cube (MH)	110,000 L	-	378	18.28	4.75	23.03	-	18.28	4.75	23.03	-	
59	399	Flood (MH)	38,000 L	156	159	9.89	3.08	12.97	2,023	9.89	3.08	12.97	2,023	0.00%
<b>Other Facilities</b>													-	
													-	
60	405	Standard Concrete 30/35'	-	-		3.22	-	-	-	3.86	-	-	-	
61	406	Deco Concrete - Sanibel	-	-		8.93	-	-	-	8.93	-	-	-	
62	407	Deco Concrete - Dual Sanibel	-	-		9.63	-	-	-	9.63	-	-	-	
63	408	Aluminum 26' DOT	-	-		38.10	-	-	-	38.10	-	-	-	
64	409	Aluminum 36' DOT	-	-		48.25	-	-	-	48.25	-	-	-	
65	410	Concrete 15'	-	-		2.12	-	-	-	2.12	-	-	-	

SCHEDULE-E-16d

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

FLORIDA PUBLIC SERVICE COMMISSION	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
COMPANY FLORIDA POWER CORPORATION		
DOCKET NO 000824-EI		

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

Line No		Type of Facility (1)	Present Rates				Proposed Rates					Percent Increase (12)
			Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	
66	411	Octagonal 16' Concrete	-	-	2.00	-	-	2.00	-	-	-	
67	412	Deco 32' Concrete Vic II	-	-	12.22	-	-	12.44	-	-	-	
68	413	Tenon Top Concrete 25'	-	-	8.93	-	-	9.09	-	-	-	
69	415	Curved Concrete	-	-	4.37	-	-	4.37	-	-	-	
70	420	Wood 30/35'	-	-	1.60	-	-	1.66	-	-	-	
71	425	Wood 14' Laminated	-	-	1.60	-	-	1.82	-	-	-	
72	428	Deco Fiberglass 35' Bronze Reinf	-	-	17.51	-	-	17.51	-	-	-	
73	429	Deco Fiberglass 41' Bronze Reinf	-	-	20.07	-	-	24.08	-	-	-	
74	430	Fiberglass 14' Black	-	-	1.60	-	-	1.92	-	-	-	
75	431	Deco Fiberglass 41' Bronze	-	-	13.70	-	-	14.32	-	-	-	
76	432	Deco Fiberglass 35' Bronze Anchor Base	-	-	25.19	-	-	25.19	-	-	-	
77	433	Deco Fiberglass 35' Bronze	-	-	10.18	-	-	10.84	-	-	-	
78	434	Deco Fiberglass 20' Black Deco Base	-	-	11.22	-	-	11.22	-	-	-	
79	435	Aluminum Type A	-	-	6.04	-	-	6.04	-	-	-	
80	436	Deco Fiberglass 16' Black Fluted	-	-	17.87	-	-	17.87	-	-	-	
81	437	Fiberglass 16' Black Fluted, Dual Mount	-	-	20.11	-	-	20.11	-	-	-	
82	438	Deco Fiberglass 20' Black	-	-	5.36	-	-	5.36	-	-	-	
83	439	Black Fiberglass 16'	-	-	18.13	-	-	18.13	-	-	-	
84	440	Aluminum Type B	-	-	6.72	-	-	6.72	-	-	-	
85	445	Aluminum Type C	-	-	13.13	-	-	13.13	-	-	-	
86	446	Deco Fiberglass 30' Bronze	-	-	10.60	-	-	10.60	-	-	-	
87	447	Deco Fiberglass 35' Silver Anchor Base	-	-	19.61	-	-	19.61	-	-	-	
88	448	Deco Fiberglass 41' Silver	-	-	16.50	-	-	16.50	-	-	-	
89	449	Deco Fiberglass 16' Black Fluted Anchor Base	-	-	15.90	-	-	15.90	-	-	-	
90	450	Concrete - 1/2 Special	-	-	1.60	-	-	1.60	-	-	-	
91	455	Steel Type A	-	-	3.77	-	-	3.77	-	-	-	
92	460	Steel Type B	-	-	4.04	-	-	4.04	-	-	-	
93	465	Steel Type C	-	-	5.65	-	-	5.65	-	-	-	
94	466	16' Deco Conc-Vic Dual Mount	-	-	13.79	-	-	13.79	-	-	-	
95	467	16' Deco Conc-Washington Dual Mount	-	-	20.73	-	-	20.73	-	-	-	
96	468	16' Deco Concrete - Colonial Dual Mount	-	-	10.19	-	-	10.19	-	-	-	
97	469	35' Tenon Top Quad Flood Mount	-	-	12.23	-	-	12.23	-	-	-	
98	471	22' Black Deco Concrete	-	-	10.45	-	-	11.45	-	-	-	
99	476	25' Tenon Top Bronze Concrete	-	-	13.21	-	-	13.39	-	-	-	
100	477	30' Tenon Top Bronze Concrete	-	-	14.52	-	-	14.52	-	-	-	
101	478	35' Tenon Top Bronze Concrete	-	-	16.06	-	-	16.06	-	-	-	
102	479	41' Tenon Top Bronze Concrete	-	-	18.54	-	-	19.40	-	-	-	
103	480	Wood 40/45'	-	-	3.57	-	-	4.28	-	-	-	

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SCHEDULE E-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  
 CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE

Line No	Type of Facility (1)	Present Rates					Proposed Rates					Percent Increase (12)
		Annual Billing Units (2)	Est Monthly KWH (3)	\$ Facility Charge (4)	\$ Maint Charge (5)	\$ Total Monthly Charge (6)	\$ Total Revenue (7)	\$ Facility Charge (8)	\$ Maint Charge (9)	\$ Total Monthly Charge (10)	\$ Total Revenue (11)	
104	481 Tenon Style Concrete 30' Single Flood Mount	-	-	7.76	-	-	-	7.76	-	-	-	-
105	482 Tenon Style Concrete 30' Double Flood Mount	-	-	10.77	-	-	-	10.77	-	-	-	-
106	483 Tenon Style Concrete 46' Triple Flood Mount	-	-	14.96	-	-	-	14.96	-	-	-	-
107	484 Tenon Style Concrete 46' Double Flood Mount	-	-	14.70	-	-	-	14.70	-	-	-	-
108	485 Standard Concrete 40/45'	-	-	8.82	-	-	-	8.82	-	-	-	-
109	486 Tenon Style Concrete 46' Single Flood Mount	-	-	11.69	-	-	-	11.69	-	-	-	-
110	487 Tenon Style Concrete 35' Triple Flood Mount	-	-	12.08	-	-	-	12.08	-	-	-	-
111	488 Tenon Style Concrete 35' Double Flood Mount	-	-	11.81	-	-	-	11.81	-	-	-	-
112	489 Tenon Style Concrete 35' Single Flood Mount	-	-	8.80	-	-	-	8.80	-	-	-	-
113	490 Special Concrete 13'	-	-	13.49	-	-	-	15.94	-	-	-	-
114	491 Tenon Style Concrete 30' Triple Flood Mount	-	-	11.04	-	-	-	11.04	-	-	-	-
115	492 16' Smooth Deco Concrete - Colonial	-	-	6.38	-	-	-	6.87	-	-	-	-
116	493 19' White Aluminum	-	-	23.71	-	-	-	23.71	-	-	-	-
117	494 Tenon Top Concrete 46' Non-Flood Mount	-	-	12.68	-	-	-	12.68	-	-	-	-
118	496 Tenon Top Concrete 30' Non-Flood Mount	-	-	9.81	-	-	-	9.81	-	-	-	-
119	497 16' Deco Concrete w/Large Base-Washington	-	-	16.92	-	-	-	16.92	-	-	-	-
120	498 Tenon Top Concrete 35' Non-Flood Mount	-	-	10.26	-	-	-	10.26	-	-	-	-
121	499 16' Deco Concrete w/Small Base-Vic II	-	-	9.98	-	-	-	9.98	-	-	-	-

\$ 221,899 \$ 243,007 9.51%

COMPANY OWNED AND MAINTAINED CUSTOMER SUPPLIED ENERGY THROUGH ANOTHER RATE

FACILITIES CHARGES - FIXTURES	\$ 162,247	\$ 183,355	13.01%
FACILITIES CHARGES - POLES	\$ -	\$ -	
MAINTENANCE - FIXTURES	\$ 59,652	\$ 59,652	0.00%
TOTAL ALL	\$ 32,227,214	\$ 35,263,564	9.42%
FACILITIES CHARGES - FIXTURES	\$ 15,777,754	\$ 17,819,479	12.94%
FACILITIES CHARGES - POLES	\$ 10,298,747	\$ 11,293,371	9.66%
MAINTENANCE - FIXTURES	\$ 6,150,714	\$ 6,150,714	0.00%

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.: 000824-EI

EXPLANATION: Provide proposed tariff sheets highlighting changes in legislative format from existing tariff provisions. For each charge, reference by footnote unit costs as shown on Schedules E-8b and E-10, if applicable. Indicate whether unit costs are calculated at the class or system rate of return. On separate attachment explain any differences between unit costs and proposed charges. Provide the derivation (calculation and assumptions) of all charges and credits other than those for which unit costs are calculated in these MFR schedules, including those charges and credits the company proposes to continue at the present level. Workpapers for street and outdoor lighting rates, T-O-U rates and standard energy charges shall be furnished under separate cover to staff, Commissioners, Commission Clerk and upon request to other parties to this docket.

Type of Data Shown:

\_\_\_ Historical Test Year Ended \_\_\_/\_\_\_/\_\_\_

\_\_X\_\_ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness: Slusser

This schedule includes all Tariff Sheets of those Rate Schedules which are proposed to be changed.  
(i.e. excludes Rate Schedules BA-1, SR-1, RSS-1, GSLM-1, GSLM-2, CISR-1, and PPS-1)  
Proposed changes are highlighted in legislative format.

Unit Charges / Cost Data are provided in Supplements as follows:

Supplement A - Summary of Unit Charges and Unit Cost Data by Rate Class

Supplement B - Development of Delivery Voltage Credits

Supplement C - Development of Revenue Requirements to Electric Plant in Service Ratios for

a. Equipment Rental offerings under General Service Rates

b. Lighting Fixture Charges for Fixtures not listed in Tariff

c. Lighting Pole Charges for Poles not listed in Tariff

Supplement D - Development of Standby Customer Rate Charges

Supplement E - Development of Proposed Interruptible Credit

Supplement F - Development of Revised CCR and ECCR Billing Factors

Part A - Effective Factors as of September 1, 2001

Part B - Factors as of September 1, 2001 revised to reflect 12 CP and 25% AD production cost allocation methodology

Part C - Factors as of September 1, 2001 revised to reflect 12CP and 25% AD production cost allocation methodology and proposed reduced IS/CS credits



INDEX OF RATE SCHEDULES

FPSC UNIFORM RATE SCHEDULE DESIGNATION		BEGINS ON SHEET NO.
BA-1	Billing Adjustments	6.105
SC	Service Charges	6.110
RS-1	Residential Service	6.120
RSL-1	Residential - Load Management (Optional)	6.130
RSL-2	Residential - Load Management - Winter Only - (Optional)	6.135
RST-1	Residential Service (Optional Time of Use)	6.140
GS-1	General Service - Non-Demand	6.150
GST-1	General Service - Non-Demand (Optional Time of Use)	6.160
GS-2	General Service - Non-Demand (100% Load Factor Usage)	6.165
GSD-1	General Service - Demand	6.170
GSDT-1	General Service - Demand (Optional Time of Use)	6.180
GSLM-1	General Service - Load Management (Optional)	6.220
GSLM-2	General Service - Load Management - Standby Generation	6.225
<del>CS-1</del>	<del>Curtailable General Service</del> <del>(Closed to New Customers as of 04/16/96)</del>	<del>6.230</del>
CS-2	Curtailable General Service	6.235
<del>CST-1</del>	<del>Curtailable General Service (Optional Time of Use)</del> <del>(Closed to New Customers as of 04/16/96)</del>	<del>6.240</del>
CST-2	Curtailable General Service (Optional Time of Use)	6.245
<del>IS-1</del>	<del>Interruptible General Service</del> <del>(Closed to New Customers as of 04/16/96)</del>	<del>6.250</del>
IS-2	Interruptible General Service	6.255
<del>IST-1</del>	<del>Interruptible General Service (Optional Time of Use)</del> <del>(Closed to New Customers as of 04/16/96)</del>	<del>6.260</del>
IST-2	Interruptible General Service (Optional Time of Use)	6.265
LS-1	Lighting Service	6.280
SS-1	Firm Standby Service	6.310
SS-2	Interruptible Standby Service	6.315
SS-3	Curtailable Standby Service	6.320
TS-1	Temporary Service	6.330
SR-1	Sebring Rider	6.340
RSS-1	Residential Seasonal Service Rider	6.350
<del>GSED-1</del> <del>CISR-1</del>	<del>General Service - Economic Development Service</del> Rider	6.360
PPS-1	General Service - Premier Power Service Rider	6.370



## RATE SCHEDULES SC-1 SERVICE CHARGES

### Establishment of Service:

A service charge shall be made for each establishment or re-establishment of service. This charge shall apply to each new service connection, service reconnection and transfer of account from one occupant to another. It shall also apply to reconnections after disconnection for non-payment or violation of Company or Commission Rules.

1. A charge of ~~\$30.50~~ ~~64.00~~ will be made for initial establishment of service to a premise.
2. A charge of ~~\$45.00~~ ~~28.00~~ will be made for each subsequent re-establishment of service to said premise where the service has been previously disconnected and a field trip is required to restore service.
3. A charge of ~~\$5.50~~ ~~10.00~~ will be made for each subsequent re-establishment of service to said premise where the service has not been previously disconnected and is to be transferred from one occupant to another with no more than one field trip. ~~Customer has a Leave Service Active (LSA) agreement on file.~~
4. A charge of ~~\$27.00~~ ~~40.00~~ will be made for the reconnection of service after disconnection for nonpayment or violation of Company or Commission rules, where such reconnection is performed during normal working hours. (M-F, 7 AM - 7 PM)
5. A charge of \$50.00 will be made for the reconnection of service for nonpayment or violation of Company or Commission rules where such reconnection is performed outside of normal working hours.
6. Charges for services due and rendered which are unpaid as of the past due date are subject to a Late Payment Charge of 1.5%, except the accounts of federal, state, and local governmental entities, agencies, and instrumentalities. A Late Payment Charge shall be applied to the accounts of federal, state, and local governmental entities, agencies and instrumentalities at a rate no greater than allowed, and in a manner permitted by applicable law.

### Returned Check Charge:

A service charge of \$20.00 or 5% of the amount of the check, whichever is greater, shall be added to the Customer's bill for electric service for each check dishonored by the bank upon which it is drawn. Termination of service shall not be made for failure to pay the returned check charge.



## RATE SCHEDULE RS-1 RESIDENTIAL SERVICE

### Availability:

Available throughout the entire territory served by the Company.

### Applicable:

To residential customers in a single dwelling house, a mobile home, or individually metered single apartment unit or other unit having housekeeping facilities, occupied by one family or household as a residence. The premises of such single dwelling may include an additional apartment with separate housekeeping facilities, as well as a garage and other separate structures where they are occupied or used solely by the members or servants of such family or household. Also, for energy used in commonly-owned facilities in condominium and cooperative apartment buildings subject to the following criteria:

1. 100% of the energy is used exclusively for the co-owner's benefit.
2. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
3. Each point of delivery will be separately metered and billed.
4. A responsible legal entity is established as the Customer to whom the Company can render its bill(s) for said service.

### Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

### Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate Per Month:

Customer Charge: \$8.85

### Energy and Demand Charges:

#### Non-Fuel Energy Charge:

First 1,000 KWh	4.0203606¢ per kWh
All Additional KWh	¢.606¢ per KWh

plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

### Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)



RateCode  
01

Page 2 of 2

RATE SCHEDULE RS-1  
RESIDENTIAL SERVICE  
(Continued from Page No. 1)

Minimum Monthly Bill:

The Minimum Monthly Bill shall be the Customer Charge.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

Term of Service:

From billing period to billing period, until receipt of notice by the Company from the Customer to disconnect, or upon disconnect by the Company under Florida Public Service Commission or Company rules.

Budget Billing Plan (Optional):

A customer may elect to be billed for service hereunder by an alternative billing plan called the "Budget Billing Plan." This billing plan provides for payments on an averaged monthly installment basis rather than payments on an actual monthly usage basis.

Under the Budget Billing Plan, the monthly billing is determined as follows:

1. The Annual Base Amount is calculated using the most recent 12 months' billings for the premises and then averaged and rounded to the nearest whole dollar (Monthly Budget Billing Amount). If the Customer has not resided at the premises for 12 months, the Annual Base Amount will be determined by the Customer's available monthly billings plus the previous occupants billings. If the premises is new, a 12-month estimated billing will be used.
2. The Monthly Budget Billing Amount is recalculated every third month using the most recent Annual Base Amount plus any deferred balances (the difference in prior billings made under the Budget Billing Plan and that of actual charges).

$$\begin{array}{rcl} \text{Monthly Budget} & \text{12-month Summation} & \text{Deferred} \\ \text{Billing Amount} & \text{Actual or Est. Annual Base} & \text{Balance} \\ & \text{12} & \end{array}$$

If the difference between the newly calculated Monthly Budget Billing Amount and the current Monthly Budget Billing Amount is greater than \$5 or 10%, then the Monthly Billing Amount will be reestablished at the newly calculated amount (rounded to the nearest whole dollar).

3. At the Customer's option (in lieu of carrying the deferred balance forward in the recalculation of the Monthly Budget Billing Amount) any deferred balance that is outstanding at the Customer's annual review may be settled either through being applied to the Customer's next bill (if a credit balance) or direct payment to the Company (if a debit balance).

A customer may request termination of the Budget Billing Plan at any time. The Company may terminate application of the Plan to any Customer whose balance due becomes sixty days delinquent. Upon termination of the Plan or disconnection of service, the Customer must settle the account in full. Once the Customer has terminated, he or she may not rejoin the plan for 12 months.

ISSUED BY: W. C. Slusser, Jr., Director, Pricing Department

EFFECTIVE: November 26, 1996





## RATE SCHEDULE RSL-1 RESIDENTIAL LOAD MANAGEMENT

### Availability:

Available only within the range of the Company's load management system.

As of July 20, 2000, available only to customers whose premises have active load management devices installed.

As of April 1, 2001, available only to customers taking service hereunder on this date.

### Applicable:

To Customers eligible for residential service under Rate Schedule RS-1 or RSS-1 having a minimum average monthly usage of 600 kWh (based on the most recent 12 months or, where not available, a projection for 12 months), and utilizing any of the following electrical equipment:

- |                                    |                                    |
|------------------------------------|------------------------------------|
| 1. Water Heater                    | 3. Central Electric Cooling System |
| 2. Central Electric Heating System | 4. Swimming Pool Pump              |

### Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

### Limitation of Service:

Service to the electrical equipment specified above may be interrupted at the option of the Company by means of load management devices installed on the Customer's premises.

For new service requests after April 1, 1995, customers who select the swimming pool pump schedule must also select at least one other schedule.

An installation of an alternative thermal storage heating system under Special Provision No. 7 of this rate schedule is not available after April 1, 1995.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate Per Month:

Customer Charge: \$8.85

### Energy and Demand Charges:

#### Non-Fuel Energy Charge:

First 1,000 KWH	4.0203 606¢ per kWh
All Additional KWH	4.606 per kWh
plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

### Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

### Load Management Credit Amounts:<sup>1,2</sup>

(a) Load Management Program (monthly credits)

#### Interruptible Equipment

	Interruption Schedule			
	A	B	C	D
Water Heater	-	-	\$3.50	-
Central Heating System <sup>3</sup>	\$2.00	\$8.00	-	-
Central Heating System w/Thermal Storage <sup>3</sup>	-	-	-	\$8.00
Central Cooling System <sup>4</sup>	\$1.00	\$5.00	-	-
Swimming Pool Pump	-	-	\$2.50	-

**RATE SCHEDULE RSL-1  
RESIDENTIAL LOAD MANAGEMENT**  
(Continued from Page No. 1)

(b) Advanced Load Management Program (per day interrupted credits)

Interruptible Equipment

$$\text{Central Cooling System}^4 = \$4.50 \times \left( \frac{\%}{50} - 1 \right)$$

$$\text{Central Heating System}^3 = \$3.00 \times \left( \frac{\%}{50} - 1 \right)$$

$$60 \leq \% \leq 100$$

% = Customer selected maximum interruption %

- Notes:
- (1) Load management credits shall not exceed 40% of the Non-Fuel Charge associated with kWh consumption in excess of 600 kWh/month.
  - (2) For Central Heating and Cooling Systems, selection of Interruption Schedule A, Schedule B, Advanced Load Management is at the option of the Customer.
  - (3) For the billing months of November through March only.
  - (4) For the billing months of April through October only.

**Interruption Schedules:**

- Schedule A Equipment interruptions will not exceed an accumulated total of 10 minutes during any 30-minute interval within the Company's designated Peak Periods.
- Schedule B Equipment interruptions will not exceed an accumulated total of 16.5 minutes during any 30-minute interval within the Company's designated Peak Periods.
- Schedule C Equipment may be interrupted continuously, not to exceed 300 minutes, and during the Company's designated Peak Periods. Where a thermal storage system has been installed hereunder, additional interruptions to the water heater will be made during periods of charging thermal storage system.
- Schedule D The regular heating system may be interrupted continuously and alternative heating provided by means of a thermal storage system installed hereunder.
- Advanced Under the Advanced Load Management Program, Customers may select from among company determined interruption schedules for the central heating systems and/or central cooling systems ranging from 18 minutes during any 30-minute interval to 30 minutes during any 30-minute interval.

Customers participating in the Advanced Load Management Program must also be Interruption Schedule B participants. Under the Advanced Load Management Program, Customers will receive an Advanced Load Management credit for each day (midnight to midnight) in which this program is implemented. This credit will be in addition to the Customer's monthly load management credits.

**Peak Periods:**

The Peak Periods expressed in terms of prevailing clock time shall be, but are not limited to these as follows:

- (1) For the calendar months of November through March - All Days: 6:00 a.m. to 11:00 a.m., and 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October - All Days: 1:00 p.m. to 10:00 p.m.

**Terms and Conditions:**

All terms and conditions of Rate Schedule RS-1, Residential Service, (i.e., Fuel Charges and other Billing Adjustments, Minimum Monthly Bill, Terms of Payment, Term of Service, and Average Billing Plan), shall apply to service under this rate schedule.



**RATE SCHEDULE RSL-1  
RESIDENTIAL LOAD MANAGEMENT**  
(Continued from Page No. 2)

**Special Provisions:**

1. The Company shall be allowed reasonable access to the Customer's premises to install, maintain, inspect, test and remove load management devices on the electrical equipment specified above.
2. Prior to the installation of load management devices, the Company may inspect the Customer's electrical equipment to ensure good repair and working condition, but the Company shall not be responsible for the repair or maintenance of the electrical equipment.
3. The Company shall not be required to install load management devices on electrical equipment which would not be economically justified for reasons, such as, excessive installation costs, insufficient load, oversized heating or cooling equipment, or abnormal utilization of equipment, including but not limited to, vacation or other limited occupancy residences or qualifying common use facilities.
4. Multiple units of any electrical equipment specified above must all be installed with load management devices to qualify for the credit attributable to that equipment type at that premise.
5. The limitation on Interruptible Schedules shall not apply during critical capacity conditions on the Company's system; nor shall limitations apply at times the Company requires additional generating resources to maintain firm power sales commitments or supply emergency interchange service to another utility for its firm load obligations only. The Company may also exercise equipment interruptions at any time for purposes of testing and performance evaluation of its load management system.
6. If the Company determines that the load management devices have been tampered with, the Company may discontinue service under this rate schedule and bill for all prior load management credits received by the Customer, unless an earlier tampering date can be established, plus applicable investigative charges.
7. An alternative thermal storage heating system is available to Customers who (a) have resistance strip heating solely as their central electric heating system, (b) have adequate space and provide access for installation and maintenance of a thermal storage system, (c) have an electric water heater circuit which can be utilized for charging a thermal storage system, and (d) have normal residential water heating and central heating requirements. The Company shall not be required to provide a thermal storage system where the Company deems the installation to be economically unjustified.

For qualifying Customers, the Company will install, maintain, and operate a thermal storage system consisting of a thermal storage (water) tank, a pump, and a heat exchanging coil. The storage tank will be charged at the option and under the control of the Company. When this option is exercised, heating from this system will be available in place of the Customer's regular heating system. During periods that the storage tank is being charged, electric service to the Customer's regular water heater will be interrupted. An initial incentive payment of \$50.00 shall be made to a participating Customer.

8. Billing under this Rate Schedule will commence with the first complete billing period following installation of the load management devices. A Customer may not change interruption schedules or the selection of electrical equipment installed with load management devices. The Customer may transfer to another rate schedule by notifying the Company forty-five (45) days in advance.
9. If the Company determines that the effect of equipment interruptions has been offset by the Customer's use of supplementary or alternative electrical equipment, or if access cannot be obtained by the Company to inspect, maintain, or remove load management devices, service under this rate schedule may be discontinued and the Customer billed for all prior load management credits received over a period not in excess of six (6) months.



## RATE SCHEDULE RSL-2 RESIDENTIAL LOAD MANAGEMENT – WINTER ONLY

### Availability:

Available only within the range of the Company's load management system.

### Applicable:

To Customers eligible for residential service under Rate Schedule RS-1 or RSS-1 having a minimum average monthly usage of 600 kWh for the months of November through March (based on the most recent billings, where not available, a projection for those months), and utilize both electric water heater and central electric heating systems:

### Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

### Limitation of Service:

Service to the electrical equipment specified above may be interrupted at the option of the Company by means of load management devices installed on the Customer's premises.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate Per Month:

Customer Charge: \$8.85

### Energy and Demand Charges:

Non-Fuel Energy Charge: 4.020¢ per kWh

First 1,000 kWh	3.606¢ per kWh
All Additional kWh	4.606¢ per kWh

plus Energy Conservation Cost Recovery Factor: See Sheet No. 6.105

plus Capacity Cost Recovery Factor: See Sheet No. 6.106

### Additional Charges:

Fuel Cost Recovery Factor: See Sheet No. 6.105

Gross Receipts Tax Factor: See Sheet No. 6.106

Right-of-Way Utilization Fee: See Sheet No. 6.106

Municipal Tax: See Sheet No. 6.106

Sales Tax: See Sheet No. 6.106

### Load Management Credit Amount:<sup>1</sup>

<u>Interruptible Equipment</u>	<u>Monthly Credit<sup>2</sup></u>
Water Heater and Central Heating System	\$11.50

- Notes: (1) Load management credits shall not exceed 40% of the Non-Fuel Charge associated with kWh consumption in excess of 600 kWh/month.
- (2) For billing months of November through March only.

### Appliance Interruption Schedule:

Heating	Equipment interruptions will not exceed an accumulated total of 16.5 minutes during any 30 minute interval within the Company's designated Peak Periods.
Water Heater	Equipment may be interrupted continuously, not to exceed 300 minutes, and during the Company's designated Peak Periods.

(Continued on Page No. 2)



**RATE SCHEDULE RSL-2  
RESIDENTIAL LOAD MANAGEMENT - WINTER ONLY**  
(Continued from Page No. 1)

**Peak Periods:**

The Peak Periods expressed in terms of prevailing clock time shall be, but are not limited to these as follows:

- (1) For the calendar months of November through March - All Days:      6:00 a.m. to 11:00 a.m., and  
6:00 p.m. to 10:00 p.m.

**Terms and Conditions:**

All terms and conditions of Rate Schedule RS-1, Residential Service, i.e., Fuel Charges and other Billing Adjustments, Minimum Monthly Bill, Terms of Payment, Term of Service, and Budget Billing Plan, shall apply to service under this rate schedule.

**Special Provisions:**

1. The Company shall be allowed reasonable access to the Customer's premises to install, maintain, inspect, test and remove load management devices on the electrical equipment specified above.
2. Prior to the installation of load management devices, the Company may inspect the Customer's electrical equipment to ensure good repair and working condition, but the Company shall not be responsible for the repair or maintenance of the electrical equipment.
3. The Company shall not be required to install load management devices on electrical equipment which would not be economically justified for reasons, such as, excessive installation costs, insufficient load, oversized heating or cooling equipment, or abnormal utilization of equipment, including but not limited to, vacation or other limited occupancy residences or qualifying common use facilities.
4. Multiple units of any electrical equipment specified above must all be installed with load management devices to qualify for the credit attributable to that equipment type at that premise.
5. The limitation on Interruptible Schedules shall not apply during critical capacity conditions on the Company's system; nor shall limitations apply at times the Company requires additional generating resources to maintain firm power sales commitments or supply emergency interchange service to another utility for its firm load obligations only. The Company may also exercise equipment interruptions at any time for purposes of testing and performance evaluation of its load management system.
6. If the Company determines that the load management devices have been tampered with, the Company may discontinue service under this rate schedule and bill for all prior load management credits received by the Customer, unless an earlier tampering date can be established, plus applicable investigative charges.
7. Billing under this Rate Schedule will commence with the first complete billing period following installation of the load management devices. A Customer may transfer to another rate schedule by notifying the Company forty-five (45) days in advance. If a customer transfers to another rate schedule they are not eligible to request service under this rate schedule for 12 months from the date of the transfer.
8. If the Company determines that the effect of equipment interruptions has been offset by the Customer's use of supplementary or alternative electrical equipment, or if access cannot be obtained by the Company to inspect, maintain, or remove load management devices, service under this rate schedule may be discontinued and the Customer billed for all prior load management credits received over a period not in excess of six (6) months.



## RATE SCHEDULE RST-1 RESIDENTIAL SERVICE OPTIONAL TIME OF USE RATE

### Availability:

Available throughout the entire territory served by the Company.

### Applicable:

At the option of the Customer, to residential customers otherwise eligible for service under Rate Schedule RS-1, provided that all of the electric load requirements on the Customer's premises are metered through one point of delivery.

### Character of Service:

Continuous service, alternating current, 60 cycle, single-phase, at the Company's standard distribution secondary voltage available. Three-phase service, if available, will be supplied only under the conditions set forth in the Company's booklet "Requirements for Electric Service and Meter Installations."

### Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate per Month:

#### Customer Charge:

For Single-Phase Service:	\$16.35
For Three-Phase Service:	\$22.35

#### Energy and Demand Charges:

Non-Fuel Energy Charge:	11.49¢	10.96¢	per On-Peak kWh
	0.58¢	0.70¢	per Off-Peak kWh

plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

### Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and  
6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(b) **Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

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RATE SCHEDULE RST-1  
RESIDENTIAL SERVICE  
OPTIONAL TIME OF USE RATE  
(Continued from Page No. 1)

Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

Term of Service:

The term of service requirements under this optional rate schedule shall be the same as that required under the standard rate schedule which would otherwise be applicable; provided, however, customers who elect to take service hereunder at a given location shall have the right during the initial term of service to transfer to the otherwise applicable standard rate schedule at any time. It is further provided, however, that any such customer who subsequently re-elects to take service hereunder at the same location shall be required to remain on the optional rate at that location for a minimum term of twelve consecutive months.

Special Provisions:

1. All service rendered under this rate schedule shall be measured by metering equipment capable of determining energy use during specified hourly periods.
2. Application for service hereunder will be accepted by the Company on a first-come, first-served basis. Required metering equipment will be installed accordingly, subject to availability.
3. Service under this rate schedule shall commence with the first full billing period following the date of meter installation.
4. Customers at their option may elect to receive a lower monthly Customer Charge by making a Contribution in Aid of Construction (CIAC) equal to the additional installed cost of a time of use meter. As of the effective date of this rate schedule, the CIAC required is \$258 for single-phase and \$393 for three-phase. For customers electing this option, the Customer Charge shall be the Customer Charge contained in Rate Schedule RS-1.

ISSUED BY: S. F. Nixon, Jr., Director, Rate Department

EFFECTIVE: March 7, 1995



## RATE SCHEDULE GS-1 GENERAL SERVICE - NON-DEMAND

### Availability:

Available throughout the entire territory served by the Company.

### Applicable:

To any customer, other than residential, for light and power purposes for which no other rate schedule is specifically applicable.

### Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

### Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate Per Month:

#### Customer Charge:

Unmetered Account:	\$ 6.60
Secondary Metering Voltage:	\$ 11.70
Primary Metering Voltage:	\$148.00
Transmission Metering Voltage:	\$730.00

#### Energy and Demand Charges:

Non-Fuel Energy Charge:	4.020 <del>3.939</del> ¢ per kWh
plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

### Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Energy Charge included in the Rate per Month section of this rate schedule shall be increased by 0.555¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

### Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above standard distribution secondary, the applicable following reduction factor shall apply to the Non-Fuel Energy Charge hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

### Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)



**RATE SCHEDULE GS-1  
GENERAL SERVICE - NON-DEMAND**  
(Continued from Page No. 1)

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge. Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Service under this rate shall be for a minimum initial term of twelve (12) months from commencement of service and shall continue thereafter until receipt of notice by the Company from the Customer to disconnect, or upon disconnect by the Company under Florida Public Service Commission or Company Rules.

Customers taking service under another Company rate schedule who elect to transfer to this rate must remain on this rate for a minimum term of twelve (12) months.

Where special equipment to serve the Customer is required, the Company may require a specified term of service contract.

**Special Provisions:**

1. The Company may, under the provisions of this rate, require a contract with the Customer upon the Company's filed contract form. Whenever the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required.
2. The Company will furnish service under this rate at a single voltage. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
3. For fixed wattage and/or automatically controlled loads, the kWh consumption may, at the option of the Company, be estimated in lieu of installing meters.



**RATE SCHEDULE GST-1  
GENERAL SERVICE - NON-DEMAND  
OPTIONAL TIME OF USE RATE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

At the option of the Customer, to non-residential customers otherwise eligible for service under Rate Schedule GS-1, provided that all of the electric load requirements on the Customer's premises are metered through one point of delivery.

**Character of Service:**

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

**Limitation of Service:**

Standby or Resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate Per Month:**

**Customer Charge:**

Secondary Metering Voltage:	
For Single-Phase Service:	\$ 19.20
For Three-Phase Service:	\$ 25.20
Primary Metering Voltage:	\$155.50
Transmission Metering Voltage:	\$737.50

**Energy and Demand Charge:**

Non-Fuel Charge:	11.49¢ per On-Peak kWh
	0.58¢ per Off-Peak kWh

plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

The On-Peak rate shall apply to energy use during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Charges included in the Rate per Month section of this rate schedule shall be increased by 0.555¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

**Rating Periods:**

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and  
6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(Continued on Page No. 2)

**RATE SCHEDULE GST-1  
 GENERAL SERVICE - NON-DEMAND  
 OPTIONAL TIME OF USE RATE**  
 (Continued from Page No. 1)

**Rating Periods: (Continued)**

- (b) **Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the applicable following reduction factor shall apply to the Non-Fuel Energy and Demand Charges hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Additional Charges:**

<b>Fuel Cost Recovery Factor:</b>	See Sheet No. 6.105
<b>Gross Receipts Tax Factor:</b>	See Sheet No. 6.106
<b>Right-of-Way Utilization Fee:</b>	See Sheet No. 6.106
<b>Municipal Tax:</b>	See Sheet No. 6.106
<b>Sales Tax:</b>	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge. Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable in cash, within the time limit specified on bill, and at Company-designated local locations.

**Term of Service:**

The term of service requirements under this optional rate schedule shall be the same as that required under the standard rate schedule which would otherwise be applicable; provided, however, customers who elect to take service hereunder at a given location shall have the right during the initial term of service to transfer to the otherwise applicable standard rate schedule at any time. It is further provided, however, that any such customer who subsequently re-elects to take service hereunder at the same location shall be required to remain on the optional rate at that location for a minimum term of twelve (12) months.

**Special Provisions:**

1. The Company may, under the provisions of this rate, require a contract with the Customer upon the Company's filed contract form. Whenever the Customer increases his electric load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required.
2. The Company will furnish service under this rate at a single voltage. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
3. All service rendered under this rate schedule shall be measured by metering equipment capable of determining energy use during specified hourly periods.
4. Application for service hereunder will be accepted by the Company on a first-come, first-served basis. Required metering equipment will be installed accordingly, subject to availability.
5. Service under this rate schedule shall commence with the first full billing period following the date of meter installation.
6. Customers at their option may elect to receive a lower monthly Customer Charge by making a Contribution in Aid of Construction (CIAC) equal to the additional installed cost of time of use meter. The CIAC required is \$258 for single-phase and \$393 for three-phase. For customers electing this option, the Customer Charge shall be the applicable Customer Charge contained in Rate Schedule GS-1.



**RATE SCHEDULE GS-2  
GENERAL SERVICE - NON-DEMAND  
100% LOAD FACTOR USAGE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, with fixed wattage loads operating continuously throughout the billing period (such as traffic signals, cable TV amplifiers, and gas transmission substations).

**Character of Service:**

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

**Limitation of Service:**

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate Per Month:**

**Customer Charge:**

Unmetered Account:	\$ 6.60
Metered Account:	\$11.70

**Energy and Demand Charges:**

Non-Fuel Energy Charge:	1.508 <del>1.798</del> ¢ per kWh
plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Non-Fuel Energy Charge included in the Rate per Month section of this rate schedule shall be increased by 0.111¢ per kWh for the cost of reserving capacity in the alternate distribution circuit.

**Additional Charges:**

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

(Continued on Page No. 2)

**RATE SCHEDULE GS-2  
GENERAL SERVICE - NON-DEMAND  
100% LOAD FACTOR USAGE  
(Continued from Page No. 1)**

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge. Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

From billing period to billing period, until receipt of notice by the Company from the Customer to disconnect, or upon disconnect by the Company under Florida Public Service Commission or Company Rules.

Where special equipment to serve the Customer is required, the Company may require a specified term of service contract.

**Special Provisions:**

1. The Company may, under the provisions of this rate, require a contract with the Customer upon the Company's filed contract form. Whenever the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required.
2. The Company will furnish service under this rate at a single voltage. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
3. The calculated kWh usage at each unmetered point shall be determined by operating tests or utilization of manufacturer's rating and specifications. The monthly operation shall be based on a standard of 730 hours. For cable TV amplifiers or similar equipment, the input wattage used to calculate kWh usage shall be:

$$\text{Input Wattage} = \frac{\text{Output Amperage} \times \text{Output Voltage}}{\text{Manufacturer's Rated Efficiency}}$$

where, such above values are established by the Manufacturer.



## RATE SCHEDULE GSD-1 GENERAL SERVICE - DEMAND

### Availability:

Available throughout the entire territory served by the Company.

### Applicable:

To any customer, other than residential, for light and power purposes for which no other rate schedule is specifically applicable with a measured annual kWh consumption of 24,000 kWh or greater per year.

### Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

### Limitation of Service:

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate Per Month:

#### Customer Charge:

Secondary Metering Voltage:	\$ 11.70
Primary Metering Voltage:	\$148.00
Transmission Metering Voltage:	\$730.00

**Demand Charge:** \$ 3.80 per kW of Billing Demand

#### Energy Charge:

Non-Fuel Energy Charge: 1.65¢ ~~1.625¢~~ per kWh

plus Energy Conservation Cost Recovery Factor: See Sheet No. 6.105

plus Capacity Cost Recovery Factor: See Sheet No. 6.106

### Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

### Determination of Billing Demand:

The billing demand shall be the maximum 30-minute kW demand established during the current billing period.

(Continued on Page No. 2)



**RATE SCHEDULE GSD-1  
GENERAL SERVICE - DEMAND**  
(Continued from Page No. 1)

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Demand Charge hereunder shall be subject to the following credits:

For Distribution Primary Delivery Voltage:	\$0-300.38 per kW of Billing Demand
For Transmission Delivery Voltage:	\$0-690.89 per kW of Billing Demand

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the applicable following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charge, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

For customers with measured demands of 1,000 kW or more for three (3) or more months out of the twelve (12) consecutive months ending with the current billing period, bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

**Additional Charges:**

<b>Fuel Cost Recovery Factor:</b>	See Sheet No. 6.105
<b>Gross Receipts Tax Factor:</b>	See Sheet No. 6.106
<b>Right-of-Way Utilization Fee:</b>	See Sheet No. 6.106
<b>Municipal Tax:</b>	See Sheet No. 6.106
<b>Sales Tax:</b>	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge.

Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Service under this rate shall be for a minimum initial term of twelve (12) months from commencement of service and shall continue thereafter until receipt of notice by the Company from the Customer to disconnect, or upon disconnect by the Company under Florida Public Service Commission or Company Rules.

Customers taking service under another Company rate schedule who elect to transfer to this rate must remain on this rate for a minimum term of twelve (12) months.

(Continued on Page No. 3)



**RATE SCHEDULE GSD-1  
GENERAL SERVICE - DEMAND**  
(Continued from Page No. 2)

**Term of Service: (Continued)**

Where special equipment to serve the Customer is required, the Company may require a specified term of service contract.

**Special Provisions:**

1. The Company may, under the provisions of this rate, require a contract with the Customer upon the Company's filed contract form. Whenever the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required.
2. The Company will furnish service under this rate at a single voltage. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.





**RATE SCHEDULE GSDT-1  
 GENERAL SERVICE - DEMAND  
 OPTIONAL TIME OF USE RATE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

At the option of the Customer, otherwise eligible for service under Rate Schedule GSD-1, provided that all of the electric load requirements on the Customer's premises are metered through one point of delivery.

**Character of Service:**

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

**Limitation of Service:**

Standby or Resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate per Month:**

**Customer Charge:**

Secondary Metering Voltage:	\$ 19.20
Primary Metering Voltage:	\$155.50
Transmission Metering Voltage:	\$737.50

**Demand Charges:**

Base Demand Charge:	\$ 0.94 per kW of Base Demand
On-Peak Demand Charge:	\$ <del>2.83</del> <del>2.86</del> per kW of On-Peak Demand

**Energy Charges:**

Non-Fuel Energy Charge:	<del>3.654</del> <del>3.328</del> ¢ per On-Peak kWh
	<del>0.6800</del> <del>0.708</del> ¢ per Off-Peak kWh

plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

The On-Peak rate shall apply to energy use during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 2 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE GSDT-1  
GENERAL SERVICE - DEMAND  
OPTIONAL TIME OF USE RATE**  
(Continued from Page No. 1)

**Rating Periods:**

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

(1) For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and  
6:00 p.m. to 10:00 p.m.

(2) For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(b) **Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

**Determination of Billing Demands:**

The billing demands shall be the following:

- (a) The Base Demand shall be the maximum 30-minute kW demand established during the current billing month.
- (b) The On-Peak Demand shall be the maximum 30-minute kW demand established during designated On-Peak Periods during the current billing month.

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Base Demand Charge hereunder shall be subject to the following credits:

For Distribution Primary Delivery Voltage:	\$0.300.38 per kW of Billing Demand
For Transmission Delivery Voltage:	\$0.690.89 per kW of Billing Demand

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the applicable following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charges, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

For Customers with metered demands of 1,000 kW or more for three (3) or more months out of the twelve (12) consecutive months ending with the current billing period, bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds numerically .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

(Continued on Page No. 3)

**RATE SCHEDULE GSDT-1  
GENERAL SERVICE - DEMAND  
OPTIONAL TIME OF USE RATE**  
(Continued from Page No. 2)

**Additional Charges:**

<b>Fuel Cost Recovery Factor:</b>	See Sheet No. 6.105
<b>Gross Receipts Tax Factor:</b>	See Sheet No. 6.106
<b>Right-of-Way Utilization Fee:</b>	See Sheet No. 6.106
<b>Municipal Tax:</b>	See Sheet No. 6.106
<b>Sales Tax:</b>	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge.

Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

The term of service requirements under this optional rate schedule shall be the same as that required under the standard rate schedule which would otherwise be applicable; provided, however, Customers who elect to take service hereunder at a given location shall have the right during the initial term of service to transfer to the otherwise applicable standard rate schedule at any time. It is further provided, however, that any such customer who subsequently re-elects to take service hereunder at the same location shall be required to remain on the optional rate at the location for a minimum term of twelve (12) months.

**Special Provisions:**

1. The Company may, under the provisions of this rate, require a contract with the Customer upon the Company's filed contract form. Whenever the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required.
2. The Company will furnish service under this rate at a single voltage. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
3. All service rendered under this rate schedule shall be measured by metering equipment capable of determining energy use during specified hourly periods.
4. Application for service hereunder will be accepted by the Company on a first-come, first-served basis. Required metering equipment will be installed accordingly, subject to availability.
5. Service under this rate schedule shall commence with the first full billing period following the date of meter installation.
6. Customers at their option may elect to receive a lower monthly Customer Charge by making a Contribution in Aid of Construction (CIAC) equal to the additional installed cost of a time of use meter. The CIAC required is \$258 for single-phase and \$393 for three-phase. For customers electing this option, the Customer Charge shall be the applicable Customer Charge contained in Rate Schedule GSD-1.



**RATE SCHEDULE CS-1  
CURTAILABLE GENERAL SERVICE**  
(Closed to New Customers as of 04/16/96)

**RESERVED FOR FUTURE USE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, for light and power purposes where the Customer agrees during a period of requested curtailment to curtail as a minimum the greater of: (a) 25 kW or (b) 25% of their average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection for twelve (12) months).

**Character of Service:**

Alternating current, 60 cycle, single phase or three phase, at the Company's standard voltage available.

**Limitation of Service:**

Standby or resale service not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate Per Month:**

**Customer Charge:**

Secondary Metering Voltage: \_\_\_\_\_ \$ 76.70  
Primary Metering Voltage: \_\_\_\_\_ \$213.00  
Transmission Metering Voltage: \_\_\_\_\_ \$795.00

**Demand Charge:** \_\_\_\_\_ \$ 6.13 per kW of Billing Demand

**Curtailable Demand Credit:** \_\_\_\_\_ \$ 2.33 per kW of Curtailable Demand

**Energy Charge:**

Non-Fuel Energy Charge: \_\_\_\_\_ 1.082¢ per kWh

plus Energy Conservation Cost Recovery Factor: \_\_\_\_\_ See Sheet No. 6.105

plus Capacity Cost Recovery Factor: \_\_\_\_\_ See Sheet No. 6.106

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CS-1**  
**CURTAILABLE GENERAL SERVICE**  
 (Closed to New Customers as of 04/16/96)  
 (Continued from Page No. 1)

**RESERVED FOR FUTURE USE**

**Determination of Billing Demand:**

The billing demand shall be the maximum 30-minute kW demand established during the current billing period.

**Determination of Curtailable Demand:**

The Curtailable Demand shall be the difference, if any, between the current Billing Demand and the contract Non-Curtailable Demand determined in accordance with Special Provision No. 2 of this rate. In no event shall the Curtailable Demand be less than zero.

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage: \_\_\_\_\_ \$0.30 per kW of Billing Demand  
 For Transmission Delivery Voltage: \_\_\_\_\_ \$0.69 per kW of Billing Demand

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charge, Curtailable Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

For Customers with measured demands of 1,000 kW or more for three (3) or more months out of the twelve (12) consecutive months ending with the current billing period, bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

**Additional Charges:**

Fuel Cost Recovery Factor: \_\_\_\_\_ See Sheet No. 6.105  
 Gross Receipts Tax Factor: \_\_\_\_\_ See Sheet No. 6.106  
 Right-of-Way Utilization: \_\_\_\_\_ See Sheet No. 6.106  
 Municipal Tax: \_\_\_\_\_ See Sheet No. 6.106  
 Sales Tax: \_\_\_\_\_ See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge.

Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Service under this rate shall be for a minimum initial term of two (2) years from the commencement of service, and shall continue thereafter until terminated by either party by written notice sixty (60) days prior to termination.

(Continued on Page No. 3)



**RATE SCHEDULE CS-1  
CURTAILABLE GENERAL SERVICE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 2)

**RESERVED FOR FUTURE USE**

**Special Provisions:**

1. ~~As used in this rate schedule, the term "period of requested curtailment" shall mean a period for which the Company has requested curtailment and for which energy purchased from sources outside the Company's system, pursuant to Special Provision No. 6, is not available. If such energy can be purchased, the terms of Special Provision No. 6 will apply and a period of requested curtailment would not be deemed to exist while such energy remains available.~~
2. ~~Under the provisions of this rate, the Company will require a contract with the Customer upon the Company's filed standard contract Form No. 2. An initial Non-Curtailable Demand shall be specified in the contract and shall be based on specifications for power requirements supplied to the Company. (Note: the initial contract Non-Curtailable Demand cannot be set any greater than 75% of the Customer's average monthly billing demand in accordance with the Applicable Clause of this rate schedule). The contract Non-Curtailable Demand shall be re-established under the following conditions:~~
  - (a) ~~If a change in the Customer's power requirements occurs, the Company and the Customer shall establish a new contract Non-Curtailable Demand.~~
  - (b) ~~If the Customer establishes a demand higher than the contract Non-Curtailable demand during any period of requested curtailment in the billing period, such higher demand shall become the contract Non-Curtailable Demand effective with the next billing period. In addition, Special Provision No. 5 is applicable.~~
  - (c) ~~If the Customer establishes a demand lower than the contract Non-Curtailable demand during all periods of requested curtailment in the billing period, such lower demand upon request by the Customer shall become the contract Non-Curtailable Demand effective with the next billing period.~~
  - (d) ~~If the Customer's contract Non-Curtailable Demand exceeds 75% of the Customer's average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection of twelve (12) months), the contract Non-Curtailable Demand shall be set equal to 75% of the Customer's average monthly billing demand effective with the current billing period. A re-establishment of the Customer's contract Non-Curtailable Demand under this condition shall supersede any other establishment.~~
3. ~~As an essential requirement for receiving the Curtailable Demand Credit provided under this rate schedule, a Customer shall be strictly responsible for the curtailment of his power requirements to no more than his contract Non-Curtailable Demand upon each request of the Company. Such requests will normally be made during periods of capacity shortages on the Company's system; however, other operating contingencies may result in such requests at other times. The Company shall also have the right to request one additional curtailment each calendar year irrespective of capacity availability or operating conditions.~~
4. ~~A customer will be deemed to have complied with his curtailment responsibility if the maximum 30 minute kW demand established during each period of requested curtailment does not exceed his contract Non-Curtailable Demand.~~
5. ~~If the maximum 30 minute kW demand established during a requested curtailment in the billing period exceeds the Customer's contract Non-Curtailable Demand, the Customer will be billed the following additional charge for all billing periods from the most recent prior billing period of requested curtailment through the current billing period, not to exceed a total of twelve (12) billing periods:~~
  - 1.25 times the difference in Demand and Energy Charges which would result under Rate Schedule GSD-1 and these Demand and Energy Charges calculated under this rate schedule. This calculation shall be exclusive of any additional charges rendered under Special Provision No. 6 of this rate schedule.

(Continued on Page 4)



**RATE SCHEDULE CS-1  
CURTAILABLE GENERAL SERVICE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 3)

**RESERVED FOR FUTURE USE**

**Special Provisions: (Continued)**

6. To minimize the frequency and duration of curtailments requested under this rate schedule, the Company will attempt to purchase additional energy, if available, from sources outside the Company's system during periods for which curtailment would otherwise be requested. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. Any energy associated with curtailable loads used during these periods will be subject to the additional charges set forth in the second paragraph of this provision. Customers may avoid these higher charges by curtailing their usage during such periods to no more than their established Non-Curtailable Demand pursuant to the third paragraph of these provisions.

In the event a Customer elects not to curtail, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh, for all consumption above the Customer's Non-Curtailable Demand during the period for which curtailment would have otherwise been requested. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CST-1, SS-2, and SS-3 during the corresponding calendar month. If, for any reason during such period, the Customer is notified that the energy purchased from outside sources is no longer available, the terms of this Special Provision will cease to apply and curtailments to no more than the Customer's Non-Curtailable Demand will be required for the remainder of such period.

In the event a Customer elects to curtail irrespective of the availability of additional energy purchased by the Company and does not exceed his Non-Curtailable Demand during the period for which curtailment would have otherwise been requested, the Customer will incur no responsibility for the payment of any additional cost of such energy.

7. If the Customer increases his power requirements in any manner which requires the Company to install additional facilities for the specific use of the Customer, a new Term of Service may be required at the Company's option.
8. The Company will furnish service under this rate at a single voltage. Any equipment to supply additional voltages or any additional facilities for the use of the Customer shall be furnished and maintained by the Customer. At its option, the Company may furnish, install and maintain such additional equipment upon request of the Customer, in which event an additional monthly charge will be made at the rate of 1.67% times the installed cost of such additional equipment.
9. Customers taking service under this curtailable rate schedule who desire to transfer to a firm rate schedule will be required to give the Company written notice at least sixty (60) months prior to such transfer. Such notice shall be irrevocable unless the Company or the Customer receives waiver of this Special Provision No. 9 from the Florida Public Service Commission.
10. Where all or a part of the facilities of a customer receiving service under this rate schedule are designated by the appropriate governmental agency for use as a public shelter during periods of emergency or natural disaster, the Company shall not curtail service to the Customer during such periods; provided however, that the Company receives notice of the facilities' use as a public shelter sufficiently in advance to permit the deactivation of automatic devices.



### RATE SCHEDULE CS-2 CURTAILABLE GENERAL SERVICE

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, for light and power purposes where the average billing demand is 500 kW or more, and where the Customer agrees to curtail 25% of their average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection for twelve (12) months).

**Character of Service:**

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Standby or resale service not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate Per Month:**
**Customer Charge:**

Secondary Metering Voltage:	\$ 76.70
Primary Metering Voltage:	\$213.00
Transmission Metering Voltage:	\$795.00

<b>Demand Charge:</b>	\$ 6.43 <del>5.80</del> per kW of Billing Demand
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<b>Curtailable Demand Credit:</b>	\$ 4.50 <del>2.12</del> per kW of Load Factor Adjusted Demand
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**Energy Charge:**

Non-Fuel Energy Charge:	4.082 <del>1.320</del> ¢ per kWh
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plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.105

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 10/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)





## RATE SCHEDULE CS-2 CURTAILABLE GENERAL SERVICE (Continued from Page No. 1)

### Determination of Billing Demand:

The billing demand shall be the maximum 30-minute kW demand established during the current billing period, but not less than 500 kW. The minimum billing demand of 500 kW shall not apply to those customers having a maximum 30-minute measured demand of less than 500 kW during the monthly billing period ending.

### Determination of Load Factor Adjusted Demand:

The Load Factor Adjusted Demand shall be the difference, if any, between the current Billing Demand and the contract Non-Curtailable Demand determined in accordance with Special Provision No. 2 of this rate times the customers billing load factor (ratio of billing kWh to billing kW times the number of hours in the billing period). In no event shall the Curtailable Demand be less than zero.

### Delivery Voltage Credit:

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$0.300.38 per kW of Billing Demand
For Transmission Delivery Voltage:	\$0.690.89 per kW of Billing Demand

### Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charge, Curtailable Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

### Power Factor:

Bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

### Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

### Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge, and the Demand Charge for the current billing period.

Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

### Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

### Term of Service:

Service under this rate shall be for a minimum initial term of two (2) years from the commencement of service, and shall continue thereafter until terminated by either party by written notice sixty (60) days prior to termination.

(Continued on Page No. 3)

**RATE SCHEDULE CS-2  
CURTAILABLE GENERAL SERVICE**  
(Continued from Page No. 2)

**Special Provisions:**

1. As used in this rate schedule, the term "period of requested curtailment" shall mean a period for which the Company has requested curtailment and for which energy purchased from sources outside the Company's system, pursuant to Special Provision No. 6, is not available. If such energy can be purchased, the terms of Special Provision No. 6 will apply and a period of requested curtailment will not be deemed to exist while such energy remains available.
2. Under the provisions of this rate, the Company will require a contract with the Customer upon the Company's filed standard contract Form No. 2. An initial Non-Curtailable Demand shall be specified in the contract and shall be based on specifications for power requirements supplied to the Company. (Note: the initial contract Non-Curtailable Demand cannot be set any greater than 75% of the Customer's average monthly billing demand in accordance with the Applicable Clause of this rate schedule). The contract Non-Curtailable Demand shall be re-established under the following conditions:
  - (a) If a change in the Customer's power requirements occurs, the Company and the Customer shall establish a new contract Non-Curtailable Demand.
  - (b) If the Customer establishes a demand higher than the contract Non-Curtailable demand during any period of requested curtailment in the billing period, such higher demand shall become the contract Non-Curtailable Demand effective with the next billing period. In addition, Special Provision No. 5 is applicable.
  - (c) If the Customer establishes a demand lower than the contract Non-Curtailable demand during all periods of requested curtailment in the billing period, such lower demand upon request by the Customer shall become the contract Non-Curtailable Demand effective with the next billing period.
  - (d) If the Customer's contract Non-Curtailable Demand exceeds 75% of the Customer's average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection of twelve (12) months), the contract Non-Curtailable Demand shall be set equal to 75% of the Customer's average monthly billing demand effective with the current billing period. A re-establishment of the Customer's contract Non-Curtailable Demand under this condition shall supersede any other establishment.
3. As an essential requirement for receiving the Curtailable Demand Credit provided under this rate schedule, a Customer shall be strictly responsible for the curtailment of his power requirements to no more than his contract Non-Curtailable Demand upon each request of the Company. Such requests will normally be made during periods of capacity shortages on the Company's system; however, other operating contingencies may result in such requests at other times. The Company shall also have the right to request at least one additional curtailment each calendar year irrespective of capacity availability or operating conditions.
4. A customer will be deemed to have complied with his curtailment responsibility if the maximum 30-minute kW demand established during each period of requested curtailment does not exceed his contract Non-Curtailable Demand.
5. If the maximum 30-minute kW demand established during a requested curtailment in the billing period exceeds the Customer's contract Non-Curtailable Demand, the Customer will be billed the following additional charge for all billing periods from the most recent prior billing period of requested curtailment through the current billing period, not to exceed a total of twelve (12) billing periods:

1.25 times the difference in Demand and Energy Charges which would result under Rate Schedule GSD-1 and those Demand and Energy Charges calculated under this rate schedule plus the difference between ECCR and CCR of this rate schedule and GSD-1. This calculation shall be exclusive of any additional charges rendered under Special Provision No. 6 of this rate schedule.

(Continued on Page 4)



**RATE SCHEDULE CS-2  
CURTAILABLE GENERAL SERVICE**  
(Continued from Page No. 3)

**Special Provisions: (Continued)**

6. To minimize the frequency and duration of curtailments requested under this rate schedule, the Company will attempt to purchase additional energy, if available, from sources outside the Company's system during periods for which curtailment would otherwise be requested. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. Any energy associated with curtailable loads used during these periods will be subject to the additional charges set forth in the second paragraph of this provision. Customers may avoid these higher charges by curtailing their usage during such periods to no more than their established Non-Curtailable Demand pursuant to the third paragraph of these provisions.

In the event a Customer elects not to curtail, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh, for all consumption above the Customer's Non-Curtailable Demand during the period for which curtailment would have otherwise been requested. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CS-1, CST-1, IS-2, IST-2, CST-2, SS-2, and SS-3 during the corresponding calendar month. If, for any reason during such period, the Customer is notified that the energy purchased from outside sources is no longer available, the terms of this Special Provision will cease to apply and curtailments to no more than the Customer's Non-Curtailable Demand will be required for the remainder of such period.

In the event a Customer elects to curtail irrespective of the availability of additional energy purchased by the Company and does not exceed his Non-Curtailable Demand during the period for which curtailment would have otherwise been requested, the Customer will incur no responsibility for the payment of any additional cost of such energy.

7. If the Customer increases his power requirements in any manner which requires the Company to install additional facilities for the specific use of the Customer, a new Term of Service may be required at the Company's option.
8. The Company will furnish service under this rate at a single voltage. Any equipment to supply additional voltages or any additional facilities for the use of the Customer shall be furnished and maintained by the Customer. At its option, the Company may furnish, install and maintain such additional equipment upon request of the Customer, in which event an additional monthly charge will be made at the rate of 1.67% times the installed cost of such additional equipment.
9. Customers taking service under this curtailable rate schedule who desire to transfer to a firm rate schedule will be required to give the Company written notice at least thirty-six (36) months prior to such transfer. Such notice shall be irrevocable unless the Company and the Customer shall mutually agree to void the revocation.
10. Service under this rate is not available if all or a part of the customer's load is designated by the appropriate governmental agency for use at a public shelter during periods of emergency or natural disaster.

**RATE SCHEDULE CST-1  
 CURTAILABLE GENERAL SERVICE  
 OPTIONAL TIME-OF-USE RATE  
 (Closed to New Customers as of 04/16/96)**

**RESERVED FOR FUTURE USE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

At the option of the Customer, to customers otherwise eligible for service under Rate Schedule CS-1, provided that all of the electric load requirements on the Customer's premises are metered through one point of delivery.

**Character of Service:**

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Standby or resale service not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate per Month:**
**Customer Charge:**

Secondary Metering Voltage:	\$ 76.70
Primary Metering Voltage:	\$213.00
Transmission Metering Voltage:	\$795.00

**Demand Charges:**

Base Demand Charge:	\$ 0.91 per kW of Base Demand
On-Peak Demand Charge:	\$ 5.16 per kW of On-Peak Demand

<b>Curtailable Demand Credit:</b>	<b>\$ 2.33 per kW of Curtailable Demand</b>
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**Energy Charge:**

Non-Fuel Energy Charge:	2.014¢ per On-Peak kWh
	0.580¢ per Off-Peak kWh

plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

(Continued on Page No. 2)



**RATE SCHEDULE CST-1  
CURTAILABLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 1)

**RESERVED FOR FUTURE USE**

**Rating Periods:**

(a) ~~On-Peak Periods~~ The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

(1) For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and  
6:00 p.m. to 10:00 p.m.

(2) For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(b) ~~Off-Peak Periods~~ The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

**Determination of Billing Demands:**

The billing demands shall be the following:

The Base Demand shall be the maximum 30-minute kW demand established during the current billing month.

The On-Peak Demand shall be the maximum 30-minute kW demand established during designated On-Peak Periods during the current billing month.

**Determination of Curtailable Demand:**

The Curtailable Demand shall be the difference, if any, between the current On-Peak Demand and the contract Non-Curtailable Demand determined in accordance with Special Provision No. 2 of this rate. In no event shall the Curtailable Demand be less than zero.

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Base Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage: \$0.30 per kW of Billing Demand  
For Transmission Delivery Voltage: \$0.60 per kW of Billing Demand

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charges, Curtailable Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

Bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

**Additional Charges:**

Fuel Cost Recovery Factor: See Sheet No. 6.105

Gross Receipts Tax Factor: See Sheet No. 6.106

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**RATE SCHEDULE CST-1**  
**CURTAILABLE GENERAL SERVICE**  
**OPTIONAL TIME-OF-USE RATE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 2)

**RESERVED FOR FUTURE USE**

**Additional Charges: (Continued)**

Right-of-Way Utilization Fee: \_\_\_\_\_ See Sheet No. 6.106  
Municipal Tax: \_\_\_\_\_ See Sheet No. 6.106  
Sales Tax: \_\_\_\_\_ See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge.

Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on the bill at Company-designated locations.

**Term of Service:**

For customers electing to take service hereunder in lieu of the otherwise applicable Rate Schedule CS-1, the term of service requirements under this optional rate schedule shall be the same as that required under Rate Schedule CS-1 provided, however, at a given location the Customer shall have the right during the initial term of service to transfer to the otherwise applicable Rate Schedule CS-1 at any time. It is further provided, however, that any such customer who subsequently re-elects to take service hereunder at the same location shall be required to remain on the optional rate at that location for a minimum term of twelve (12) months.

**Special Provisions:**

As used in this rate schedule, the term "period of requested curtailment" shall mean a period for which the Company has requested curtailment and for which energy purchased from sources outside the Company's system, pursuant to Special Provision No. 6, is not available. If such energy can be purchased, the terms of Special Provision No. 6 will apply and a period of requested curtailment will not be deemed to exist while such energy remains available.

Under the provisions of this rate, the Company will require a contract with the Customer upon the Company's filed standard contract Form No. 2. An initial Non-Curtailable Demand shall be specified in the contract and shall be based on specifications for power requirements supplied to the Company. (Note: the initial contract Non-Curtailable Demand cannot be set any greater than 75% of the Customer's average monthly billing demand in accordance with the Applicable Clause of Rate Schedule CS-1). The contract Non-Curtailable Demand shall be re-established under the following conditions:

If a change in the Customer's power requirements occurs, the Company and the Customer shall establish a new contract Non-Curtailable Demand.

If the Customer establishes a demand higher than the contract Non-Curtailable demand during any period of requested curtailment in the billing period, such higher demand shall become the contract Non-Curtailable Demand effective with the next billing period. In addition, Special Provision No. 5 is applicable.

If the Customer establishes a demand lower than the contract Non-Curtailable demand during all periods of requested curtailment in the billing period, such lower demand upon request by the Customer shall become the contract Non-Curtailable Demand effective with the next billing period.

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**RATE SCHEDULE CST-1  
CURTAILABLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 3)

**RESERVED FOR FUTURE USE**

**Special Provisions: (Continued)**

If the Customer's contract Non-Curtailable Demand exceeds 75% of the Customer's average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection of twelve (12) months), the contract Non-Curtailable Demand shall be set equal to 75% of the Customer's average monthly billing demand effective with the current billing period. A re-establishment of the Customer's contract Non-Curtailable Demand under this condition shall supersede any other establishment.

As an essential requirement for receiving the Curtailable Demand Credit provided under this rate schedule, a Customer shall be strictly responsible for the curtailment of his power requirements to no more than his contract Non-Curtailable Demand upon each request of the Company. Such requests will normally be made during periods of capacity shortages on the Company's system; however, other operating contingencies may result in such requests at other times. The Company shall also have the right to request one additional curtailment each calendar year irrespective of capacity availability or operating conditions.

A Customer will be deemed to have complied with his curtailment responsibility if the maximum 30-minute kW demand established during each period of requested curtailment does not exceed his contract Non-Curtailable Demand.

If the maximum 30-minute kW demand established during a requested curtailment in the billing period exceeds the Customer's contract Non-Curtailable Demand, the Customer will be billed the following additional charge for all billing periods from the most recent prior billing period of requested curtailment through the current billing period, not to exceed a total of twelve (12) billing periods:

1.25 times the difference in Demand and Energy Charges which would result under Rate Schedule GSST-1 and these Demand and Energy Charges calculated under this rate schedule. This calculation shall be exclusive of any additional charges rendered under Special Provision No. 6 of this rate schedule.

To minimize the frequency and duration of curtailments requested under this rate schedule, the Company will attempt to purchase additional energy, if available, from sources outside the Company's system during periods for which curtailment would otherwise be requested. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. Any energy associated with curtailable loads used during these periods will be subject to additional charges set forth in the second paragraph of this provision. Customers may avoid these higher charges by curtailing their usage during such periods to no more than their established Non-Curtailable Demand pursuant to the third paragraph of these provisions.

In the event a Customer elects not to curtail, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh, for all consumption above the Customer's Non-Curtailable Demand during the period for which curtailment would have otherwise been requested. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CS-1, SS-2, and SS-3 during the corresponding calendar month. If, for any reason during such period, the Customer is notified that the energy purchased from outside sources is no longer available, the terms of this Special Provision will cease to apply and curtailments to no more than the Customer's Non-Curtailable Demand will be required for the remainder of such period.

In the event a Customer elects to curtail irrespective of the availability of additional energy purchased by the Company and does not exceed his Non-Curtailable Demand during the period for which curtailment would have otherwise been requested, the Customer will incur no responsibility for the payment of any additional cost of such purchased energy.

If the Customer increases his power requirements in any manner which requires the Company to install additional facilities for the specific use of the Customer, a new Term of Service may be required at the Company's option.

The Company will furnish service under this rate at a single voltage. Any equipment to supply additional voltages or any additional facilities for the use of the Customer shall be furnished and maintained by the Customer. At its option, the Company may furnish, install, and maintain such additional equipment upon request of the Customer, in which event an additional monthly charge will be made at the rate of 1.67% times the installed cost of such additional equipment.

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**RATE SCHEDULE CST-1  
CURTAILABLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 4)

**RESERVED FOR FUTURE USE**

**Special Provisions: (Continued)**

~~Customers taking service under this curtailable rate schedule who desire to transfer to a firm rate schedule will be required to give the Company written notice at least sixty (60) months prior to such transfer. Such notice shall be irrevocable unless the Company or the Customer receives waiver of this Special Provision No. 9 from the Florida Public Service Commission.~~

~~Where all or a part of the facilities of a customer receiving service under this rate schedule are designated by the appropriate governmental agency for use as a public shelter during periods of emergency or natural disaster, the Company shall not curtail service to the Customer during such periods; provided however, that the Company receives notice of the facilities' use as a public shelter sufficiently in advance to permit the deactivation of automatic interruption devices.~~





## RATE SCHEDULE CST-2 CURTAILABLE GENERAL SERVICE OPTIONAL TIME OF USE RATE

### Availability:

Available throughout the entire territory served by the Company.

### Applicable:

At the option of the Customer, to customers otherwise eligible for service under Rate Schedule CS-2, provided that all of the electric load requirements on the Customer's premises are metered through one point of delivery.

### Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

### Limitation of Service:

Standby or resale service not permitted hereunder. Curtailable service under this rate schedule is not subject to curtailment during any time period for economic reasons. Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to curtailable loads except under the conditions set forth in Special Provision No. 6 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate per Month:

#### Customer Charge:

Secondary Metering Voltage:	\$ 76.70
Primary Metering Voltage:	\$213.00
Transmission Metering Voltage:	\$795.00

#### Demand Charges:

Base Demand Charge:	\$ 0.91 <del>0.94</del> per kW of Base Demand
On-Peak Demand Charge:	\$ 5.46 <del>2.88</del> per kW of On-Peak Demand

Curtailable Demand Credit:	\$ 4.50 <del>2.12</del> per kW of Load Factor Adjusted Demand
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#### Energy Charge:

Non-Fuel Energy Charge:	2.014 <del>2.457</del> ¢ per On-Peak kWh
	0.580 <del>0.708</del> ¢ per Off-Peak kWh

plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
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plus Capacity Cost Recovery Factor:	See Sheet No. 6.106
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The On-Peak rate shall apply to energy use during On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

### Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, The Customer shall pay a monthly charge determined under Special Provision No. 8 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

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**RATE SCHEDULE CST-2  
CURTAILABLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE**  
(Continued from Page No. 1)

**Rating Periods:**

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and  
6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(b) **Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

**Determination of Billing Demands:**

The billing demands shall be the following:

- (a) The Base Demand shall be the maximum 30-minute kW demand established during the current billing month period, but not less than 500 kw. The minimum billing demand of 500 kw shall not apply to those customers having a maximum 30-minute measured demand of less than 500 kw during the monthly billing period ending
- (b) The On-Peak Demand shall be the maximum 30-minute kW demand established during designated On-Peak Periods during the current billing month.

**Determination of Load Factor Adjusted Demand:**

The Load Factor Adjusted Demand shall be the difference, if any, between the current Base Demand and the contract Non-Curtailable Demand determined in accordance with Special Provision No. 2 of this rate times the customers base load factor (ratio of billing kWh to billing kW times the number of hours in the billing period). In no event shall the Curtailable Demand be less than zero.

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Base Demand Charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$0.300.38 per kW of Billing Demand
For Transmission Delivery Voltage:	\$0.690.89 per kW of Billing Demand

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charges, Curtailable Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

Bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

**Additional Charges:**

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106

(Continued on Page No. 3)



**RATE SCHEDULE CST-2  
CURTAILABLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE**  
(Continued from Page No. 2)

**Additional Charges: (Continued)**

<b>Right-of-Way Utilization Fee:</b>	See Sheet No. 6.106
<b>Municipal Tax:</b>	See Sheet No. 6.106
<b>Sales Tax:</b>	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge ~~and the Demand Charge for the current billing period.~~

Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on the bill at Company-designated locations.

**Term of Service:**

For customers electing to take service hereunder in lieu of the otherwise applicable Rate Schedule CS-2, the term of service requirements under this optional rate schedule shall be the same as that required under Rate Schedule CS-2 provided, however, at a given location the Customer shall have the right during the initial term of service to transfer to the otherwise applicable Rate Schedule CS-2 at any time. It is further provided, however, that any such customer who subsequently re-elects to take service hereunder at the same location shall be required to remain on the optional rate at that location for a minimum term of twelve (12) months.

**Special Provisions:**

1. As used in this rate schedule, the term "period of requested curtailment" shall mean a period for which the Company has requested curtailment and for which energy purchased from sources outside the Company's system, pursuant to Special Provision No. 6, is not available. If such energy can be purchased, the terms of Special Provision No. 6 will apply and a period of requested curtailment will not be deemed to exist while such energy remains available.
2. Under the provisions of this rate, the Company will require a contract with the Customer upon the Company's filed standard contract Form No. 2. An initial Non-Curtailable Demand shall be specified in the contract and shall be based on specifications for power requirements supplied to the Company. (Note: the initial contract Non-Curtailable Demand cannot be set any greater than 75% of the Customer's average monthly billing demand in accordance with the Applicable Clause of Rate Schedule CS-2). The contract Non-Curtailable Demand shall be re-established under the following conditions:
  - (a) If a change in the Customer's power requirements occurs, the Company and the Customer shall establish a new contract Non-Curtailable Demand.
  - (b) If the Customer establishes a demand higher than the contract Non-Curtailable demand during any period of requested curtailment in the billing period, such higher demand shall become the contract Non-Curtailable Demand effective with the next billing period. In addition, Special Provision No. 5 is applicable.
  - (c) If the Customer establishes a demand lower than the contract Non-Curtailable demand during all periods of requested curtailment in the billing period, such lower demand upon request by the Customer shall become the contract Non-Curtailable Demand effective with the next billing period.

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**RATE SCHEDULE CST-2  
CURTAILABLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE  
(Continued from Page No. 3)**

**Special Provisions: (Continued)**

- (d) If the Customer's contract Non-Curtailable Demand exceeds 75% of the Customer's average monthly billing demand (based on the most recent twelve (12) months or, where not available, a projection of twelve (12) months), the contract Non-Curtailable Demand shall be set equal to 75% of the Customer's average monthly billing demand effective with the current billing period. A re-establishment of the Customer's contract Non-Curtailable Demand under this condition shall supersede any other establishment.
3. As an essential requirement for receiving the Curtailable Demand Credit provided under this rate schedule, a Customer shall be strictly responsible for the curtailment of his power requirements to no more than his contract Non-Curtailable Demand upon each request of the Company. Such requests will normally be made during periods of capacity shortages on the Company's system; however, other operating contingencies may result in such requests at other times. The Company shall also have the right to request at least one additional curtailment each calendar year irrespective of capacity availability or operating conditions.
4. A Customer will be deemed to have complied with his curtailment responsibility if the maximum 30-minute kW demand established during each period of requested curtailment does not exceed his contract Non-Curtailable Demand.
5. If the maximum 30-minute kW demand established during a requested curtailment in the billing period exceeds the Customer's contract Non-Curtailable Demand, the Customer will be billed the following additional charge for all billing periods from the most recent prior billing period of requested curtailment through the current billing period, not to exceed a total of twelve (12) billing periods:
 

1.25 times the difference in Demand and Energy Charges which would result under Rate Schedule GSDT-1 and those Demand and Energy Charges calculated under this rate schedule plus the difference between ECCR and CCR of this rate schedule and GSDT-1. This calculation shall be exclusive of any additional charges rendered under Special Provision No. 6 of this rate schedule.
6. To minimize the frequency and duration of curtailments requested under this rate schedule, the Company will attempt to purchase additional energy, if available, from sources outside the Company's system during periods for which curtailment would otherwise be requested. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. Any energy associated with curtailable loads used during these periods will be subject to additional charges set forth in the second paragraph of this provision. Customers may avoid these higher charges by curtailing their usage during such periods to no more than their established Non-Curtailable Demand pursuant to the third paragraph of these provisions.
 

In the event a Customer elects not to curtail, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh, for all consumption above the Customer's Non-Curtailable Demand during the period for which curtailment would have otherwise been requested. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CS-1, CST-1, IS-2, IST-2, CS-2, SS-2, and SS-3 during the corresponding calendar month. If, for any reason during such period, the Customer is notified that the energy purchased from outside sources is no longer available, the terms of this Special Provision will cease to apply and curtailments to no more than the Customer's Non-Curtailable Demand will be required for the remainder of such period.

In the event a Customer elects to curtail irrespective of the availability of additional energy purchased by the Company and does not exceed his Non-Curtailable Demand during the period for which curtailment would have otherwise been requested, the Customer will incur no responsibility for the payment of any additional cost of such purchased energy.
7. If the Customer increases his power requirements in any manner which requires the Company to install additional facilities for the specific use of the Customer, a new Term of Service may be required at the Company's option.
8. The Company will furnish service under this rate at a single voltage. Any equipment to supply additional voltages or any additional facilities for the use of the Customer shall be furnished and maintained by the Customer. At its option, the Company may furnish, install, and maintain such additional equipment upon request of the Customer, in which event an additional monthly charge will be made at the rate of 1.67% times the installed cost of such additional equipment.
9. Customers taking service under this curtailable rate schedule who desire to transfer to a firm rate schedule will be required to give the Company written notice at least thirty-six (36) months prior to such transfer. Such notice shall be irrevocable unless the Company and the Customer shall mutually agree to void the revocation.
10. Service under this rate is not available if all or a part of the customer's load is designated by the appropriate governmental agency for use at a public shelter during periods of emergency or natural disaster.



**RATE SCHEDULE IS-1  
INTERRUPTIBLE GENERAL SERVICE  
(Closed to New Customers as of 04/16/96)  
RESERVED FOR FUTURE USE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, for light and power purposes where service may be interrupted by the Company.

**Character of Service:**

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate per Month:**

**Customer Charge:**

Secondary Metering Voltage: \_\_\_\_\_ \$ 281.70  
Primary Metering Voltage: \_\_\_\_\_ \$ 418.00  
Transmission Metering Voltage: \_\_\_\_\_ \$1,000.00

Demand Charge: \_\_\_\_\_ \$ 5.18 per kW of Billing Demand

Interruptible Demand Credit: \_\_\_\_\_ \$ 3.37 per kW of Billing Demand

**Energy Charge:**

Non-Fuel Energy Charge: \_\_\_\_\_ 0.716¢ per kWh  
plus Energy Conservation Cost Recovery Factor: \_\_\_\_\_ See Sheet No. 6.105  
plus Capacity Cost Recovery Factor: \_\_\_\_\_ See Sheet No. 6.106

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

**Determination of Billing Demand:**

The Billing Demand shall be the maximum 30-minute kW demand established during the billing period.

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Demand charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage: \_\_\_\_\_ \$0.30 per kW of Billing Demand  
For Transmission Delivery Voltage: \_\_\_\_\_ \$0.69 per kW of Billing Demand

(Continued on Page No. 2)



**RATE SCHEDULE IS-1  
INTERRUPTIBLE GENERAL SERVICE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 1)

**RESERVED FOR FUTURE USE**

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charge, Interruptible Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

For Customers with measured demands of 1,000 kW or more for three (3) or more months out of the twelve (12) consecutive months ending with the current billing period, bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

**Additional Charges:**

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge and the Demand Charge for the current billing demand. Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Service under this rate shall be for a minimum initial term of five (5) years from the commencement of service, and shall continue thereafter until terminated by either party by written notice sixty (60) days prior to termination.

**Special Provisions:**

When the Customer increases the electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required under this rate at the option of the Company.

Customers taking service under another Company rate schedule who elect to transfer to this rate will be accepted by the Company on a first-come, first-served basis. Required equipment (metering, under-frequency relay, etc.) will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation.

The Company may, under the provisions of this rate, at its option, require a special contract with the Customer upon the Company's filed contract form.

The Company will attempt to minimize interruption hereunder by purchasing power and energy from other sources during periods of normal interruption. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. When the Company is successful in making such purchases, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IST-1, CS-1, CST-1, SS-2, and SS-3 during the corresponding calendar month.

(Continued on Page No. 3)





**RATE SCHEDULE IS-1**  
**INTERRUPTIBLE GENERAL SERVICE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 2)

**RESERVED FOR FUTURE USE**

**Special Provisions (Continued)**

In the event a Customer elects to interrupt irrespective of the availability of additional energy purchased by the Company during the period for which interruption would have otherwise occurred, the Customer will incur no responsibility for the payment of any additional cost of such energy.

The Company will furnish service under this rate at dual voltages for substation delivery or a single voltage for distribution primary line delivery. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.

Customers taking service under this interruptible rate schedule who desire to transfer to a non-interruptible rate schedule will be required to give the Company written notice at least sixty (60) months prior to such transfer. Such notice shall be irrevocable unless the Company and the Customer shall mutually agree to void the revocation.

Where all or a part of the facilities of a customer receiving service under this rate schedule are designated by the appropriate governmental agency for use as a public shelter during periods of emergency or natural disaster, the Company shall not interrupt service to the Customer during such periods; provided however, that the Company receives notice of the facilities' use as a public shelter sufficiently in advance to permit the deactivation of automatic interruption devices.



**RATE SCHEDULE IS-2  
INTERRUPTIBLE GENERAL SERVICE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, for light and power purposes where the average-billing demand is 500 kW or more, and where service may be interrupted by the Company.

**Character of Service:**

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate per Month:**

**Customer Charge:**

Secondary Metering Voltage:	\$ 281.70
Primary Metering Voltage:	\$ 418.00
Transmission Metering Voltage:	\$ 1,000.00

<b>Demand Charge:</b>	\$ 5.483.80 per kW of Billing Demand
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<b>Interruptible Demand Credit:</b>	\$ 2.862.82 per kW of Load Factor Adjusted Demand
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**Energy Charge:**

Non-Fuel Energy Charge:	0.746 1.295¢ per kWh
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plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

**Determination of Billing Demand:**

The Billing Demand shall be the maximum 30-minute kW demand established during the billing period, but not less than 500 kw. The minimum billing demand of 500 kw shall not apply to those customers having a maximum 30-minute measured demand of less than 500 kw during the monthly billing period ending

**Determination of Load Factor Adjusted Demand:**

The Load Factor Adjusted Demand shall be the product of the Customer's Billing Demand and the Customer's Billing Load Factor (ratio of kWh to billing kW times the number of hours in the billing period).

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Demand charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$0.30 38 per kW of Billing Demand
For Transmission Delivery Voltage:	\$0.69 89 per kW of Billing Demand

(Continued on Page No. 2)





## RATE SCHEDULE IS-2 INTERRUPTIBLE GENERAL SERVICE (Continued from Page No. 1)

### Metering Voltage Adjustment:

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charge, Interruptible Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

### Power Factor:

Bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

### Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

### Minimum Monthly Bill:

The minimum monthly bill shall be the Customer Charge and the Demand Charge for the current billing-demand period. Where special equipment to serve the Customer is required, the Company may require a specified minimum charge.

### Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

### Term of Service:

Service under this rate shall be for a minimum initial term of five (5) years from the commencement of service, and shall continue thereafter until terminated by either party by written notice sixty (60) days prior to termination.

### Special Provisions:

1. When the Customer increases the electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required under this rate at the option of the Company.
2. Customers taking service under another Company rate schedule who elect to transfer to this rate will be accepted by the Company on a first-come, first-served basis. Required equipment (metering, under-frequency relay, etc.) will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation. Before commencement of service under this rate, the Company shall exercise an interruption for purposes of testing its equipment. The Company shall also have the right to exercise at least one additional interruption each calendar year irrespective of capacity availability or operating conditions. The Company will give the Customer notice of the test.
3. The Company may, under the provisions of this rate, at its option, require a special contract with the Customer upon the Company's filed contract form.
4. The Company will attempt to minimize interruption hereunder by purchasing power and energy from other sources during periods of normal interruption. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. When the Company is successful in making such purchases, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CS-1, CST-1, IST-2, CS-2, CST-2, SS-2, and SS-3 during the corresponding calendar month.

(Continued on Page No. 3)



**RATE SCHEDULE IS-2  
INTERRUPTIBLE GENERAL SERVICE**  
(Continued from Page No. 2)

**Special Provisions (Continued)**

In the event a Customer elects to interrupt irrespective of the availability of additional energy purchased by the Company during the period for which interruption would have otherwise occurred, the Customer will incur no responsibility for the payment of any additional cost of such energy.

5. The Company will furnish service under this rate at dual voltages for substation delivery or a single voltage for distribution primary line delivery. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
6. Customers taking service under this interruptible rate schedule who desire to transfer to a non-interruptible rate schedule will be required to give the Company written notice at least thirty-six (36) months prior to such transfer. Such notice shall be irrevocable unless the Company and the Customer shall mutually agree to void the revocation.
7. Service under this rate is not available if all or a part of the customer's load is designated by the appropriate governmental agency for use at a public shelter during periods of emergency or natural disaster.



**RATE SCHEDULE IS-1  
INTERRUPTIBLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE**  
(Closed to New Customers as of 04/16/96)  
**RESERVED FOR FUTURE USE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

At the option of the Customer, to customers otherwise eligible for service under Rate Schedule IS-1, provided that the total electric load requirements at each point of delivery are measured through one meter.

**Character of Service:**

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate per Month:**

**Customer Charge:**

Secondary Metering Voltage: \$ 281.70  
Primary Metering Voltage: \$ 418.00  
Transmission Metering Voltage: \$ 1,000.00

**Demand Charge:**

Base Demand Charge: \$ 0.82 per kW of Base Demand  
On Peak Demand Charge: \$ 4.53 per kW of On Peak Demand

Interruptible Demand Credit: \$ 3.37 per kW of On Peak Demand

**Energy Charge:**

Non-Fuel Energy Charge: 1.016¢ per On Peak kWh  
0.580¢ per Off Peak kWh

plus Energy Conservation Cost Recovery Factor: See Sheet No. 6.105

plus Capacity Cost Recovery Factor: See Sheet No. 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

**Rating Periods:**

(a) **On-Peak Periods** The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

(1) For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and 6:00 p.m. to 10:00 p.m.

(2) For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.



**RATE SCHEDULE IST-1  
INTERRUPTIBLE GENERAL SERVICE  
OPTIONAL TIME-OF-USE RATE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 1)

**RESERVED FOR FUTURE USE**

**Rating Periods: (Continued)**

(b) ~~Off-Peak Periods~~ - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

**Determination of Billing Demands:**

The billing demands shall be the following:

The Base Demand shall be the maximum 30-minute kW demand established during the current billing month.

The On-Peak Demand shall be the maximum 30-minute kW demand established during designated On-Peak Periods during the current billing month.

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Base Demand charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$0.30 per kW of Billing Demand
For Transmission Delivery Voltage:	\$0.60 per kW of Billing Demand

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charges, Interruptible Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

For Customers with measured demands of 1,000 kW or more for three (3) or more months out of the twelve (12) consecutive months ending with the current billing period, bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

**Additional Charges:**

<b>Fuel Cost Recovery Factor:</b>	See Sheet No. 6.105
<b>Gross Receipts Tax Factor:</b>	See Sheet No. 6.106
<b>Right-of-Way Utilization Fee:</b>	See Sheet No. 6.106
<b>Municipal Tax:</b>	See Sheet No. 6.106
<b>Sales Tax:</b>	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

(Continued on Page No. 3)



**RATE SCHEDULE IST-1  
INTERRUPTIBLE GENERAL SERVICE  
OPTIONAL TIME-OF-USE RATE**  
(Closed to New Customers as of 04/16/96)  
(Continued from Page No. 2)

**RESERVED FOR FUTURE USE**

**Term of Service:**

For customers electing to take service hereunder in lieu of the otherwise applicable Rate Schedule IS-1, the term of service requirements under this optional rate schedule shall be the same as that required under Rate Schedule IS-1 provided, however, at a given location the Customer shall have the right during the initial term of service to transfer to the otherwise applicable Rate Schedule IS-1 at any time. It is further provided, however, that any such customer who subsequently re-elects to take service hereunder at the same location shall be required to remain on the optional rate at that location for a minimum term of twelve (12) months.

**Special Provisions:**

When the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required under this rate at the option of the Company.

Customers taking service under another Company rate schedule who elect to transfer to this rate will be accepted by the Company on a first-come, first-served basis. Required equipment (metering, under frequency relay, etc.) will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation.

The Company may, under the provisions of this rate, at its option, require a special contract with the Customer upon the Company's filed contract form.

The Company will attempt to minimize interruption hereunder by purchasing power and energy from other sources during periods of normal interruption. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. When the Company is successful in making such purchases, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, CS-1, CST-1, SS-2, and SS-3 during the corresponding calendar month.

In the event a Customer elects to interrupt irrespective of the availability of additional energy purchased by the Company during the period for which interruption would have otherwise occurred, the Customer will incur no responsibility for the payment of any additional cost of such energy.

The Company will furnish service under this rate at dual voltages for substation delivery or a single voltage for distribution primary line delivery. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.

Customers taking service under this interruptible rate schedule who desire to transfer to a non-interruptible rate schedule will be required to give the Company written notice at least sixty (60) months prior to such transfer. Such notice shall be irrevocable unless the Company and the Customer shall mutually agree to void the revocation.

5. Where all or a part of the facilities of a customer receiving service under this rate schedule are designated by the appropriate governmental agency for use as a public shelter during periods of emergency or natural disaster, the Company shall not interrupt service to the Customer during such periods; provided however, that the Company receives notice of the facilities' use as a public shelter sufficiently in advance to permit the deactivation of automatic interruption devices.



## RATE SCHEDULE IST-2 INTERRUPTIBLE GENERAL SERVICE OPTIONAL TIME OF USE RATE

### Availability:

Available throughout the entire territory served by the Company.

### Applicable:

At the option of the Customer, to customers otherwise eligible for service under Rate Schedule IS-2, provided that the total electric load requirements at each point of delivery are measured through one meter.

### Character of Service:

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

### Limitation of Service:

Standby or resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 4 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate per Month:

#### Customer Charge:

Secondary Metering Voltage:	\$ 281.70
Primary Metering Voltage:	\$ 418.00
Transmission Metering Voltage:	\$ 1,000.00

#### Demand Charge:

Base Demand Charge:	\$ 0.820.94 per kW of Base Demand
On-Peak Demand Charge:	\$ 4.532.86 per kW of On-Peak Demand
Interruptible Demand Credit:	\$ 2.862.82 per kW of Load Factor Adjusted Demand

#### Energy Charge:

Non-Fuel Energy Charge:	4.0462.593¢ per On-Peak kWh
	0.5800.708¢ per Off-Peak kWh

plus Energy Conservation Cost Recovery Factor: See Sheet No. 6.105

plus Capacity Cost Recovery Factor: See Sheet No. 6.106

The On-Peak rate shall apply to energy used during designated On-Peak Periods. The Off-Peak rate shall apply to all other energy use.

### Premium Distribution Service Charge:

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 5 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Base Demand Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

### Rating Periods:

(a) **On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- (1) For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and 6:00 p.m. to 10:00 p.m.
- (2) For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

(Continued on Page No. 2)



**RATE SCHEDULE IST-2  
INTERRUPTIBLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE  
(Continued from Page No. 1)**

**Rating Periods: (Continued)**

- (b) **Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth in (a) above.

**Determination of Billing Demands:**

The billing demands shall be the following:

- (a) The Base Demand shall be the maximum 30-minute kW demand established during the current billing month, but not less than 500 kw. The minimum billing demand of 500 kw shall not apply to those customers having a maximum 30-minute measured demand of less than 500 kw during the billing period ending .
- (b) The On-Peak Demand shall be the maximum 30-minute kW demand established during designated On-Peak Periods during the current billing month.

**Determination of Load Factor Adjusted Demand:**

The Load Factor Adjusted Demand shall be the product of the Customer's Base Demand and the Customer's Billing Load Factor (ratio of kWh to billing kW times the number of hours in the billing period).

**Delivery Voltage Credit:**

When a customer takes service under this rate at a delivery voltage above standard distribution secondary voltage, the Base Demand charge hereunder shall be subject to the following credit:

For Distribution Primary Delivery Voltage:	\$0.300.38 per kW of Billing Demand
For Transmission Delivery Voltage:	\$0.690.89 per kW of Billing Demand

**Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Non-Fuel Energy Charge, Demand Charges, Interruptible Demand Credit, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**Power Factor:**

For Customers with measured demands of 1,000 kW or more for three (3) or more months out of the twelve (12) consecutive months ending with the current billing period, bills computed under the above rate per month charges will be increased 22¢ for each KVAR by which the reactive demand exceeds, numerically, .62 times the measured kW demand, and will be decreased 22¢ for each KVAR by which the reactive demand is less than, numerically, .62 times the measured kW demand.

**Additional Charges:**

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge and the Demand Charge for the current billing period.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.



**RATE SCHEDULE IST-2  
INTERRUPTIBLE GENERAL SERVICE  
OPTIONAL TIME OF USE RATE**  
(Continued from Page No. 2)**Term of Service:**

For customers electing to take service hereunder in lieu of the otherwise applicable Rate Schedule IS-2, the term of service requirements under this optional rate schedule shall be the same as that required under Rate Schedule IS-2 provided, however, at a given location the Customer shall have the right during the initial term of service to transfer to the otherwise applicable Rate Schedule IS-2 at any time. It is further provided, however, that any such customer who subsequently re-elects to take service hereunder at the same location shall be required to remain on the optional rate at that location for a minimum term of twelve (12) months.

**Special Provisions:**

1. When the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required under this rate at the option of the Company.
2. Customers taking service under another Company rate schedule who elect to transfer to this rate will be accepted by the Company on a first-come, first-served basis. Required equipment (metering, under frequency relay, etc.) will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation. Before commencement of service under this rate, the Company shall exercise an interruption for purposes of testing its equipment. The Company shall also have the right to exercise at least one additional interruption each calendar year irrespective of capacity availability or operating conditions. The Company will give the Customer notice of the test.
3. The Company may, under the provisions of this rate, at its option, require a special contract with the Customer upon the Company's filed contract form.
4. The Company will attempt to minimize interruption hereunder by purchasing power and energy from other sources during periods of normal interruption. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. When the Company is successful in making such purchases, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CS-1, CST-1, IS-2, CS-2, CST-2, SS-2, and SS-3 during the corresponding calendar month.

In the event a Customer elects to interrupt irrespective of the availability of additional energy purchased by the Company during the period for which interruption would have otherwise occurred, the Customer will incur no responsibility for the payment of any additional cost of such energy.

5. The Company will furnish service under this rate at dual voltages for substation delivery or a single voltage for distribution primary line delivery. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
6. Customers taking service under this interruptible rate schedule who desire to transfer to a non-interruptible rate schedule will be required to give the Company written notice at least thirty-six (36) months prior to such transfer. Such notice shall be irrevocable unless the Company and the Customer shall mutually agree to void the revocation.
7. Service under this rate is not available if all or a part of the customer's load is designated by the appropriate governmental agency for use at a public shelter during periods of emergency or natural disaster.





**RATE SCHEDULE LS-1  
LIGHTING SERVICE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer for the sole purpose of lighting roadways or other outdoor land use areas; served from either Company or Customer owned fixtures of the type available under this rate schedule.

**Character of Service:**

Continuous dusk to dawn automatically controlled lighting service (i.e., photoelectric cell); alternating current, 60 cycle, single phase, at the Company's standard voltage available.

**Limitation of Service:**

Availability of certain fixture or pole types at a location may be restricted due to accessibility.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Rate Per Month:**

**Customer Charge:**

Unmetered: \$1.20 per line of billing  
Metered: \$3.45 per line of billing

**Energy and Demand Charge:**

Non-Fuel Energy Charge: 4.593 ~~1.746~~¢ per kWh  
plus Energy Conservation Cost Recovery Factor: See Sheet No. 6.105  
plus Capacity Cost Recovery Factor: See Sheet No. 6.106

**Per Unit Charges:**

**I. Fixtures:**

BILLING TYPE	DESCRIPTION	LAMP SIZE			CHARGES PER UNIT			TOTAL
		LUMENS	WATTS <sup>2</sup>	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY <sup>3</sup>	
	Incandescent: <sup>1</sup>							
110	Roadway	1,000	92	32	\$0.94	\$3.29	\$0.51 <del>0.56</del>	\$4.74 <del>4.79</del>
115	Roadway	2,500	189	66	1.48	3.33	1.05 <del>1.15</del>	5.86 <del>5.96</del>
<del>170</del>	<del>Post Top</del>	<del>2,500</del>	<del>208</del>	<del>74</del>	<del>18.69</del>	<del>1.21</del>	<del>1.28</del>	<del>21.16</del>
	Mercury Vapor: <sup>1</sup>							
205	Open Bottom	4,000	125	44	2.34	0.93	0.70 <del>0.77</del>	3.97 <del>4.04</del>
210	Roadway	4,000	125	44	2.70	0.93	0.70 <del>0.77</del>	4.33 <del>4.40</del>
215	Post Top	4,000	125	44	3.18	0.93	0.70 <del>0.77</del>	4.81 <del>4.88</del>
220	Roadway	8,000	203	71	3.06	0.92	1.13 <del>1.24</del>	5.11 <del>5.22</del>
<del>225</del>	<del>Open Bottom</del>	<del>8,000</del>	<del>203</del>	<del>71</del>	<del>2.29</del>	<del>0.93</del>	<del>1.24</del>	<del>4.46</del>
235	Roadway	21,000	450	158	3.70	0.95	2.52 <del>2.76</del>	7.17 <del>7.41</del>
240	Roadway	62,000	1,102	386	4.85	1.10	6.15 <del>6.74</del>	12.10 <del>12.69</del>
245	Flood	21,000	450	158	4.85	0.95	2.52 <del>2.76</del>	8.32 <del>8.56</del>
250	Flood	62,000	1,102	386	5.68	1.10	6.15 <del>6.74</del>	12.93 <del>13.52</del>

(Continued on Page No. 2)



**RATE SCHEDULE LS-1  
LIGHTING SERVICE**  
(Continued from Page No. 1)

**I. Fixture: (Continued)**

BILLING TYPE	DESCRIPTION	LAMP SIZE			CHARGES PER UNIT			
		LUMENS	WATTS <sup>2</sup>	kWh	FIXTURE	MAINTENANCE	NON-FUEL ENERGY <sup>3</sup>	TOTAL
	Sodium Vapor:							
305	Open Bottom1	4,000	60	21	\$2.032.33	\$1.28	\$0.330.37	\$3.643.98
310	Roadway1	4,000	60	21	2.492.86	1.28	0.330.37	4.104.51
313	Open Bottom1	6,500	82	29	3.843.84	1.74	0.540.51	6.095.82
314	Hometown1	9,500	121	42	3.74	1.47	0.73	5.93
315	Post Top - Colonial/Contemp1	4,000	60	21	3.784.35	1.28	0.330.37	5.396.00
316	Colonial Post Top1	4,000	97	34	3.71	1.28	0.59	5.58
318	Post Top1	9,500	121	42	2.29	1.28	0.73	4.30
320	Roadway-Overhead Only	9,500	121	42	2.522.90	1.28	0.670.73	4.474.91
321	Deco Post Top - Monticello	9,500	140	49	10.89	1.47	0.940.86	13.2713.22
322	Deco Post Top - Flagler	9,500	140	49	14.86	1.47	0.940.86	17.2417.19
323	Roadway-Turtle OH Only	9,500	121	42	3.96	1.47	0.73	6.16
325	Roadway-Overhead Only	16,000	185	65	2.623.01	1.30	1.041.13	4.965.44
326	Deco Post Top - Sanibel	9,500	140	49	15.13	1.47	0.86	17.46
330	Roadway-Overhead Only	22,000	249	87	2.903.34	1.32	1.391.52	5.646.18
335	Roadway	27,500	297	104	2.883.31	1.32	1.661.82	5.866.45
336	Roadway-Bridge1	27,500	297	104	6.18	1.32	1.82	9.32
337	Roadway-DOT1	27,500	297	104	5.38	1.32	1.82	8.52
338	Deco Roadway-Maitland1	27,500	297	104	8.70	1.47	1.82	11.99
339	Deco Roadway-Maitland1	50,000	482	169	9.38	1.47	2.95	13.78
340	Roadway-Overhead Only	50,000	482	169	3.494.01	1.33	2.692.95	7.518.29
341	HPS Flood-Sebring1	16,000	185	65	3.72	1.33	1.13	6.17
342	Roadway-Turnpike1	50,000	479	168	7.57	1.27	2.93	11.77
343	Roadway-Turnpike1	27,500	309	108	7.42	1.22	1.89	10.53
345	Flood-Overhead Only	27,500	293	103	3.724.28	1.32	1.641.80	6.687.40
346	Deco Post Top-Ocala1	9,500	140	49	8.74	1.47	0.86	11.07
350	Flood-Overhead Only	50,000	485	170	3.894.47	1.33	2.712.97	7.938.77
351	Underground Roadway	9,500	121	42	4.96	1.28	0.73	6.97
352	Underground Roadway	16,000	185	65	6.95	1.30	1.13	9.38
353	Underground Roadway	22,000	249	87	7.44	1.32	1.52	10.28
354	Underground Roadway	27,500	309	108	7.42	1.32	1.89	10.63
356	Underground Roadway	50,000	479	168	7.81	1.33	2.93	12.07
357	Underground Flood	27,500	309	108	8.09	1.32	1.89	11.30
358	Underground Flood	50,000	479	168	8.19	1.33	2.93	12.45
359	Underground Turtle Rwy	9,500	121	42	5.58	1.47	0.73	7.78
360	Deco Roadway Rect1	9,500	134	47	8.689.98	1.28	.750.82	40.7412.08
365	Deco Roadway Rectangular	27,500	309	108	8.689.98	1.32	1.721.89	11.7213.19
366	Deco Roadway Rect	50,000	479	168	9.98	1.32	2.93	14.23
370	Deco Roadway Round	27,500	309	108	40.6812.28	1.32	1.721.89	43.7215.49
375	Deco Roadway Round	50,000	479	168	40.6912.29	1.33	2.682.93	44.7016.55
380	Deco Post Top - Acorn1	9,500	141	49	6.097.00	1.28	.780.86	8.459.14
381	Deco Post Top1	9,500	140	49	3.71	1.28	0.86	5.85
383	Deco Post Top-Biscayne	9,500	140	49	11.9912.76	1.28	.910.86	14.4814.90
385	Deco Post Top - Salem	9,500	141	49	6.745.96	1.28	.780.86	7.808.10
393	Deco Post Top1	4,000	60	21	7.00	1.28	0.37	8.65
394	Deco Post Top1	9,500	140	49	16.64	1.40	0.86	18.90
	Metal Halide							
327	Deco Post Top-MH Sanibel	12,000	211	74	15.34	1.47	1.29	18.10
371	MH Deco Rectangular	38,000	454	159	12.78	3.08	2.78	18.64
373	MH Deco Circular	38,000	454	159	15.12	3.08	2.78	20.98
375	MH Deco Rectangulars	170,000	1080	378	12.73	4.75	6.60	24.08
386	MH Flood 5	110,000	1080	378	11.86	4.75	6.60	23.21
389	MH Flood-Sportlighters	110,000	1080	378	11.92	4.75	6.60	23.27
390	MH Deco Cube	38,000	454	159	15.04	3.08	2.78	20.90
396	Deco PT MH Sanibel Duals	24,000	423	148	29.97	6.14	2.58	38.69
397	MH Post Top-Biscayne	12,000	211	74	12.85	3.07	1.29	17.21
398	MH Deco Cube5	110,000	1080	378	18.28	4.75	6.60	29.63
399	MH Flood	38,000	454	159	9.89	3.08	2.78	15.75

(Continued on Page 3)



**RATE SCHEDULE LS-1  
LIGHTING SERVICE**  
(Continued from Page No. 2)

**II. Poles:**

BILLING TYPE	DESCRIPTION	CHARGES PER UNIT
425	Wood, 14' Laminated - Overhead Only	\$1.60 1.82
420	Wood, 30/35' - Overhead Only	4.60 1.68
480	Wood, 40/45' - Overhead Only	3.57 1.28
415	Concrete, Curved1	4.37
450	Concrete, 1/2 Special	1.60
410	Concrete, 15' 1	2.12
405	Concrete, 30/35'	3.22 3.86
406	16' Deco Conc - Single Sanibel	8.93
407	16' Deco Conc - Double Sanibel	9.63
408	26' Aluminum DOT Style Pole	38.10
409	36' Aluminum DOT Style Pole	48.25
411	16' Octagonal Conc1	2.00
412	32' Octagonal Deco Conc	12.44
413	25' Tenon Top Concrete	9.09
466	16' Deco Con Vic II - Dual Mount	13.79
467	16' Deco Conc Washington - Dual	20.73
468	16' Deco Conc Colonial - Dual M	10.19
471	22' Deco Conc	11.45
472	22' Deco Conc Single Sanibel	12.24
473	22' Deco Conc Double Sanibel	13.18
474	22' Deco Conc Double Mount	14.31
476	25' Tenon Top Bronze Concrete	13.39
477	30' Tenon Top Bronze Concrete	14.52
478	35' Tenon Top Bronze Concrete	16.06
479	41' Tenon Top Bronze Concrete	19.40
485	Concrete, 40/45' - Overhead Only	8.82
435	Aluminum, Type A1	6.04
439	Black Fiberglass 16	18.13
440	Aluminum, Type B1	6.72
445	Aluminum, Type C1	13.13
455	Steel, Type A1	3.77
460	Steel, Type B1	4.04
465	Steel, Type C1	5.65
430	Fiberglass, 14', Black1	4.60 1.92
437	Fiberglass, 16', Black, Fluted, Dual Mount1	20.11
449	Deco Fiberglass, 16', Black, Fluted, Anchor Base1	15.90
436	Deco Fiberglass, 16', Black, Fluted1	17.87
438	Deco Fiberglass, 20', Black1	5.36
434	Deco Fiberglass, 20', Black, Deco Base 1	11.22
446	Deco Fiberglass, 30', Bronze1	10.60
433	Deco Fiberglass, 35', Bronze1	40.48 10.84
432	Deco Fiberglass, 35', Bronze, Anchor Base1	25.19
428	Deco Fiberglass, 35', Bronze, Reinforced1	17.51
447	Deco Fiberglass, 35', Silver, Anchor Base1	19.61
431	Deco Fiberglass, 41', Bronze1	43.70 14.32
429	Deco Fiberglass, 41', Bronze, Reinforced1	20.07 24.08
448	Deco Fiberglass, 41', Silver1	16.50
469	35' Tenon Top Quad Flood Mount	12.23
481	30' Tenon Top Concrete, Single Flood Mount	7.76
482	30' Tenon Top Conc, Double Flood Mount/Inc Bracket	10.77
483	46' Tenon Top Conc, Triple Flood Mount/Includes Bracket	14.96
484	46' Tenon Top Conc Double Flood Mount/Includes Bracket	14.70
486	Tenon Style Concrete 46' Single Flood Mount	11.69
487	35' Tenon Top Conc, Triple Flood Mount/Includes Bracket	\$12.08
488	35' Tenon Top Conc, Double Flood Mount/Includes Bracket	11.81
489	35' Tenon Top Concrete, Single Flood Mount	8.80
490	Special Concrete 13' 1	13.49 15.94
491	30' Tenon Top Conc, Triple Flood Mount/Includes Bracket	11.04
492	16' Smooth Decorative Concrete/The Colonial	6.38 8.87
493	19' White Aluminum 1	23.71

(Continued on Page 4)



**RATE SCHEDULE LS-1  
 LIGHTING SERVICE**  
 (Continued from Page No. 3)

494	46' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures	12.68
496	30' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures	9.81
497	16' Decorative Concrete w/decorative base/The Washington	16.92
498	35' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures	10.26
499	16' Decorative Concrete-Vic II	9.98

**III. Additional Facilities**

<b>Electrical Pole Receptacle<sup>4</sup></b>	<b>2.32</b>
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**Notes:**

- (1) Restricted to existing installations.
- (2) Includes ballast losses.
- (3) Shown for information only. Energy charges are billed by applying the foregoing energy and demand charges to the total monthly kWh.
- (4) Available only on certain decorative poles. Electric use allowed only from Oct. through Jan. Energy charged separately.
- (5) Special applications only.

**Additional Charges:**

<b>Fuel Cost Recovery Factor:</b>	See Sheet No. 6.105
<b>Gross Receipts Tax Factor:</b>	See Sheet No. 6.106
<b>Right-of-Way Utilization Fee:</b>	See Sheet No. 6.106
<b>Municipal Tax:</b>	See Sheet No. 6.106
<b>Sales Tax:</b>	See Sheet No. 6.106

**Minimum Monthly Bill:**

The minimum monthly bill shall be the sum of the Customer Charge and applicable Fixture and Maintenance Charges.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Except as provided in Special Provision # ~~No.~~ 14, service under this rate schedule shall be for a minimum initial term of six (6) years from the commencement of service and shall continue thereafter until terminated by either party by written notice sixty (60) days prior to termination. Upon early termination of service under this schedule, the Customer shall pay an amount equal to the remaining monthly lease amount for the term of contract, applicable Customer Charges and removable cost of the facilities.

**Special Provisions:**

1. The Company will require a written contract from the Customer for service under this rate upon the Company's standard form.
2. Where the Company provides a fixture or pole type other than those listed above, the monthly charges, as applicable shall be computed as follows:
  - I. Fixture
    - (a) Fixture Charge: 1.46% of the Company's average installed cost.
    - (b) Maintenance Charge: The Company's estimated cost of maintaining fixture.
  - II. Pole
    - Pole Charge: 1.67% of installed cost
3. The Customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement prior to payment by the Customer for damage.

(Continued on Page 5)



**RATE SCHEDULE LS-1  
LIGHTING SERVICE**  
(Continued from Page No. 4)

4. Maintenance Service for Customer-owned fixtures at charges stated hereunder shall be restricted to fixtures being maintained as of November 1, 1992. For additional requests of the Company to perform maintenance of Customer-owned fixtures, the Company may consider providing such service and bill the Customer in accordance with the Company's policy related to "Work Performed for the Public."
5. kWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. kWh estimates will be made using the following formula:

$$\text{kWh} = \frac{\text{Unit Wattage (including ballast losses)} \times 350 \text{ hours per month}}{1,000}$$

6. kWh consumption for Customer-owned fixtures shall be metered. Installation of Customer-owned lighting facilities shall be provided for by the Customer. The Company may consider installing customer owned lighting facilities and will bill the Customer in accordance with the Company's policy related to "Work Performed for the Public." Any costs incurred by the Company to provide for consolidation of existing lighting facilities for the purpose of metering shall be at the Customer's expense.
6. No Pole Charge shall be applicable for a fixture installed on a Company-owned pole which is utilized for other general distribution purposes.
7. Replacement of lamps of Company maintained fixtures will be made by the Company within three (3) business days after the Customer notifies the Company that the lamp is burned out.
8. For a fixture type restricted to existing installations and requiring major renovation or replacement, the fixture shall be replaced by an available sodium vapor fixture of the Customer's choosing and the Customer shall commence being billed at its appropriate rate. Where the Customer requests the continued use of the same fixture type for appearance reasons, the Company will attempt to provide such fixture and the Customer shall commence being billed at a rate determined in accordance with Special Provision No. 2 for the cost of the renovated or replaced fixture.
9. The Customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities.
10. After December 31, 1998, all new leased lighting shall be installed on poles owned by the Company.
11. Alterations to leased lighting facilities requested by Customer after date of installation, (i.e. redirect, install shields, etc.), will be billed to the Customer in accordance with the Company's policy related to "Work Performed for the Public".
12. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the Customer's responsibility to pay for necessary additional facilities. Refer to section IV, paragraph 3.01 of the Company's General Rules and Regulations Governing Electric Service to determine the Contribution In Aid of Construction owed by the Customer.
13. The Customer shall have the option to make an up-front lump sum payment in lieu of paying the otherwise applicable monthly charges specified in this rate schedule, for those premium lighting fixtures and poles designated by the Company, subject to the following conditions:
  - A. The Customer must execute the Company's standard form Up-Front Lease Agreement (UFLA) with an initial term of ten (10) years, after the initial term the then effective monthly fixture and pole charges will be applicable.
  - B. The up-front lump sum payment shall be calculated based on the present value of the otherwise applicable monthly fixture and pole charges over the initial ten-year term of the UFLA, discounted at a rate equal to the interest rate paid on ten (10) ten-year Treasury Notes at the end of the month prior to execution of the UFLA, and shall be adjusted for Federal and State tax impacts from the receipt of a lump sum payment instead of monthly payments over a ten-year period.
  - C. The minimum up-front lump sum payment is \$50,000.
  - D. A processing fee of \$700 shall be paid upon execution of the UFLA to defray the costs of contract administration over the term of the UFLA.
  - E. If the Customer requests multiple engineering estimates to determine the up-front lump sum payment that would be required under alternative lighting configurations, the Company may charge a fee to cover its reasonable costs to perform such estimates.



**RATE SCHEDULE SS-1  
FIRM STANDBY SERVICE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, having on-site generating equipment and requesting firm standby service. A Customer requesting firm standby service is required to take service under this rate schedule if his total generating capability: (1) exceeds 100 kW, (2) supplies at least 20% of his total electrical load, and (3) is operated for other than emergency and test purposes.

**Character of Service:**

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Definitions:**

"Standby electric service" refers to backup or maintenance service or both.

"Backup service" means electric energy or capacity supplied by the Company to replace energy or capacity ordinarily generated by a Customer's own generation equipment during an unscheduled outage of the Customer's generation.

"Maintenance service" means electric energy or capacity supplied by the Company to replace energy or capacity ordinarily generated by a Customer's own generation equipment during a scheduled outage of the Customer's generation.

"Supplemental service" means electric energy or capacity supplied by the Company in addition to that which is normally provided by the Customer's own generation equipment.

"Otherwise applicable rate schedule" refers to the rate schedule under which the Customer would have received service if the Customer had no self-generation.

**Determination of Standby Service Requirements:**

The Customer may elect either of the following two options for determination of standby service requirements:

**Option A:**

1. The Customer shall provide the Company within three (3) days of the end of the billing period the following information for each 30-minute time interval of occurrence of an unscheduled or scheduled outage of the Customer's generation:
  - A. Amount of load in kW ordinarily supplied by Customer's generation.
  - B. Amount of load reduction in kW, if any, as a direct result of Customer's generation outage.

(Continued on Page No. 2)

**RATE SCHEDULE SS-1  
FIRM STANDBY SERVICE**  
(Continued from Page 1)**Determination of Standby Service Requirements: (Continued)****Option A: (Continued)**

2. For each 30-minute time interval of occurrence of an unscheduled or scheduled outage of the Customer's generation, the standby power amount shall be determined in accordance with the following formula:

Standby power in kW =

Amount of load in kW ordinarily supplied by Customer's generation,

Minus Customer's Generation Output in kW,

Minus Amount of load reduction in kW as a direct result of Customer's generation outage.

Note: In no event shall standby power amount be less than zero.

3. For each 30-minute time interval of non-outages of the Customer's generation, the standby power is zero amount.

**Option B:**

1. A determination of the Customer's standby power use shall be made for each 30-minute time interval of the billing period in accordance with the following formula:

Standby power in kW =

Specified Maximum Self-Service Generating Capability in kW,

Less a Specified Amount of Load Reduction in kW, if any, that directly results from an outage of the Customer's Generation,

Minus Customer's Generation Output in kW.

Note: In no event shall standby power amount be less than zero, nor shall standby power amount exceed the total amount of Company-supplied power.

2. Initially, the Customer and the Company shall mutually agree upon the Customer's Specified Maximum Self-Service Generating Capability. Whenever the Specified Maximum Self-Service Generating Capability is exceeded by a higher amount of actual self-service generation, such greater amount becomes the new specified amount. The Customer and the Company shall also mutually agree upon a Specified Amount of Load Reduction, if any, that would be a direct result of an outage of Customer's generation. Where a bona fide change in the Customer's generation facilities occurs, the Company and the Customer shall agree upon a new Specified Maximum Self-Service Generating Capability and a new Specified Amount of Load Reduction, if any, that would be a direct result of an outage of Customer's generation.

**Determination of Supplemental Service Requirements:**

A determination of the Customer's supplemental power use shall be made for each 30-minute time interval of the billing period in accordance with the following formula:

Supplemental Power in kW =

Total Company-Supplied Power in kW,

Minus Standby Power in kW.

(Continued on Page No. 3)





**RATE SCHEDULE SS-1  
FIRM STANDBY SERVICE**  
(Continued from Page No. 2)

**Determination of Specified Standby Capacity:**

1. Initially, the Customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity."
2. Where a bona fide change in the Customer's standby capacity requirement occurs, the Company and the Customer shall establish a new Specified Standby Capacity.
3. The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month, or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

**Rate Per Month:**

**1. Customer Charge:**

Secondary Metering Voltage:	\$101.70
Primary Metering Voltage:	\$238.00
Transmission Metering Voltage:	\$820.00

Note: Where the Customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be \$82.00.

**2. Supplemental Service Charges:**

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

**3. Standby Service Charges:**

**A. Distribution Capacity:**

\$4.50 ~~2.52~~ per kW times the Specified Standby Capacity.

Note: No charge is applicable to a Customer who has provided all the facilities for interconnection to the Company's transmission system.

**B. Generation & Transmission Capacity:**

The charge shall be the greater of:

1. \$0.835 ~~0.731~~ per kW times the Specified Standby Capacity, or
2. The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times \$0.398 ~~0.343~~/KW times the appropriate following monthly factor:

Billing Month	Factor
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

**C. Energy Charges:**

Non-Fuel Energy Charge: 0.697 ~~0.708~~¢ per kWh

plus Energy Conservation Cost Recovery Factor: See Sheet No. 6.105

plus Capacity Cost Recovery Factor: See Sheet No. 6.106

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**RATE SCHEDULE SS-1  
FIRM STANDBY SERVICE**  
(Continued from Page No. 3)

**Rate Per Month: (Continued)**

**3. Standby Service Charges: (Continued)**

**D. Delivery Voltage Credit:**

When a Customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by ~~30.33¢~~ per kW.

**E. Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Non-Fuel Energy Charge, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**F. Fuel Cost Recovery Factor:**

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

<b>G. Gross Receipts Tax Factor:</b>	See Sheet No. 6.106
<b>H. Right-of-Way Utilization Fee:</b>	See Sheet No. 6.106
<b>I. Municipal Tax:</b>	See Sheet No. 6.106
<b>J. Sales Tax:</b>	See Sheet No. 6.106

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 3 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition, the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per KW for the cost of reserving capacity in the alternate distribution circuit.

**Rating Periods:**

**1. On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March,  
Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and  
6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October,  
Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

**2. Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service.

(Continued on Page No. 5)



**RATE SCHEDULE SS-1  
FIRM STANDBY SERVICE**  
(Continued from Page No. 4)

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Service under this rate schedule shall be under the same terms as that specified in the otherwise applicable rate schedule.

**Special Provisions:**

1. The Company may, under the provisions of this rate, require a contract with the Customer upon the Company's filed contract form. Whenever the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required.
2. Customers taking service under this rate schedule who desire to transfer to firm full requirements service will be required to give the Company written notice at least ~~sixty (60)~~ ~~fifty-six (56)~~ months prior to such transfer.
3. The Company will furnish service under this rate schedule at a single voltage. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
4. The Customer shall allow the Company to install time recording metering on the electrical output of all Customer-owned generation equipment. The permitted metering location(s) must be accessible to Company personnel for testing, inspection, maintenance, and retrieval of recording generation output data. The Customer shall reimburse the Company for the installed cost of the metering and be charged 0.50% per month of the installed cost of the metering equipment for operation and maintenance of the equipment by the Company.
5. Where the Company and the Customer agree that the Customer's service requirements are totally standby or totally supplemental, the Company shall bill the Customer accordingly and not require metering of the Customer's generation output.
6. Upon commencement of service under this rate schedule, if the Customer does not make an election of either Option A or Option B under the Determination of Standby Service Requirements, Option B will be applied. A Customer may exercise the election of Option A one time.
7. In the event the Customer electing Option A does not provide outage information to the Company within three (3) days of the end of the billing period, the Company shall render a bill based on all Company-supplied power being supplemental service. If the Customer provides outage information for the current billing period prior to the end of the next billing period, the Company shall issue a revised billing and assess the Customer an additional Customer Charge.
8. For determination of standby service requirements under Option A, the Customer should maintain accurate generation performance records available for review by the Company for verifying outage information utilized in the billing procedure. The Customer shall cooperate with the Company in providing additional information the Company deems necessary to validate appropriate billing determinants. If the Company deems that insufficient outage information is being provided by the Customer for appropriate determination of standby service requirements under Option A, the Company will subsequently require that this determination be performed under Option B.
9. For an amount of load reduction directly resulting from an outage of the Customer's generation to be recognized in the determination of standby service requirements, the Customer must satisfactorily demonstrate this capability initially and be subject to periodic verification upon request by the Company.
10. If the actual maximum 30-minute standby power supplied by the Company exceeds the prior billing month's Specified Standby Capacity, the Customer shall be billed on the excess amount for previous billings rendered up to twelve (12) months under the rate schedule for (1) distribution capacity and (2) generation and transmission capacity, at a rate of 125% of the corresponding standby service charges.
11. When an outage of the Customer's generating system is caused by an electrical isolation of the Customer due to conditions originating on the Company's system, no standby capacity requirement shall be recognized for billing purposes for the standby power utilized during Customer generation restart for a period not exceeding eight (8) hours from time of Company electrical restoration.

**RATE SCHEDULE SS-2  
INTERRUPTIBLE STANDBY SERVICE****Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, having on-site generating equipment and requesting interruptible standby service. A Customer requesting interruptible standby service is required to take service under this rate schedule if his total generating capability: (1) exceeds 100 kW, (2) supplies at least 20% of his total electrical load, and (3) is operated for other than emergency and test purposes.

**Character of Service:**

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 3 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Definitions:**

"Standby electric service" refers to backup or maintenance service or both.

"Backup service" means electric energy or capacity supplied by the Company to replace energy or capacity ordinarily generated by a Customer's own generation equipment during an unscheduled outage of the Customer's generation.

"Maintenance service" means electric energy or capacity supplied by the Company to replace energy or capacity ordinarily generated by a Customer's own generation equipment during a scheduled outage of the Customer's generation.

"Supplemental service" means electric energy or capacity supplied by the Company in addition to that which is normally provided by the Customer's own generation equipment.

"Otherwise applicable rate schedule" refers to the rate schedule under which the Customer would have received service if the Customer had no self-generation.

**Determination of Standby Service Requirements:**

The Customer may elect either of the following two options for determination of standby service requirements:

**Option A:**

The Customer shall provide the Company within three (3) days of the end of the billing period the following information for each 30-minute time interval of occurrence of an unscheduled or scheduled outage of the Customer's generation:

- A. Amount of load in kW ordinarily supplied by Customer's generation.
- B. Amount of load reduction in kW, if any, as a direct result of Customer's generation outage.

(Continued on Page No. 2)

**RATE SCHEDULE SS-2  
INTERRUPTIBLE STANDBY SERVICE**  
(Continued from Page No. 1)**Determination of Standby Service Requirements: (Continued)****Option A: (Continued)**

2. For each 30-minute time interval of occurrence of an unscheduled or scheduled outage of the Customer's generation, the standby power amount shall be determined in accordance with the following formula:

Standby power in kW =

Amount of load in kW ordinarily supplied by Customer's generation,

Minus Customer's Generation Output in kW,

Minus Amount of load reduction in kW as a direct result of Customer's generation outage.

Note: In no event shall standby power amount be less than zero.

3. For each 30-minute time interval of non-outages of the Customer's generation, the standby power is zero amount.

**Option B:**

1. A determination of the Customer's standby power use shall be made for each 30-minute time interval of the billing period in accordance with the following formula:

Standby power in kW =

Specified Maximum Self-Service Generating Capability in kW,

Less a Specified Amount of Load Reduction in kW, if any, that directly results from an outage of the Customer's Generation,

Minus Customer's Generation Output in kW.

Note: In no event shall standby power amount be less than zero, nor shall standby power amount exceed the total amount of Company-supplied power.

2. Initially, the Customer and the Company shall mutually agree upon the Customer's Specified Maximum Self-Service Generating Capability. Whenever the Specified Maximum Self-Service Generating Capability is exceeded by a higher amount of actual self-service generation, such greater amount becomes the new specified amount. The Customer and the Company shall also mutually agree upon a Specified Amount of Load Reduction, if any, that would be a direct result of an outage of Customer's generation. Where a bona fide change in the Customer's generation facilities occurs, the Company and the Customer shall agree upon a new Specified Maximum Self-Service Generating Capability and a new Specified Amount of Load Reduction, if any, that would be a direct result of an outage of Customer's generation.

**Determination of Supplemental Service Requirements:**

A determination of the Customer's supplemental power use shall be made for each 30-minute time interval of the billing period in accordance with the following formula:

Supplemental Power in kW =

Total Company-Supplied Power in kW,

Minus Standby Power in kW.

(Continued on Page No. 3)



## RATE SCHEDULE SS-2 INTERRUPTIBLE STANDBY SERVICE (Continued from Page No. 2)

### Determination of Specified Standby Capacity:

- Initially, the Customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
- Where a bona fide change in the Customer's standby capacity requirement occurs, the Company and the Customer shall establish a new Specified Standby Capacity.
- The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month, or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

### Rate Per Month:

#### 1. Customer Charge:

Secondary Metering Voltage:	\$306.70
Primary Metering Voltage:	\$443.00
Transmission Metering Voltage:	\$1,025.00

Note: Where the Customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be \$287.00.

#### 2. Supplemental Service Charges:

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

#### 3. Standby Service Charges:

##### A. Distribution Capacity:

\$4.50 ~~2.52~~ per kW times the Specified Standby Capacity.

Note: No charge is applicable to a Customer who has provided all the facilities for interconnection to the Company's transmission system.

##### B. Generation & Transmission Capacity:

The charge shall be the greater of:

- \$0.835 ~~0.731~~ per kW times the Specified Standby Capacity, or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times \$0.398 ~~0.343~~/kW times the appropriate following monthly factor:

Billing Month	Factor
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

##### C. Interruptible Capacity Credit:

The credit shall be the greater of:

- \$0.642 ~~0.237~~ per kW times the Specified Standby Capacity, or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-peak periods times \$0.306 ~~0.134~~/kW times the appropriate following monthly factor:

Billing Month	Factor
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

##### D. Energy Charges:

Non-Fuel Energy Charge:	0.697 <del>0.703</del> ¢ per kWh
plus Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
plus Capacity Cost Recovery Factor:	See Sheet No. 6.106

##### E. Delivery Voltage Credit:

When a Customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 30 ~~34~~¢ per kW.

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**RATE SCHEDULE SS-2  
 INTERRUPTIBLE STANDBY SERVICE**  
 (Continued from Page No. 3)

**Rate Per Month: (Continued)**
**3. Standby Service Charges: (Continued)**
**F. Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Interruptible Capacity Credit, Non-Fuel Energy Charge, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**G. Fuel Cost Recovery Factor:**

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

**H. Gross Receipts Tax Factor:** See Sheet No. 6.106

**I. Right-of-Way Utilization Fee:** See Sheet No. 6.106

**J. Municipal Tax:** See Sheet No. 6.106

**K. Sales Tax:** See Sheet No. 6.106

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 4 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

**Rating Periods:**
**1. On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

- A. For the calendar months of November through March,  
 Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and 6:00 p.m. to 10:00 p.m.
- B. For the calendar months of April through October,  
 Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

**2. Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Service under this rate schedule shall be under the same terms as that specified in the otherwise applicable rate schedule.

**Special Provisions:**

1. When the Customer increases the electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required under this rate at the option of the Company.
2. Customers taking service under another Company rate schedule who elect to transfer to this rate will be accepted by the Company on a first-come, first-served basis. Required interruptible equipment will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation.

(Continued on Page No. 5)





## RATE SCHEDULE SS-2 INTERRUPTIBLE STANDBY SERVICE (Continued from Page No. 4)

### Special Provisions: (Continued)

3. To minimize the frequency and duration of interruptions hereunder, the Company will attempt to purchase power and energy from other sources during periods of normal interruption. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. When the Company is successful in making such purchases, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CS-1, CST-1, IS-2, IST-2, CS-2, CST-2, and SS-3 during the corresponding calendar month.

In the event a Customer elects to interrupt irrespective of the availability of additional energy purchased by the Company during the period for which interruption would have otherwise occurred, the Customer will incur no responsibility for the payment of any additional cost of such energy.

4. The Company will furnish service under this rate at dual voltages for substation delivery or a single voltage for primary line delivery. Equipment to supply additional voltages or additional facilities for the use of the Customer shall be furnished and maintained by the Customer. The Customer may request the Company to furnish such additional equipment, and the Company, at its sole option, may furnish, install, and maintain such additional equipment, charging the Customer for the use thereof at the rate of 1.67% per month of the installed cost of such additional equipment.
5. Customers taking service under this rate schedule who desire to transfer to a non-interruptible rate schedule will be required to give the Company written notice at least ~~sixty (60)~~ thirty-six (36) months prior to such transfer. Such notice shall be irrevocable unless the Company or the Customer receives a waiver from the Florida Public Service Commission.
6. The Customer shall allow the Company to install time recording metering on the electrical output of all Customer-owned generation equipment. The permitted metering location(s) must be accessible to Company personnel for testing, inspection, maintenance, and retrieval of recording generation output data. The Customer shall reimburse the Company for the installed cost of the metering and be charged 0.50% per month of the installed cost of the metering equipment for operation and maintenance of the equipment by the Company.
7. Where the Company and the Customer agree that the Customer's service requirements are totally standby or totally supplemental, the Company shall bill the Customer accordingly and not require metering of the Customer's generation output.
8. Upon commencement of service under this rate schedule, if the Customer does not make an election of either Option A or Option B under the Determination of Standby Service Requirements, Option B will be applied. A Customer may exercise the election of Option A one time.
9. In the event the Customer electing Option A does not provide outage information to the Company within three (3) days of the end of the billing period, the Company shall render a bill based on all Company-supplied power being supplemental service. If the Customer provides outage information for the current billing period prior to the end of the next billing period, the Company shall issue a revised billing and assess the Customer an additional Customer Charge.
10. For determination of standby service requirements under Option A, the Customer should maintain accurate generation performance records available for review by the Company for verifying outage information utilized in the billing procedure. The Customer shall cooperate with the Company in providing additional information the Company deems necessary to validate appropriate billing determinants. If the Company deems that insufficient outage information is being provided by the Customer for appropriate determination of standby service requirements under Option A, the Company will subsequently require that this determination be performed under Option B.
11. For an amount of load reduction directly resulting from an outage of the Customer's generation to be recognized in the determination of standby service requirements, the Customer must satisfactorily demonstrate this capability initially and be subject to periodic verification upon request by the Company.
12. If the actual maximum 30-minute standby power supplied by the Company exceeds the prior billing month's Specified Standby Capacity, the Customer shall be billed on the excess amount for previous billings rendered up to twelve (12) months under the rate schedule for (1) distribution capacity and (2) generation and transmission capacity, at a rate of 125% of the corresponding standby service charges.
13. Where all or part of the facilities of a customer receiving service under this rate schedule are designated by the appropriate governmental agency for use as a public shelter during periods of emergency or natural disaster, the Company shall not interrupt service to the Customer during such periods; provided, however, that the Company receives notice of the facilities' use as a public shelter sufficiently in advance to permit the deactivation of automatic interruption devices.



**RATE SCHEDULE SS-3  
CURTAILABLE STANDBY SERVICE**

**Availability:**

Available throughout the entire territory served by the Company.

**Applicable:**

To any customer, other than residential, having on-site generating equipment and requesting interruptible standby service. A Customer requesting interruptible standby service is required to take service under this rate schedule if his total generating capability: (1) exceeds 100 kW, (2) supplies at least 20% of his total electrical load, and (3) is operated for other than emergency and test purposes.

**Character of Service:**

Alternating current, 60 cycle, single-phase or three-phase, at the Company's standard voltage available.

**Limitation of Service:**

Resale service not permitted hereunder. Interruptible service under this rate schedule is not subject to interruption during any time period for economic reasons. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder 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 not make off-system purchases during such periods to maintain service to interruptible loads except under the conditions set forth in Special Provision No. 3 of this rate schedule.

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

**Definitions:**

"Standby electric service" refers to backup or maintenance service or both.

"Backup service" means electric energy or capacity supplied by the Company to replace energy or capacity ordinarily generated by a Customer's own generation equipment during an unscheduled outage of the Customer's generation.

"Maintenance service" means electric energy or capacity supplied by the Company to replace energy or capacity ordinarily generated by a Customer's own generation equipment during a scheduled outage of the Customer's generation.

"Supplemental service" means electric energy or capacity supplied by the Company in addition to that which is normally provided by the Customer's own generation equipment.

"Otherwise applicable rate schedule" refers to the rate schedule under which the Customer would have received service if the Customer had no self-generation.

**Determination of Standby Service Requirements:**

The Customer may elect either of the following two options for determination of standby service requirements:

**Option A:**

1. The Customer shall provide the Company within three (3) days of the end of the billing period the following information for each 30-minute time interval of occurrence of an unscheduled or scheduled outage of the Customer's generation:
  - A. Amount of load in kW ordinarily supplied by Customer's generation.
  - B. Amount of load reduction in kW, if any, as a direct result of Customer's generation outage.

(Continued on Page No. 2)



**RATE SCHEDULE SS-3  
CURTAILABLE STANDBY SERVICE**  
(Continued from Page No. 1)

**Determination of Standby Service Requirements: (Continued)**

**Option A: (Continued)**

2. For each 30-minute time interval of occurrence of an unscheduled or scheduled outage of the Customer's generation, the standby power amount shall be determined in accordance with the following formula:

Standby power in kW =

Amount of load in kW ordinarily supplied by Customer's generation,

Minus Customer's Generation Output in kW,

Minus Amount of load reduction in kW as a direct result of Customer's generation outage.

Note: In no event shall standby power amount be less than zero.

3. For each 30-minute time interval of non-outages of the Customer's generation, the standby power is zero amount.

**Option B:**

1. A determination of the Customer's standby power use shall be made for each 30-minute time interval of the billing period in accordance with the following formula:

Standby power in kW =

Specified Maximum Self-Service Generating Capability in kW,

Less a Specified Amount of Load Reduction in kW, if any, that directly results from an outage of the Customer's Generation,

Minus Customer's Generation Output in kW.

Note: In no event shall standby power amount be less than zero, nor shall standby power amount exceed the total amount of Company-supplied power.

2. Initially, the Customer and the Company shall mutually agree upon the Customer's Specified Maximum Self-Service Generating Capability. Whenever the Specified Maximum Self-Service Generating Capability is exceeded by a higher amount of actual self-service generation, such greater amount becomes the new specified amount. The Customer and the Company shall also mutually agree upon a Specified Amount of Load Reduction, if any, that would be a direct result of an outage of Customer's generation. Where a bona fide change in the Customer's generation facilities occurs, the Company and the Customer shall agree upon a new Specified Maximum Self-Service Generating Capability and a new Specified Amount of Load Reduction, if any, that would be a direct result of an outage of Customer's generation.

**Determination of Supplemental Service Requirements:**

A determination of the Customer's supplemental power use shall be made for each 30-minute time interval of the billing period in accordance with the following formula:

Supplemental Power in kW =

Total Company-Supplied Power in kW,

Minus Standby Power in kW.

(Continued on Page No. 3)



## RATE SCHEDULE SS-3 CURTAILABLE STANDBY SERVICE (Continued from Page No. 2)

### Determination of Specified Standby Capacity:

- Initially, the Customer and the Company shall mutually agree upon a maximum amount of standby capacity in kW to be supplied by the Company. This shall be termed for billing purposes as the "Specified Standby Capacity".
- Where a bona fide change in the Customer's standby capacity requirement occurs, the Company and the Customer shall establish a new Specified Standby Capacity.
- The Specified Standby Capacity for the current billing period shall be the greater of: (1) the mutually agreed upon Specified Standby Capacity, (2) the maximum 30-minute kW standby power requirement established in the current billing month, or (3) the maximum 30-minute kW standby power requirement established in any of the twenty-three (23) preceding billing months.

### Rate Per Month:

- Customer Charge:**
  - Secondary Metering Voltage: \$101.70
  - Primary Metering Voltage: \$238.00
  - Transmission Metering Voltage: \$820.00

Note: Where the Customer has paid the costs of metering equipment pursuant to a Cogeneration Agreement, the Customer Charge shall be \$82.00.

- Supplemental Service Charges:**

All supplemental power requirements shall be billed in accordance with the demand and energy charges of the otherwise applicable rate schedule.

- Standby Service Charges:**

- Distribution Capacity:**

\$1.50 ~~2.52~~ per kW times the Specified Standby Capacity.

Note: No charge is applicable to a Customer who has provided all the facilities for interconnection to the Company's transmission system.

- Generation & Transmission Capacity:**

The charge shall be the greater of:

- \$0.835 ~~0.731~~ per kW times the Specified Standby Capacity, or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-Peak Periods times \$0.398 ~~0.343~~ /kW times the appropriate following monthly factor:

Billing Month	Factor
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

- Curtable Capacity Credit:**

The credit shall be the greater of:

- \$0.324 ~~0.241~~ per kW times the Specified Standby Capacity, or
- The sum of the daily maximum 30-minute kW demand of actual standby use occurring during On-peak periods times \$0.453 ~~0.101~~ /kW times the appropriate following monthly factor:

Billing Month	Factor
March, April, May, October	0.80
June, September, November, December	1.00
January, February, July, August	1.20

- Energy Charges:**

Non-Fuel Energy Charge: 0.607 ~~0.445~~¢ per kWh  
plus Energy Conservation Cost Recovery Factor: See Sheet No. 6.105  
plus Capacity Cost Recovery Factor: See Sheet No. 6.106

- Delivery Voltage Credit:**

When a Customer takes service under this rate at a distribution primary delivery voltage, the Distribution Capacity Charge hereunder will be reduced by 30 ~~35~~¢ per kW.

(Continued on Page No. 4)

**RATE SCHEDULE SS-3  
 CURTAILABLE STANDBY SERVICE**  
 (Continued from Page No. 3)

**Rate Per Month: (Continued)**

**3. Standby Service Charges: (Continued)**

**F. Metering Voltage Adjustment:**

Metering voltage will be at the option of the Company. When the Company meters at a voltage above distribution secondary, the appropriate following reduction factor shall apply to the Distribution Capacity Charge, Generation & Transmission Capacity Charge, Interruptible Capacity Credit, Non-Fuel Energy Charge, and Delivery Voltage Credit hereunder:

<u>Metering Voltage</u>	<u>Reduction Factor</u>
Distribution Primary	1.0%
Transmission	2.0%

**G. Fuel Cost Recovery Factor:**

Time of Use Fuel Charges of applicable metering voltage provided on Tariff Sheet No. 6.105.

**H. Gross Receipts Tax Factor:**

See Sheet No. 6.106

**I. Right-of-Way Utilization Fee:**

See Sheet No. 6.106

**J. Municipal Tax:**

See Sheet No. 6.106

**K. Sales Tax:**

See Sheet No. 6.106

**Premium Distribution Service Charge:**

Where Premium Distribution Service has been established after 12/15/98 in accordance with Subpart 2.05, General Rules and Regulations Governing Electric Service, the Customer shall pay a monthly charge determined under Special Provision No. 4 of this rate schedule for the costs of all additional equipment, or the customer's allocated share thereof, installed to accomplish automatic delivery transfer including all line costs necessary to connect to an alternate distribution circuit.

In addition the Distribution Capacity Charge included in the Rate per Month section of this rate schedule shall be increased by \$0.81 per kW for the cost of reserving capacity in the alternate distribution circuit.

**Rating Periods:**

**1. On-Peak Periods** - The designated On-Peak Periods expressed in terms of prevailing clock time shall be as follows:

A. For the calendar months of November through March,  
 Monday through Friday\*: 6:00 a.m. to 10:00 a.m., and  
 6:00 p.m. to 10:00 p.m.

B. For the calendar months of April through October,  
 Monday through Friday\*: 12:00 Noon to 9:00 p.m.

\* The following general holidays shall be excluded from the On-Peak Periods: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas. In the event the holiday occurs on a Saturday or Sunday, the adjacent weekday shall be excluded from the On-Peak Periods.

**2. Off-Peak Periods** - The designated Off-Peak Periods shall be all periods other than the designated On-Peak Periods set forth above.

**Minimum Monthly Bill:**

The minimum monthly bill shall be the Customer Charge and the Capacity Charges for Standby Service.

**Terms of Payment:**

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

**Term of Service:**

Service under this rate schedule shall be under the same terms as that specified in the otherwise applicable rate schedule.

(Continued on Page No. 5)



**RATE SCHEDULE SS-3  
 CURTAILABLE STANDBY SERVICE**  
 (Continued from Page No. 4)

**Special Provisions: (Continued)**

1. The Company may, under the provisions of this rate, require a contract with the Customer upon the Company's filed contract form. Whenever the Customer increases his electrical load, which increase requires the Company to increase facilities installed for the specific use of the Customer, a new Term of Service may be required.
2. The Company will furnish service under this rate at a single voltage. Any equipment to supply additional voltages or any additional facilities for the use of the Customer shall be furnished and maintained by the Customer. At its option, the Company may furnish, install and maintain such additional equipment upon request of the Customer, in which event an additional monthly charge will be made at the rate of 1.67% times the installed cost of such additional equipment.
3. As an essential requirement for receiving curtailable service provided under this rate schedule, the Customer shall be strictly responsible for the full curtailment of his standby power requirements upon each request of the Company. Such requests will normally be made during periods of capacity shortages on the Company's system; however, other operating contingencies may result in such requests at other times. The Company shall also have the right to request one additional curtailment each calendar year irrespective of capacity availability or operating conditions.
4. As used in this rate schedule, the term "period of requested curtailment" shall mean a period for which the Company has requested curtailment and for which energy purchased from sources outside the Company's system, pursuant to Special Provision No. 6, is not available. If such energy can be purchased, the terms of Special Provision No. 6 will apply and a period of requested curtailment will not be deemed to exist while such energy remains available.
5. In the event a customer electing curtailable service has not complied with his curtailment responsibility for any period of requested curtailment during the current billing period, the Customer will additionally be billed 125% of the difference in standby rate charges between this rate schedule and that of Rate Schedule SS-1, Firm Standby Service, for each billing period from the current month to the most recent prior billing period in which curtailment was requested, not to exceed a total of twelve (12) billing periods.
6. To minimize the frequency and duration of curtailments requested under this rate schedule, the Company will attempt to purchase additional energy, if available, from sources outside the Company's system during periods for which curtailment would otherwise be requested. The Company will also attempt to notify any Customer, desirous of such notice, in advance when such purchases are imminent or as soon as practical thereafter where advance notice is not feasible. Similar notification will be provided upon termination of such purchases. Any energy used hereunder during these periods will be subject to the additional charges set forth in the second paragraph of this provision. Customers may avoid these higher charges by curtailing their usage during such periods.

In the event a Customer elects not to curtail, the Customer will be required to pay an additional charge, in lieu of the otherwise applicable energy charges (Non-Fuel Energy Charge, Capacity Cost Recovery Factor, and Fuel Cost Recovery Factor), provided hereunder, based on the Customer's proportionate share of the higher cost of such purchased energy, plus 3.0 mills per kWh, for all consumption hereunder during the period for which curtailment would have otherwise been requested. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule and under similar provisions in Rate Schedules IS-1, IST-1, CS-1, CST-1, IS-2, IST-2, CS-2, CST-2 and SS-2 during the corresponding calendar month. If, for any reason during such period, the Customer is notified that the energy purchased from outside sources is no longer available, the terms of this Special Provision will cease to apply and curtailment will be required for the remainder of such period.

In the event a Customer elects to curtail irrespective of the availability of additional energy purchased by the Company and does not exceed his Non-Curtailable Demand during the period for which curtailment would have otherwise been requested, the Customer will incur no responsibility for the payment of any additional cost of such energy.

(Continued on Page No. 6)



**RATE SCHEDULE SS-3  
CURTAILABLE STANDBY SERVICE**  
(Continued from Page No. 5)

**Special Provisions: (Continued)**

7. Customers taking service under this rate schedule who desire to transfer to a firm rate schedule will be required to give the Company written notice at least ~~sixty (60)~~ ~~thirty-six (36)~~ months prior to such transfer. Such notice shall be irrevocable unless the Company or the Customer receives a waiver from the Florida Public Service Commission.
8. The Customer shall allow the Company to install time recording metering on the electrical output of all Customer-owned generation equipment. The permitted metering location(s) must be accessible to Company personnel for testing, inspection, maintenance, and retrieval of recording generation output data. The Customer shall reimburse the Company for the installed cost of the metering and be charged 0.50% per month of the installed cost of the metering equipment for operation and maintenance of the equipment by the Company.
9. Where the Company and the Customer agree that the Customer's service requirements are totally standby or totally supplemental, the Company shall bill the Customer accordingly and not require metering of the Customer's generation output.
10. Upon commencement of service under this rate schedule, if the Customer does not make an election of either Option A or Option B under the Determination of Standby Service Requirements, Option B will be applied. A Customer may exercise the election of Option A one time.
11. In the event the Customer electing Option A does not provide outage information to the Company within three (3) days of the end of the billing period, the Company shall render a bill based on all Company-supplied power being supplemental service. If the Customer provides outage information for the current billing period prior to the end of the next billing period, the Company shall issue a revised billing and assess the Customer an additional Customer Charge.
12. For determination of standby service requirements under Option A, the Customer should maintain accurate generation performance records available for review by the Company for verifying outage information utilized in the billing procedure. The Customer shall cooperate with the Company in providing additional information the Company deems necessary to validate appropriate billing determinants. If the Company deems that insufficient outage information is being provided by the Customer for appropriate determination of standby service requirements under Option A, the Company will subsequently require that this determination be performed under Option B.
13. For an amount of load reduction directly resulting from an outage of the Customer's generation to be recognized in the determination of standby service requirements, the Customer must satisfactorily demonstrate this capability initially and be subject to periodic verification upon request by the Company.
14. The described procedures herein for determining standby and supplemental requirements may require modification during a period of requested curtailment. In this event all power and energy requirements are considered supplemental to the extent that the total power requirement does not exceed the Customer's otherwise maximum 30-minute supplemental demand for the current billing period. Any requirement exceeding this level is considered standby. If this should result in a standby requirement which exceeds the Customer's self-generating capability, such excess shall be considered additional supplemental.
15. If the actual maximum 30-minute standby power supplied by the Company exceeds the prior billing month's Specified Standby Capacity, the Customer shall be billed on the excess amount for previous billings rendered up to twelve (12) months under the rate schedule for (1) distribution capacity and (2) generation and transmission capacity, at a rate of 125% of the corresponding standby service charges.
16. Where all or a part of the facilities of a customer receiving service under this rate schedule are designated by the appropriate governmental agency for use as a public shelter during periods of emergency or natural disaster, the Company shall not interrupt service to the Customer during such periods; provided however, that the Company receives notice of the facilities' use as a public shelter sufficiently in advance to permit the deactivation of automatic interruption devices.



## RATE SCHEDULE TS-1 TEMPORARY SERVICE

### Availability:

Available throughout the entire territory served by the Company.

### Applicable:

To customers for temporary service such as construction, fairs, displays, exhibits, and similar temporary purposes.

### Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three phase at option of the Company, at the Company's standard voltage available.

### Limitation of Service:

Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations for Electric Service."

### Rate Per Month:

Company's applicable General Service rate schedule.

### Additional Charges:

Fuel Cost Recovery Factor:	See Sheet No. 6.105
Energy Conservation Cost Recovery Factor:	See Sheet No. 6.105
Capacity Cost Recovery Factor:	See Sheet No. 6.106
Gross Receipts Tax Factor:	See Sheet No. 6.106
Right-of-Way Utilization Fee:	See Sheet No. 6.106
Municipal Tax:	See Sheet No. 6.106
Sales Tax:	See Sheet No. 6.106

### Minimum Monthly Bill:

As provided for in the applicable rate schedule.

### Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

### Term of Service:

Service under this rate shall be for a minimum initial term of thirty (30) days from the commencement of service and may be extended for thirty- (30) day periods.

### Special Provisions:

1. Metering voltage will be at the option of the Company.
2. The Company may under the provisions of this rate, at its option, require a contract with the Customer upon the Company's filed contract form.
3. Where a temporary service extension is required and can be provided by a service drop or connection point to the Company's existing distribution system, the Customer shall pay a service charge of \$74.00 ~~110.00~~ for the cost of installing and removing such temporary service extension.
4. Where line work is required, the Customer shall pay, in advance, the estimated cost of installing and removing such facilities as may be required to provide such temporary service, except the cost of any portion of the facilities which will remain as a part of the permanent service. In addition, the Customer shall deposit with the Company, in advance, a cash sum equal to the estimated charge for energy consumed provided, however, that the Company may waive advance payments if the Customer has established, in the sole judgment of the Company, satisfactory credit.

**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>SC-1</b>	Initial Connection - \$	30.50	64.00	63.71	E-10	Set at approximate unit cost
	Reconnection - \$	15.00	28.00	28.12	E-10	Set at approximate unit cost
	Transfer of Account - No LSA Contract - \$	5.50	28.00	28.12	E-10	Set at approximate unit cost for regular reconnect
	Transfer of Account - LSA Contract Required - \$	5.50	10.00	4.01	E-10	% increase comparable to other service charges
	Reconnect After Disconnect For Non-Pay - \$	27.00	40.00	69.90	E-10	Increase supported by costs, but limited for reasons of customer concerns
	Reconnect After Disconnect For Non-Pay After Hours - \$	27.00	50.00	69.90	E-10	Increase supported by costs, but limited for reasons of customer concerns
<b>TS-1</b>	Temporary Service Extension - Monthly \$	74.00	110.00	107.85	E-10	Set at approximate unit cost
<b>RS-1</b>	Customer Charge - \$ per Line of Billing				COS	
	Standard	8.85	8.85	9.89		No Change Proposed
	Seasonal (RSS-1)	3.00	3.00	n/a		No Change Proposed
	Time of Use					
	Single Phase	16.35	16.35	n/a		No Change Proposed
	Three Phase	22.35	22.35	n/a		No Change Proposed
	Customer CIAC Paid	8.85	8.85	n/a		No Change Proposed
	TOU Metering CIAC - \$ One Time Charge					
	Single Phase	258.00	258.00	n/a		No Change Proposed
	Three Phase	393.00	393.00	n/a		No Change Proposed
	Energy and Demand Charge - cents per KWH				COS	
	Standard	4.020		3.864		Established Inverted Rate; charges produce total remaining system revenue requirements after rates established for all other rate classes.
	0 - 1,000 KWH		3.606			TOU rates set by first fixing off-peak charge equal to energy related unit cost and
	Over 1,000 KWH		4.606			then computing on-peak charge with same peak to off-peak ratio as current TOU charges
	Time of Use - On Peak	11.494	10.965			Weighted avg Tou rates equal standard charge
	Time of Use - Off Peak	0.580	0.708			

**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
176 GS-1	Customer Charge - \$ per Line of Billing				COS	
	Standard			10.03		
	Unmetered	6.60	6.60	7.90		No Change Proposed
	Secondary	11.70	11.70			No Change Proposed
	Primary	148.00	148.00			No Change Proposed
	Transmission	730.00	730.00			No Change Proposed
	Time of Use			n/a		
	Single Phase	19.20	19.20			No Change Proposed
	Three Phase	25.20	25.20			No Change Proposed
	Customer CIAC Paid	11.70	11.70			No Change Proposed
	Primary	155.50	155.50			No Change Proposed
	Transmission	737.50	737.50			No Change Proposed
	TOU Metering CIAC - \$ One Time Charge					
	Single Phase	258.00	258.00	n/a		No Change Proposed
	Three Phase	393.00	393.00	n/a		No Change Proposed
	Energy and Demand Charge - cents per KWH				COS	
	Standard	4.020	3.939	3.365		Set at Average RS-1 Energy Rate Charge
	Time of Use - On Peak	11.494	10.965			Set equal to RS-1 TOU Charges
	Time of Use - Off Peak	0.580	0.708			Set equal to RS-1 TOU Charges
	Premium Distribution Charge - cents per KWH	0.555	0.555	0.340		No Change Proposed, unit cost reflects 50% of full distribution primary capability
GS-2	Customer Charge - \$ per Line of Billing				COS	
	Standard					
	Unmetered	6.60	6.60	7.92		No Change Proposed
	Secondary	11.70	11.70	9.86		No Change Proposed
	Energy and Demand Charge - cents per KWH				COS	
	Standard	1.508	1.798	2.038		Rate set to produce GS-2 revenue requirement



**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>GSD-1</b>	Customer Charge - \$ per Line of Billing				COS	
	Standard			14.32		
	Secondary	11.70	11.70			No Change Proposed
	Primary	148.00	148.00			No Change Proposed
	Transmission	730.00	730.00			No Change Proposed
	Time of Use			n/a		
	Secondary	19.20	19.20			No Change Proposed
	Secondary - Customer CIAC paid	11.70	11.70			No Change Proposed
	Primary	155.50	155.50			No Change Proposed
	Primary - Customer CIAC paid	148.00	148.00			No Change Proposed
	Transmission	737.50	737.50			No Change Proposed
	Transmission Customer CIAC paid	730.00	730.00			No Change Proposed
	TOU Metering CIAC - \$ One Time Charge					
	Single Phase	258.00	258.00	n/a		No Change Proposed
	Three Phase	393.00	393.00	n/a		No Change Proposed
	Demand Charge - \$ per KW				COS	
	Standard	3.80	3.80	3.46		No Change Proposed, charge more than covers unit cost of T&D delivery
	Time of Use					
	On Peak	2.83	2.86			No change in base charge proposed. On -peak charge set for base plus on-peak to equal std chg
	Base	0.94	0.94			
	Delivery Voltage Credits - \$ per KW					
	Primary	0.30	0.38	0.38	E-17 Sup B	Set at unit cost of avoided transformation
	Transmission	0.69	0.89	0.89	E-17 Sup B	Set at unit cost of avoided transformation
	Premium Distribution Charge - \$ per KW	0.81	0.81	0.86	COS	No Change Proposed, unit cost reflects 50% of full distribution primary capability
	Energy Charge - cents per KWH					
	Standard	1.656	1.625	1.600	COS	Rate set to produce GSD revenue requirement
	Time of Use - On Peak	3.654	3.328			TOU rates set by first fixing off-peak charge equal to energy related unit cost and then computing on-peak charge with same peak to off-peak ratio as current TOU charges
	Time of Use - Off Peak	0.580	0.708			Weighted avg Tou rates equal standard charge

**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>GSD-1</b>	<b>Meter Voltage Adjustment - % of Demand &amp; Energy Charges</b>					
Continued	Primary	1.0%	1.0%	n/a		No Change Proposed
	Transmission	2.0%	2.0%	n/a		No Change Proposed
	Power Factor - \$ per KVar	0.22	0.22	n/a		No Change Proposed
	Equipment Rental - % of Installed Equipment Cost	1.67%	1.67%	1.54%	E-17 Sup C	No Change Proposed; customer election

**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>CS-1/CS-2</b>	Customer Charge - \$ per Line of Billing			135.42	COS	
	Secondary	76.70	76.70			No Change Proposed
	Primary	213.00	213.00			No Change Proposed
	Transmission	795.00	795.00			No Change Proposed
	Demand Charge - \$ per KW				COS	
	Standard	6.13	3.80	3.43		Set same as GSD Demand charge which more than covers unit cost of T&D delivery
	Time of Use					
	On Peak	5.16	2.86	n/a		Charge set same as GSD demand charges
	Base	0.91	0.94	n/a		Charge set same as GSD demand charges
	Curtailable Demand Credit					
	CS-1, CST-1 - \$ per KW of Curtailable Demand	2.33	Withdrawn			
	CS-2, CST-2 - \$ per KW LF adjusted Demand	1.50	2.12	2.12	E-17 Sup E	Set at Unit Cost
	Delivery Voltage Credits - \$ per KW					
	Primary	0.30	0.38	0.38	E-17 Sup B	Set at unit cost of avoided transformation
	Transmission	0.69	0.89	0.89	E-17 Sup B	Set at unit cost of avoided transformation
	Premium Distribution Charge - \$ per KW	0.81	0.81	0.86	COS	No Change Proposed, unit cost reflects 50% of full distribution primary capability
	Energy Charge - cents per KWH					
	Standard	1.082	1.320	1.313	COS	Rate set to produce CS revenue requirement
	Time of Use - On Peak	2.014	2.457			TOU rates set by first fixing off-peak charge equal to energy related unit cost and then computing on-peak charge with same peak to off-peak ratio as current TOU charges
	Time of Use - Off Peak	0.580	0.708			Weighted avg Tou rates equal standard charge
	Meter Voltage Adjustment - % of Demand & Energy Charges					
	Primary	1.0%	1.0%	n/a		No Change Proposed
	Transmission	2.0%	2.0%	n/a		No Change Proposed
	Power Factor - \$ per KVar	0.22	0.22	n/a		No Change Proposed
	Equipment Rental - % of Installed Equipment Cost	1.67%	1.67%	1.54%	E-17 Sup C	No Change Proposed; customer election

**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>IS-1/IS-2</b>	<b>Customer Charge - \$ per Line of Billing</b>			388.48	COS	
	Secondary	281.70	281.70			No Change Proposed
	Primary	418.00	418.00			No Change Proposed
	Transmission	1,000.00	1,000.00			No Change Proposed
	<b>Demand Charge - \$ per KW</b>				COS	
	Standard	5.18	3.80	3.29		Set same as GSD Demand charge which more than covers unit cost of T&D delivery
	Time of Use					
	On Peak	4.53	2.86	n/a		Charge set same as GSD demand charges
	Base	0.82	0.94	n/a		Charge set same as GSD demand charges
	<b>Interruptible Demand Credit</b>					
	IS-1, IST-1 - \$ per KW of Billing Demand	3.37	Withdrawn			
	IS-2, IST-2 - \$ per KW LF adjusted Demand	2.86	2.82	2.82	E-17 Sup E	Set at Unit Cost
	<b>Delivery Voltage Credits - \$ per KW</b>					
	Primary	0.30	0.38	0.38	E-17 Sup B	Set at unit cost of avoided transformation
	Transmission	0.69	0.89	0.89	E-17 Sup B	Set at unit cost of avoided transformation
	<b>Premium Distribution Charge - \$ per KW</b>	0.81	0.81	0.81	COS	No Change Proposed, unit cost reflects 50% of full distribution primary capability
	<b>Energy Charge - cents per KWH</b>					
	Standard	0.716	1.296	1.426	COS	Rate set to produce IS revenue requirement
	Time of Use - On Peak	1.016	2.593			TOU rates set by first fixing off-peak charge equal to energy related unit cost and then computing on-peak charge with same peak to off-peak ratio as current TOU charges
	Time of Use - Off Peak	0.580	0.708			Weighted avg Tou rates equal standard charge
	<b>Meter Voltage Adjustment - % of Demand &amp; Energy Charges</b>					
	Primary	1.0%	1.0%	n/a		No Change Proposed
	Transmission	2.0%	2.0%	n/a		No Change Proposed
	<b>Power Factor - \$ per KVar</b>	0.22	0.22	n/a		No Change Proposed
	<b>Equipment Rental - % of Installed Equipment Cost</b>	1.67%	1.67%	1.54%	E-17 Sup C	No Change Proposed; customer election

**Florida Power Corporation  
Unit Charge / Unit Cost Data  
2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>LS-1</b>	Customer Charge - \$ per Line of Billing				COS	
	Standard					
	Unmetered	1.20	1.20	1.31		No Change Proposed
	Secondary	3.45	3.45	6.97		No Change Proposed
	Energy and Demand Charge - cents per KWH					
	Standard	1.593	1.746	1.717	COS	Rate set to produce LS Energy Revenue Requirements
	Fixture & Maintenance Charges - \$ per fixture average	4.68	5.12	5.62	COS	No change proposed for maintenance charges, fixture charges set at unit cost with each individual charge capped at maximum increase of 15%.
	Pole Charges - \$ per pole average	3.64	3.99	5.16	COS	Pole charges set at unit cost with each individual charge capped at maximum increase of 20%.
	Other Fixture Charge Rate - % of Installed Fixture Cost	1.46%	1.46%	1.40%	E-17 Sup C	No Change Proposed
	Other Pole Charge Rate - % of Installed Pole Cost	1.67%	1.67%	1.67%	E-17 Sup C	No Change Proposed
<b>SS-1</b>	Customer Charge - \$ per Line of Billing					
	Secondary	101.70	101.70	101.70	E-17 Sup D	Set at Unit Cost
	Primary	238.00	238.00	238.00	E-17 Sup D	Set at Unit Cost
	Transmission	820.00	820.00	820.00	E-17 Sup D	Set at Unit Cost
	Customer Owned	82.00	82.00			No Change Proposed, per cogen agreements
	Base Rate Energy Customer Charge - cents per KWH	0.697	0.708	0.708	E-17 Sup D	Set at Unit Cost
	Distribution Charge - \$ per KW					
	Applicable to Specified SB Capacity	1.50	2.52	2.52	E-17 Sup D	Set at Unit Cost
	Generation and Transmission Capacity Charge					
	Greater of : - \$ per KW					
	Monthly Reservation Charge					
	Applicable to Specified SB Capacity	0.835	0.731	0.73	E-17 Sup D	Set at Unit Cost
	Peak Day Utilized SB Power Charge of:	0.398	0.348	0.35	E-17 Sup D	Set at Unit Cost

**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>SS-2</b>	Customer Charge - \$ per Line of Billing					
	Secondary	306.70	306.70	306.70	E-17 Sup D	Set at Unit Cost
	Primary	443.00	443.00	443.00	E-17 Sup D	Set at Unit Cost
	Transmission	1,025.00	1,025.00	1,025.00	E-17 Sup D	Set at Unit Cost
	Customer Owned	287.00	287.00			No Change Proposed, per cogen agreements
	Base Rate Energy Customer Charge - cents per KWH	0.697	0.708	0.708	E-17 Sup D	Set at Unit Cost
	Distribution Charge - \$ per KW					
	Applicable to Specified SB Capacity	1.50	2.52	2.52	E-17 Sup D	Set at Unit Cost
	Generation and Transmission Capacity Charge					
	Greater of : - \$ per KW					
	Monthly Reservation Charge					
	Applicable to Specified SB Capacity	0.835	0.731	0.73	E-17 Sup D	Set at Unit Cost
	Peak Day Utilized SB Power Charge of:	0.398	0.348	0.35	E-17 Sup D	Set at Unit Cost
	Interruptible Capacity Credit - \$ per KW					
	Monthly Reservation Credit	0.642	0.282	0.282	E-17 Sup D	Set at Unit Cost
	Daily Demand Credit	0.306	0.134	0.134	E-17 Sup D	Set at Unit Cost

**Florida Power Corporation**  
**Unit Charge / Unit Cost Data**  
**2002 Test Year Data**

Rate Schedule	Type of Charge	Current Rate	Proposed Rate	Unit Cost	Unit Cost Reference	Explanation
<b>SS-3</b>	<b>Customer Charge - \$ per Line of Billing</b>					
	Secondary	101.70	101.70	101.70	E-17 Sup D	Set at Unit Cost
	Primary	238.00	238.00	238.00	E-17 Sup D	Set at Unit Cost
	Transmission	820.00	820.00	820.00	E-17 Sup D	Set at Unit Cost
	Customer Owned	82.00	82.00			No Change Proposed, per cogen agreements
	<b>Base Rate Energy Customer Charge - cents per KWH</b>	0.697	0.708	0.708	E-17 Sup D	Set at Unit Cost
	<b>Distribution Charge - \$ per KW</b>					
	Applicable to Specified SB Capacity	1.50	2.52	2.52	E-17 Sup D	Set at Unit Cost
	<b>Generation and Transmission Capacity Charge</b>					
	Greater of : - \$ per KW					
	Monthly Reservation Charge					
	Applicable to Specified SB Capacity	0.835	0.731	0.73	E-17 Sup D	Set at Unit Cost
	Peak Day Utilized SB Power Charge of:	0.398	0.348	0.35	E-17 Sup D	Set at Unit Cost
	<b>Curtaillable Capacity Credit - \$ per KW</b>					
	Monthly Reservation Credit	0.321	0.212	0.212	E-17 Sup D	Set at Unit Cost
	Daily Demand Credit	0.153	0.101	0.101	E-17 Sup D	Set at Unit Cost

**Florida Power Corporation**  
**Development of Delivery Voltage Credits**  
Dollars in Thousands

**Assumption:** Credits shall reflect transformation cost portion only of delivery services

Line					
1	<b><u>I. Distribution Primary / Secondary Transformation Costs</u></b>				
2					
3	EPIS Per Table II-A Jurisdictional Separation Study				
4	a. 368 - Line Transformers	\$	387,393		
5	b. Total Distribution Secondary Delivery	\$	807,905		
6					
7	Ratio a/b		47.95%		
8					
9					
10		<b>GSD</b>	<b>CS</b>	<b>IS</b>	<b>Total</b>
11	Distribution Secondary Revenue Requirements				
12	Per Table IV - Class Cost of Service Study	\$	24,001	\$	210
13					\$ 24,211
14	Sum of Monthly Effective Billing KW	30,622,260	1,467	229,344	30,853,071
15	Weighted Average Unit Cost - \$ per KW Month				\$ 0.78
16					
17	Times Ratio				47.95%
18					
19	Equals Transformation Unit Cost				\$ 0.38
20					
21					
22	<b><u>II. Transmission / Distribution Primary Transformation Costs</u></b>				
23					
24	EPIS Per Table II-A Jurisdictional Separation Study				
25	a. 362 - Station Equipment	\$	352,028		
26	b. Total Distribution Primary Delivery	\$	1,171,725		
27					
28	Ratio a/b		30.04%		
29					
30					
31		<b>GSD</b>	<b>CS</b>	<b>IS</b>	<b>Total</b>
32	Distribution Primary Revenue Requirements				
33	Per Table IV - Class Cost of Service Study	\$	62,133	\$	1,066
34				\$	7,298
35	Sum of Monthly Effective Billing KW	36,089,352	517,724	4,529,125	41,136,201
36	Weighted Average Unit Cost - \$ per KW Month				\$ 1.71
37					
38	Times Ratio				30.04%
39					
40	Equals Transformation Unit Cost				\$ 0.51
41					
42					
43	<b>Summary Proposed Delivery Voltage Credits - per KW of billing Demand</b>				
44	for Distribution Primary Delivery				\$ 0.38
45	for Transmission Delivery				\$ 0.89



**Florida Power Corporation**  
**Development of Revenue Requirements**  
**to Electric Plant in Service Ratios**  
**Dollars in Thousands**

Line		Distribution Secondary Facilities	Lighting Fixtures Facilities	Lighting Poles Facilities
1				
2	a. Annual Revenue Requirements (Cost of Service)			
3	per Functional Cost of Service Study	\$ 142,198	\$ 26,360	\$ 14,636
4				
5	Add Back Equipment Rental Revenue Credit	6,720	-	-
6	Exclude Separately Recovered Maintenance Charges		(6,151)	
7				
8	Subtotal Revenue Requirements	<u>\$ 148,918</u>	<u>\$ 20,209</u>	<u>\$ 14,636</u>
9				
10				
11				
12	b. EPIS per Functional COS Study (excludes General Plant)	\$ 807,905	\$ 122,903	\$ 74,247
13	Less Investment in Inactive Facilities		(2,318)	(1,312)
14	Equals Active/Billable Facilities	<u>\$ 807,905</u>	<u>\$ 120,585</u>	<u>\$ 72,935</u>
15				
16				
17	c. Ratio a/b -			
18	Annual	18.43%	16.76%	20.07%
19	Monthly	1.54%	1.40%	1.67%
20				
21				
22				
23	<b>Current Charges</b>	1.67%	1.46%	1.67%
24				
25	<b>Proposed Charges</b>	1.67%	1.46%	1.67%

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**Florida Power Corporation**  
**Development of Standby Customer Rate Charges**  
**Projected 2002 Data**  
**\$000's**

**Summary of Retail Cost of Service by Functional Component**  
**Production Capacity Allocation Method 12CP and 25% AD**

**I. Development of Retail System Power Supply Unit Cost**

Line	Description	(A) Total Retail Cost of Svc	(B) Retail Units	(C) Unit of Measure at Source Level	(D) Unit Cost at Generation Level	(E) Secondary Delivery Level Factor	(F) Unit Cost at Sec Del Level
1	Production Capacity - 75% Component	\$ 425,947	6,542,167	Avg Monthly CP	\$ 5.43 per KW Month	0.941762	\$ 5.76
2	Production Capacity - 25% Component	141,982	39,309,944	MWH	\$ 3.61 per MWH	0.941762	\$ 3.84
3	Production Energy	119,942	39,309,944	MWH	\$ 3.05 per MWH	0.941762	\$ 3.24
4	Transmission	115,974	6,636,250	Avg Monthly CP	\$ 1.46 per KW Month	0.941762	\$ 1.55
5	Distribution Primary	221,607					
6	Distribution Secondary	142,199					
7	Distribution Services	61,733					
8	Metering	37,556					
9	Interruptible Equipment	393					
10	Lighting Fixtures/Maintenance	26,350					
11	Lighting Poles	14,627					
12	Customer Billing , Info, etc.	88,944					
13							
14	Total	<u>\$1,397,254</u>					

**II. Development of GSD Rate Class' Distribution Unit Cost**

		(a)	(b)	(c)
		\$000's	Sum Individual	
		GSD Class	Annual Max	Unit Cost
		Cost of Svc	KW Demand	a/b*1000/12
15	Distribution Primary	\$ 62,133	3,029,387	1.71 per KW Month
16	Distribution Secondary	24,001	2,459,905	0.81 per KW Month
17				
18	Total	<u>\$ 86,134</u>		<u>\$ 2.52</u>

**Florida Power Corporation**  
**Development of Standby Customer Rate Charges**  
**Projected 2002 Data**  
**\$000's**

**Development of Demand and Energy Charges Stated at Secondary Delivery and Metering Voltage**  
**Production Capacity Allocation Method 12CP and 25% AD**

Line	I. Customer Charge:	Amount	Reference
1	A. SS - 1 & SS - 3		
2	1. Secondary	\$ 101.70 / Month	CS-1 Customer Charge + \$25.00
3	2. Primary	\$ 238.00 / Month	CS-1 Customer Charge + \$25.00
4	3. Transmission	\$ 820.00 / Month	CS-1 Customer Charge + \$25.00
5			
6	B. SS - 2		
7	1. Secondary	\$ 306.70 / Month	IS-1 Customer Charge + \$25.00
8	2. Primary	\$ 443.00 / Month	IS-1 Customer Charge + \$25.00
9	3. Transmission	\$ 1,025.00 / Month	IS-1 Customer Charge + \$25.00
10			
11			
12	<b>II. Base Rate Energy Customer Charge:</b>	\$ 7.08 / MWH	Per Page 1, Production Capacity 25% Component + Production Energy Component
13			
14			
15	<b>III. Distribution Charge:</b>		
16	Applicable to Specified SB Capacity	\$ 2.52 / KW Month	Per Page 1 - Distribution Unit Cost
17			
18			
19	<b>IV. Generation and Transmission Capacity Charge:</b>		
20	Greater of :		
21	A. Monthly Reservation Charge		
22	Applicable to Specified SB Capacity	\$ 0.731 / KW Month	Per Page 1, Sum of Production Capacity 75% Component plus Transmission times assumed unavailability of 10%
23			
24			
25			
26	B. Peak Day Utilized SB Power Charge of:	\$ 0.348 / KW Day	Per Page 1, Sum of Production Capacity 75% Component plus Transmission divided by 21 Peak Days per Month
27			
28			
29			
30	<b>V. Non-Firm Service Credits</b>		
31	A. Curtailable		
32	1. Monthly Reservation Credit	\$ 0.212 / KW Month	\$2.12 / KW curtailable capacity credit times assumed unavailability of 10%
33			
34	2. Daily Demand Credit	\$ 0.101 / KW Day	\$2.12 / KW curtailable capacity credit divided by 21 Peak Days per Month
35			
36	B. Interruptible		
37	1. Monthly Reservation Credit	\$ 0.282 / KW Month	\$2.82 / KW interruptible capacity credit times assumed unavailability of 10%
38			
39	2. Daily Demand Credit	\$ 0.134 / KW Day	\$2.82 / KW interruptible capacity credit divided by 21 Peak Days per Month
40			

## Development of Proposed Interruptible Credit

### Cost Effectiveness of Existing IS/CS Customers

An analysis of the cost effectiveness of the existing IS/CS customers was performed by the Generation Modeling and Analysis Section of the System Resource Planning Department.

The cost effectiveness of 313 MW of existing IS/CS customers was evaluated over a thirty year period using the Strategist™ model. The analysis determined the level of incentive payments that FPC could afford to pay the existing IS/CS customers to achieve a 1.0 or a 1.2 benefit/cost ratio using the Ratepayer Impact Measure test. The cost effectiveness results for the Participant and Total Resource Cost tests were also calculated.

Strategist™ is a computer software system developed by New Energy Associates, LLC. The Differential Cost Effectiveness Module (DCE) of Strategist™ is the detailed tool that analyzes the impact of individual alternatives from a variety of perspectives. DCE permits screening of alternatives based on standard cost-effectiveness measures. These may be calculated as benefit/cost ratios or net present values from the following perspectives:

- Participant
- Utility
- Total Resource Cost (TRC)
- Societal
- Ratepayer Impact Measure (RIM)

DCE determines benefits based on marginal energy costs which are calculated dynamically through an explicit production cost simulation incorporating each alternative's hourly load impact. DCE's dynamic modeling capability provides a significant advantage over static models, which tend to overstate the benefit of alternatives since hourly energy and capacity benefits are not taken into consideration.

The cost effectiveness results for the existing IS/CS customers are provided in the following pages.

IS/CS Cost-Effectiveness Results -- All Existing IS/CS Customers		
	RIM=1.0	RIM=1.2
BREAKEVEN INCENTIVE (ANNUAL \$)	\$12,234,923	\$9,948,450
Coincident Annual Peak kW Load Reduction	313.19	313.19
BREAKEVEN INCENTIVE (\$/KW-MONTH) (At the Generator)	\$3.26	\$2.65
Factor to Convert Generator kW to Meter kW	0.94	0.94
BREAKEVEN INCENTIVE (\$/KW-MONTH) (At the Meter)	\$3.46	\$2.82

RATE IMPACT MEASURE TEST - WITH INCENTIVES SET TO RESULT IN A RIM OF 1 00

PROGRAM: INTERRUPTIBLE/CURTAILABLE

YEAR	BENEFITS					COSTS								NET BENEFITS TO ALL CUSTOMERS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
	FUEL & O&M SAVINGS \$(000)	AVOIDED T&D CAP. COSTS \$(000)	AVOIDED GEN. CAP. COSTS \$(000)	REVENUE GAINS \$(000)	TOTAL BENEFITS \$(000)	FUEL & O & M INCREASE \$(000)	INCREASED T&D CAP. COSTS \$(000)	INCREASED GEN. CAP. COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	INCENTIVE PAYMENTS \$(000)	REVENUE LOSSES \$(000)	TOTAL COSTS \$(000)		
2001	983	0	0	0	983	0	0	0	75	12,235	356	12,666	-11,683	
2002	1,136	0	8,959	0	10,095	0	0	0	75	12,235	278	12,588	-2,493	
2003	587	0	9,147	0	9,734	0	0	0	75	12,235	215	12,525	-2,790	
2004	955	0	9,491	0	10,446	0	0	0	75	12,235	64	12,374	-1,928	
2005	1,029	0	9,690	0	10,719	0	0	0	75	12,235	67	12,377	-1,658	
2006	0	0	12,833	0	12,833	6,653	0	0	75	12,235	61	19,024	-6,190	
2007	0	0	13,103	0	13,103	9,161	0	0	75	12,235	193	21,664	-8,561	
2008	0	0	15,820	0	15,820	7,033	0	0	75	12,235	185	19,528	-3,708	
2009	2,924	0	13,659	0	16,583	0	0	0	75	12,235	147	12,457	4,125	
2010	1,050	0	13,946	0	14,996	0	0	0	75	12,235	196	12,506	2,490	
2011	4,110	0	12,681	0	16,792	0	0	0	75	12,235	197	12,507	4,285	
2012	3,861	0	12,948	0	16,809	0	0	0	75	12,235	191	12,501	4,309	
2013	3,927	0	13,220	0	17,147	0	0	0	75	12,235	111	12,421	4,725	
2014	3,890	0	13,497	0	17,387	0	0	0	75	12,235	111	12,421	4,966	
2015	4,271	0	13,781	0	18,052	0	0	0	75	12,235	153	12,463	5,589	
2016	3,959	0	14,070	0	18,029	0	0	0	75	12,235	202	12,512	5,517	
2017	4,902	0	14,366	0	19,267	0	0	0	75	12,235	202	12,512	6,755	
2018	4,728	0	14,667	0	19,395	0	0	0	75	12,235	202	12,512	6,883	
2019	4,356	0	14,975	0	19,331	0	0	0	75	12,235	202	12,512	6,819	
2020	4,088	0	15,290	0	19,377	0	0	0	75	12,235	202	12,512	6,865	
2021	4,234	0	15,611	0	19,845	0	0	0	75	12,235	202	12,512	7,332	
2022	4,274	0	15,939	0	20,213	0	0	0	75	12,235	202	12,512	7,700	
2023	5,356	0	16,273	0	21,629	0	0	0	75	12,235	202	12,512	9,117	
2024	4,541	0	16,615	0	21,156	0	0	0	75	12,235	202	12,512	8,644	
2025	4,930	0	16,964	0	21,894	0	0	0	75	12,235	202	12,512	9,381	
2026	4,890	0	17,320	0	22,211	0	0	0	75	12,235	252	12,562	9,648	
2027	5,820	0	17,684	0	23,504	0	0	0	75	12,235	165	12,475	11,029	
2028	5,581	0	18,055	0	23,637	0	0	0	75	12,235	165	12,475	11,162	
2029	6,215	0	18,435	0	24,650	0	0	0	75	12,235	165	12,475	12,175	
2030	5,905	0	18,822	0	24,726	0	0	0	75	12,235	171	12,481	12,245	
NOMINAL	102,500	0	417,863	0	520,362	22,848	0	0	2,250	367,048	5,468	397,613	122,749	
NPV	23,840	0	127,143	0	150,983	13,471	0	0	825	134,652	2,035	150,983	0	

UTILITY DISCOUNT RATE: 9.22%  
BENEFIT/COST RATIO: 1.00

PARTICIPANT TEST - WITH INCENTIVES SET TO RESULT IN A RIM OF 1 00

PROGRAM: INTERRUPTIBLE/CURTAILABLE

YEAR	BENEFITS				COSTS			NET BENEFITS TO PARTICIPANTS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	SAVINGS IN PARTICIPANT'S BILL \$(000)	INCENTIVE PAYMENTS \$(000)	OTHER PARTICIPANT'S BENEFITS \$(000)	TOTAL BENEFITS \$(000)	PARTICIPANT'S COST \$(000)	PARTICIPANT'S BILL INCREASE \$(000)	TOTAL COSTS \$(000)	
2001	356	12,235	0	12,591	0	0	0	12,591
2002	278	12,235	0	12,513	0	0	0	12,513
2003	215	12,235	0	12,450	0	0	0	12,450
2004	64	12,235	0	12,299	0	0	0	12,299
2005	67	12,235	0	12,302	0	0	0	12,302
2006	61	12,235	0	12,296	0	0	0	12,296
2007	193	12,235	0	12,428	0	0	0	12,428
2008	185	12,235	0	12,420	0	0	0	12,420
2009	147	12,235	0	12,382	0	0	0	12,382
2010	196	12,235	0	12,431	0	0	0	12,431
2011	197	12,235	0	12,432	0	0	0	12,432
2012	191	12,235	0	12,426	0	0	0	12,426
2013	111	12,235	0	12,346	0	0	0	12,346
2014	111	12,235	0	12,346	0	0	0	12,346
2015	153	12,235	0	12,388	0	0	0	12,388
2016	202	12,235	0	12,437	0	0	0	12,437
2017	202	12,235	0	12,437	0	0	0	12,437
2018	202	12,235	0	12,437	0	0	0	12,437
2019	202	12,235	0	12,437	0	0	0	12,437
2020	202	12,235	0	12,437	0	0	0	12,437
2021	202	12,235	0	12,437	0	0	0	12,437
2022	202	12,235	0	12,437	0	0	0	12,437
2023	202	12,235	0	12,437	0	0	0	12,437
2024	202	12,235	0	12,437	0	0	0	12,437
2025	202	12,235	0	12,437	0	0	0	12,437
2026	252	12,235	0	12,487	0	0	0	12,487
2027	165	12,235	0	12,400	0	0	0	12,400
2028	165	12,235	0	12,400	0	0	0	12,400
2029	165	12,235	0	12,400	0	0	0	12,400
2030	171	12,235	0	12,406	0	0	0	12,406
NOMINAL	5,468	367,048	0	372,516	0	0	0	372,516
NPV	2,035	134,652	0	136,687	0	0	0	136,687

UTILITY DISCOUNT RATE: 9.22%

BENEFIT/COST RATIO: 9999

TOTAL RESOURCE COST TEST

PROGRAM: INTERRUPTIBLE/CURTAILABLE

YEAR	BENEFITS					COSTS						(12) NET BENEFITS \$(000)
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) OTHER PARTICIPANT BENEFITS \$(000)	(5) TOTAL BENEFITS \$(000)	(6) PARTICIPANT'S COST \$(000)	(7) TOTAL FUEL & O&M INCREASE \$(000)	(8) INCREASED T&D CAP. COSTS \$(000)	(9) INCREASED GEN. CAP. COSTS \$(000)	(10) UTILITY PROGRAM COSTS \$(000)	(11) TOTAL COSTS \$(000)	
2001	983	0	0	0	983	0	0	0	0	75	75	908
2002	1,136	0	8,959	0	10,095	0	0	0	0	75	75	10,020
2003	587	0	9,147	0	9,734	0	0	0	0	75	75	9,659
2004	955	0	9,491	0	10,446	0	0	0	0	75	75	10,371
2005	1,029	0	9,690	0	10,719	0	0	0	0	75	75	10,644
2006	0	0	12,833	0	12,833	0	6,653	0	0	75	6,728	6,105
2007	0	0	13,103	0	13,103	0	9,161	0	0	75	9,236	3,867
2008	0	0	15,820	0	15,820	0	7,033	0	0	75	7,108	8,713
2009	2,924	0	13,659	0	16,583	0	0	0	0	75	75	16,508
2010	1,050	0	13,946	0	14,996	0	0	0	0	75	75	14,921
2011	4,110	0	12,681	0	16,792	0	0	0	0	75	75	16,717
2012	3,861	0	12,948	0	16,809	0	0	0	0	75	75	16,734
2013	3,927	0	13,220	0	17,147	0	0	0	0	75	75	17,072
2014	3,890	0	13,497	0	17,387	0	0	0	0	75	75	17,312
2015	4,271	0	13,781	0	18,052	0	0	0	0	75	75	17,977
2016	3,959	0	14,070	0	18,029	0	0	0	0	75	75	17,954
2017	4,902	0	14,366	0	19,267	0	0	0	0	75	75	19,192
2018	4,728	0	14,667	0	19,395	0	0	0	0	75	75	19,320
2019	4,356	0	14,975	0	19,331	0	0	0	0	75	75	19,256
2020	4,088	0	15,290	0	19,377	0	0	0	0	75	75	19,302
2021	4,234	0	15,611	0	19,845	0	0	0	0	75	75	19,770
2022	4,274	0	15,939	0	20,213	0	0	0	0	75	75	20,138
2023	5,356	0	16,273	0	21,629	0	0	0	0	75	75	21,554
2024	4,541	0	16,615	0	21,156	0	0	0	0	75	75	21,081
2025	4,930	0	16,964	0	21,894	0	0	0	0	75	75	21,819
2026	4,890	0	17,320	0	22,211	0	0	0	0	75	75	22,136
2027	5,820	0	17,684	0	23,504	0	0	0	0	75	75	23,429
2028	5,581	0	18,055	0	23,637	0	0	0	0	75	75	23,562
2029	6,215	0	18,435	0	24,650	0	0	0	0	75	75	24,575
2030	5,905	0	18,822	0	24,726	0	0	0	0	75	75	24,651
NOMINAL	102,500	0	417,863	0	520,362	0	22,848	0	0	2,250	25,098	495,265
NPV	23,840	0	127,143	0	150,983	0	13,471	0	0	825	14,296	136,687

UTILITY DISCOUNT RATE: 9.22%  
BENEFIT/COST RATIO: 10.56



RATE IMPACT MEASURE TEST - WITH INCENTIVES SET TO RESULT IN A RIM OF 1.20

PROGRAM: INTERRUPTIBLE/CURTAILABLE

YEAR	BENEFITS					COSTS							(13) NET BENEFITS TO ALL CUSTOMERS \$(000)
	(1) FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) REVENUE GAINS \$(000)	(5) TOTAL BENEFITS \$(000)	(6) FUEL & O & M INCREASE \$(000)	(7) INCREASED T&D CAP. COSTS \$(000)	(8) INCREASED GEN. CAP. COSTS \$(000)	(9) UTILITY PROGRAM COSTS \$(000)	(10) INCENTIVE PAYMENTS \$(000)	(11) REVENUE LOSSES \$(000)	(12) TOTAL COSTS \$(000)	
2001	983	0	0	0	983	0	0	0	75	9,948	356	10,380	-9,397
2002	1,136	0	8,959	0	10,095	0	0	0	75	9,948	278	10,301	-207
2003	587	0	9,147	0	9,734	0	0	0	75	9,948	215	10,239	-504
2004	955	0	9,491	0	10,446	0	0	0	75	9,948	64	10,088	358
2005	1,029	0	9,690	0	10,719	0	0	0	75	9,948	67	10,091	628
2006	0	0	12,833	0	12,833	6,653	0	0	75	9,948	61	16,738	-3,904
2007	0	0	13,103	0	13,103	9,161	0	0	75	9,948	193	19,378	-6,275
2008	0	0	15,820	0	15,820	7,033	0	0	75	9,948	185	17,242	-1,421
2009	2,924	0	13,659	0	16,583	0	0	0	75	9,948	147	10,171	6,412
2010	1,050	0	13,946	0	14,996	0	0	0	75	9,948	196	10,220	4,777
2011	4,110	0	12,681	0	16,792	0	0	0	75	9,948	197	10,221	6,571
2012	3,861	0	12,948	0	16,809	0	0	0	75	9,948	191	10,214	6,595
2013	3,927	0	13,220	0	17,147	0	0	0	75	9,948	111	10,135	7,012
2014	3,890	0	13,497	0	17,387	0	0	0	75	9,948	111	10,135	7,252
2015	4,271	0	13,781	0	18,052	0	0	0	75	9,948	153	10,177	7,875
2016	3,959	0	14,070	0	18,029	0	0	0	75	9,948	202	10,226	7,803
2017	4,902	0	14,366	0	19,267	0	0	0	75	9,948	202	10,226	9,041
2018	4,728	0	14,667	0	19,395	0	0	0	75	9,948	202	10,226	9,170
2019	4,356	0	14,975	0	19,331	0	0	0	75	9,948	202	10,226	9,105
2020	4,088	0	15,290	0	19,377	0	0	0	75	9,948	202	10,226	9,151
2021	4,234	0	15,611	0	19,845	0	0	0	75	9,948	202	10,226	9,619
2022	4,274	0	15,939	0	20,213	0	0	0	75	9,948	202	10,226	9,986
2023	5,356	0	16,273	0	21,629	0	0	0	75	9,948	202	10,226	11,403
2024	4,541	0	16,615	0	21,156	0	0	0	75	9,948	202	10,226	10,930
2025	4,930	0	16,964	0	21,894	0	0	0	75	9,948	202	10,226	11,667
2026	4,890	0	17,320	0	22,211	0	0	0	75	9,948	252	10,276	11,934
2027	5,820	0	17,684	0	23,504	0	0	0	75	9,948	165	10,189	13,315
2028	5,581	0	18,055	0	23,637	0	0	0	75	9,948	165	10,189	13,448
2029	6,215	0	18,435	0	24,650	0	0	0	75	9,948	165	10,189	14,461
2030	5,905	0	18,822	0	24,726	0	0	0	75	9,948	171	10,195	14,531
NOMINAL	102,500	0	417,863	0	520,362	22,848	0	0	2,250	298,453	5,468	329,019	191,343
NPV	23,840	0	127,143	0	150,983	13,471	0	0	825	109,488	2,035	125,819	25,164

UTILITY DISCOUNT RATE: 9.22%  
BENEFIT/COST RATIO: 1.20

PARTICIPANT TEST - WITH INCENTIVES SET TO RESULT IN A RIM OF 1.20

PROGRAM: INTERRUPTIBLE/CURTAILABLE

YEAR	BENEFITS				COSTS			(8) NET BENEFITS TO PARTICIPANTS \$(000)
	(1) SAVINGS IN PARTICIPANT'S BILL, \$(000)	(2) INCENTIVE PAYMENTS \$(000)	(3) OTHER PARTICIPANT'S BENEFITS \$(000)	(4) TOTAL BENEFITS \$(000)	(5) PARTICIPANT'S COST \$(000)	(6) PARTICIPANT'S BILL INCREASE \$(000)	(7) TOTAL COSTS \$(000)	
2001	356	9,948	0	10,305	0	0	0	10,305
2002	278	9,948	0	10,226	0	0	0	10,226
2003	215	9,948	0	10,164	0	0	0	10,164
2004	64	9,948	0	10,013	0	0	0	10,013
2005	67	9,948	0	10,016	0	0	0	10,016
2006	61	9,948	0	10,009	0	0	0	10,009
2007	193	9,948	0	10,142	0	0	0	10,142
2008	185	9,948	0	10,134	0	0	0	10,134
2009	147	9,948	0	10,096	0	0	0	10,096
2010	196	9,948	0	10,145	0	0	0	10,145
2011	197	9,948	0	10,146	0	0	0	10,146
2012	191	9,948	0	10,139	0	0	0	10,139
2013	111	9,948	0	10,060	0	0	0	10,060
2014	111	9,948	0	10,060	0	0	0	10,060
2015	153	9,948	0	10,102	0	0	0	10,102
2016	202	9,948	0	10,151	0	0	0	10,151
2017	202	9,948	0	10,151	0	0	0	10,151
2018	202	9,948	0	10,151	0	0	0	10,151
2019	202	9,948	0	10,151	0	0	0	10,151
2020	202	9,948	0	10,151	0	0	0	10,151
2021	202	9,948	0	10,151	0	0	0	10,151
2022	202	9,948	0	10,151	0	0	0	10,151
2023	202	9,948	0	10,151	0	0	0	10,151
2024	202	9,948	0	10,151	0	0	0	10,151
2025	202	9,948	0	10,151	0	0	0	10,151
2026	252	9,948	0	10,201	0	0	0	10,201
2027	165	9,948	0	10,114	0	0	0	10,114
2028	165	9,948	0	10,114	0	0	0	10,114
2029	165	9,948	0	10,114	0	0	0	10,114
2030	171	9,948	0	10,120	0	0	0	10,120
NOMINAL	5,468	298,453	0	303,922	0	0	0	303,922
NPV	2,035	109,488	0	111,523	0	0	0	111,523

UTILITY DISCOUNT RATE: 9.22%  
BENEFIT/COST RATIO: 9999

TOTAL RESOURCE COST TEST

PROGRAM: INTERRUPTIBLE/CURTAILABLE

YEAR	BENEFITS					COSTS						NET BENEFITS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	TOTAL FUEL & O&M SAVINGS \$(000)	AVOIDED T&D CAP. COSTS \$(000)	AVOIDED GEN. CAP. COSTS \$(000)	OTHER PARTICIPANT BENEFITS \$(000)	TOTAL BENEFITS \$(000)	PARTICIPANT'S COST \$(000)	TOTAL FUEL & O&M INCREASE \$(000)	INCREASED T&D CAP. COSTS \$(000)	INCREASED GEN. CAP. COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	TOTAL COSTS \$(000)	
2001	983	0	0	0	983	0	0	0	0	75	75	908
2002	1,136	0	8,959	0	10,095	0	0	0	0	75	75	10,020
2003	587	0	9,147	0	9,734	0	0	0	0	75	75	9,659
2004	955	0	9,491	0	10,446	0	0	0	0	75	75	10,371
2005	1,029	0	9,690	0	10,719	0	0	0	0	75	75	10,644
2006	0	0	12,833	0	12,833	0	6,653	0	0	75	6,728	6,105
2007	0	0	13,103	0	13,103	0	9,161	0	0	75	9,236	3,867
2008	0	0	15,820	0	15,820	0	7,033	0	0	75	7,108	8,713
2009	2,924	0	13,659	0	16,583	0	0	0	0	75	75	16,508
2010	1,050	0	13,946	0	14,996	0	0	0	0	75	75	14,921
2011	4,110	0	12,681	0	16,792	0	0	0	0	75	75	16,717
2012	3,861	0	12,948	0	16,809	0	0	0	0	75	75	16,734
2013	3,927	0	13,220	0	17,147	0	0	0	0	75	75	17,072
2014	3,890	0	13,497	0	17,387	0	0	0	0	75	75	17,312
2015	4,271	0	13,781	0	18,052	0	0	0	0	75	75	17,977
2016	3,959	0	14,070	0	18,029	0	0	0	0	75	75	17,954
2017	4,902	0	14,366	0	19,267	0	0	0	0	75	75	19,192
2018	4,728	0	14,667	0	19,395	0	0	0	0	75	75	19,320
2019	4,356	0	14,975	0	19,331	0	0	0	0	75	75	19,256
2020	4,088	0	15,290	0	19,377	0	0	0	0	75	75	19,302
2021	4,234	0	15,611	0	19,845	0	0	0	0	75	75	19,770
2022	4,274	0	15,939	0	20,213	0	0	0	0	75	75	20,138
2023	5,356	0	16,273	0	21,629	0	0	0	0	75	75	21,554
2024	4,541	0	16,615	0	21,156	0	0	0	0	75	75	21,081
2025	4,930	0	16,964	0	21,894	0	0	0	0	75	75	21,819
2026	4,890	0	17,320	0	22,211	0	0	0	0	75	75	22,136
2027	5,820	0	17,684	0	23,504	0	0	0	0	75	75	23,429
2028	5,581	0	18,055	0	23,637	0	0	0	0	75	75	23,562
2029	6,215	0	18,435	0	24,650	0	0	0	0	75	75	24,575
2030	5,905	0	18,822	0	24,726	0	0	0	0	75	75	24,651
NOMINAL	102,500	0	417,863	0	520,362	0	22,848	0	0	2,250	25,098	495,265
NPV	23,840	0	127,143	0	150,983	0	13,471	0	0	825	14,296	136,687

UTILITY DISCOUNT RATE: 9.22%  
BENEFIT/COST RATIO: 10.56

FLORIDA POWER CORPORATION  
ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS  
FOR THE PERIOD JANUARY 2001 THROUGH DECEMBER 2001

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## RETAIL RATE SCHEDULES

LINE NO.	RESIDENTIAL	GEN SERV NON-DEMAND	GEN SERV 100% L.F.	GEN SERV DEMAND	CURTAILABLE	INTERRUPTIBLE	LIGHTING	TOTAL
1 DEMAND ALLOCATION PERCENTAGE (12CP and 1/13th AD Method)	61.229%	3.144%	0.133%	29.894%	0.344%	5.100%	0.156%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$36,206,423	\$1,859,135	\$78,647	\$17,677,160	\$203,417	\$3,015,773	\$92,247	\$59,132,801
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$4,283,021)	(\$219,925)	(\$9,303)	(\$2,091,111)	(\$24,063)	(\$356,749)	(\$10,912)	(\$6,995,085)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$31,923,402	\$1,639,210	\$69,344	\$15,586,049	\$179,354	\$2,659,024	\$81,335	\$52,137,716
5 ENERGY ALLOCATION PERCENTAGE	49.474%	3.375%	0.189%	38.011%	0.490%	7.719%	0.732%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$6,373,265	\$434,769	\$25,835	\$4,896,596	\$63,122	\$994,365	\$94,297	\$12,882,050
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$754,022)	(\$51,438)	(\$3,033)	(\$579,317)	(\$7,468)	(\$117,644)	(\$11,156)	(\$1,524,078)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$5,619,243	\$383,331	\$22,802	\$4,317,279	\$55,654	\$876,721	\$83,141	\$11,357,972
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$42,579,688	\$2,293,904	\$104,282	\$22,573,756	\$266,539	\$4,010,138	\$186,544	\$72,014,851
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3+7)	(\$5,037,043)	(\$271,363)	(\$12,336)	(\$2,670,428)	(\$31,531)	(\$474,393)	(\$22,068)	(\$8,519,163)
11 TOTAL (LINE 9+10)	\$37,542,645	\$2,022,541	\$91,946	\$19,903,328	\$235,008	\$3,535,745	\$164,476	\$63,495,688
12 RETAIL SALES MWH(@ EFFECTIVE VOLTAGE LEVEL SEE P. 4)	17,991,471	1,227,614	72,411	13,857,663	180,538	2,842,899	266,206	36,438,802
13 COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	\$2.0867	\$1.6475	\$1.2698	\$1.4363	\$1.3017	\$1.2437	\$0.6179	
14 REGULATORY ASSESSMENT TAX EXPANSION FACTOR (IN ACCORDANCE WITH ORDER NO. PSC 95-0398-FOF-EG)	1.000228	1.000228	1.000228	1.000228	1.000228	1.000228	1.000228	
15 ADJUSTMENT FACTOR ADJUSTED FOR TAXES	2.0872	1.6479	1.2701	1.4366	1.302	1.244	0.618	
16 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
17 @ SECONDARY VOLTAGE	\$2.09	\$1.65	\$1.27	\$1.44	\$1.30	\$1.24	\$0.62	
18 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$1.63	N/A	\$1.43	\$1.29	\$1.23	N/A	
19 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$1.62	N/A	\$1.41	\$1.27	\$1.22	N/A	

**FLORIDA POWER CORPORATION  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF CAPACITY COST RECOVERY FACTOR  
For the Year 2001**

12 CP and 25% AD Method

197

	(1) Average 12 CP Demand Mw	(2) % %	(3) Annual Average Demand Mw	(4) % %	(5) 12/13 of 12 CP 12/13 * (2)	(6) 1/13 of Annual Demand 1/13 * (4)	(7) Demand Allocation (5) + (6)	(8) Dollar Allocation (7) * Total	(9) Effective Mwh's @ Secondary Level Year 2001	(10) Capacity Cost Recovery Factor (c/Kwh)
I. Residential Service	4,226.43	62.209%	2,168.16	49.474%	57.423%	3.806%	61.229%	199,399,887	17,991,471	1.108
II. General Service Non-Demand										
Transmission									2,563	0.817
Primary									6,770	0.826
Secondary									1,218,281	0.834
Total Gen Serv Non-Demand	212.24	3.124%	147.93	3.375%	2.884%	0.260%	3.144%	10,238,829	1,227,614	
III. GS - 100% L.F.	8.73	0.128%	8.73	0.199%	0.118%	0.015%	0.133%	433,131	72,411	0.598
IV. General Service Demand										
Transmission									11,345	0.688
Primary									2,643,460	0.695
Secondary									11,202,858	0.703
Total Gen Service Demand	1,985.02	29.218%	1,665.81	38.011%	26.970%	2.924%	29.894%	97,353,545	13,857,663	
V. Curtailable Service										
Transmission									0	0.608
Primary									180,055	0.614
Secondary									483	0.621
Total Curtailable Service	22.47	0.331%	21.48	0.490%	0.306%	0.038%	0.344%	1,120,279	180,538	
VI. Interruptible Service										
Transmission									612,557	0.573
Primary									2,129,463	0.578
Secondary									100,879	0.584
Total Interruptible Service	331.68	4.882%	338.28	7.719%	4.506%	0.594%	5.100%	16,608,787	2,842,899	
VII. Lighting Service	7.36	0.108%	32.08	0.732%	0.100%	0.056%	0.156%	508,034	266,206	0.191
<b>Total Retail</b>	<b>6,793.93</b>	<b>100.000%</b>	<b>4,382.47</b>	<b>100.000%</b>	<b>92.307%</b>	<b>7.693%</b>	<b>100.000%</b>	<b>325,662,492</b>	<b>36,438,802</b>	<b>0.89218</b>

FLORIDA POWER CORPORATION  
ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS  
FOR THE PERIOD JANUARY 2001 THROUGH DECEMBER 2001

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## RETAIL RATE SCHEDULES

LINE NO.	RESIDENTIAL	GEN SERV NON-DEMAND	GEN SERV 100% L.F.	GEN SERV DEMAND	CURTAILABLE	INTERRUPTIBLE	LIGHTING	TOTAL
1 DEMAND ALLOCATION PERCENTAGE (12CP and 25% AD Method)	59.024%	3.187%	0.146%	31.416%	0.371%	5.592%	0.264%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$34,902,544	\$1,884,562	\$86,334	\$18,577,161	\$219,383	\$3,306,706	\$156,111	\$59,132,801
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$4,128,779)	(\$222,933)	(\$10,213)	(\$2,197,576)	(\$25,952)	(\$391,165)	(\$18,467)	(\$6,995,085)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$30,773,765	\$1,661,629	\$76,121	\$16,379,585	\$193,431	\$2,915,541	\$137,644	\$52,137,716
5 ENERGY ALLOCATION PERCENTAGE	49.474%	3.375%	0.199%	38.011%	0.490%	7.719%	0.732%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$6,373,265	\$434,769	\$25,635	\$4,896,596	\$63,122	\$994,365	\$94,297	\$12,882,050
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$754,022)	(\$51,438)	(\$3,033)	(\$579,317)	(\$7,468)	(\$117,644)	(\$11,156)	(\$1,524,078)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$5,619,243	\$383,331	\$22,602	\$4,317,279	\$55,654	\$876,721	\$83,141	\$11,357,972
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$41,275,809	\$2,319,331	\$111,969	\$23,473,757	\$282,505	\$4,301,071	\$250,408	\$72,014,851
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3+7)	(\$4,882,801)	(\$274,371)	(\$13,246)	(\$2,776,893)	(\$33,420)	(\$508,809)	(\$29,623)	(\$8,519,163)
11 TOTAL (LINE 9+10)	\$36,393,008	\$2,044,960	\$98,723	\$20,696,864	\$249,085	\$3,792,262	\$220,785	\$63,495,688
12 RETAIL SALES MWH(@ EFFECTIVE VOLTAGE LEVEL SEE P. 4)	17,991,471	1,227,614	72,411	13,857,663	180,538	2,842,899	266,206	36,438,802
13 COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	\$2.0228	\$1.6658	\$1.3634	\$1.4935	\$1.3797	\$1.3339	\$0.8294	
14 REGULATORY ASSESSMENT TAX EXPANSION FACTOR (IN ACCORDANCE WITH ORDER NO. PSC 95-0398-FOF-EG)	1.000228	1.000228	1.000228	1.000228	1.000228	1.000228	1.000228	
15 ADJUSTMENT FACTOR ADJUSTED FOR TAXES	2.0233	1.6662	1.3637	1.4938	1.38	1.3342	0.8296	
16 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
17 @ SECONDARY VOLTAGE	\$2.02	\$1.67	\$1.36	\$1.49	\$1.38	\$1.33	\$0.83	
18 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$1.65	N/A	\$1.48	\$1.37	\$1.32	N/A	
19 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$1.64	N/A	\$1.46	\$1.35	\$1.30	N/A	

**FLORIDA POWER CORPORATION  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF CAPACITY COST RECOVERY FACTOR  
For the Year 2001**

12 CP and 25% AD Method

669

	(1) Average 12 CP Demand Mw	(2) % %	(3) Annual Average Demand Mw	(4) % %	(5) 75% of Annual Demand .75 * (2)	(6) 25% of Annual Demand .25 * (4)	(7) Demand Allocation (5) + (6)	(8) Dollar Allocation (7) * Total	(9) Effective Mwh's @ Secondary Level Year 2001	(10) Capacity Cost Recovery Factor (c/Kwh)
I. Residential Service	4,226.43	62.209%	2,168.16	49.474%	46.656%	12.368%	59.024%	192,219,029	17,991,471	1.068
II. General Service Non-Demand										
Transmission									2,563	0.829
Primary									6,770	0.837
Secondary									1,218,281	0.845
Total Gen Serv Non-Demand	212.24	3.124%	147.93	3.375%	2.343%	0.844%	3.187%	10,378,864	1,227,614	
III. GS - 100% L.F.	8.73	0.128%	8.73	0.199%	0.096%	0.050%	0.146%	475,467	72,411	0.657
IV. General Service Demand										
Transmission									11,345	0.724
Primary									2,643,460	0.731
Secondary									11,202,858	0.738
Total Gen Service Demand	1,985.02	29.218%	1,665.81	38.011%	21.914%	9.502%	31.416%	102,310,128	13,857,663	
V. Curtailable Service										
Transmission									0	0.656
Primary									180,055	0.663
Secondary									483	0.669
Total Curtailable Service	22.47	0.331%	21.48	0.490%	0.248%	0.123%	0.371%	1,208,208	180,538	
VI. Interruptible Service										
Transmission									612,557	0.628
Primary									2,129,463	0.634
Secondary									100,879	0.641
Total Interruptible Service	331.68	4.882%	338.28	7.719%	3.662%	1.930%	5.592%	18,211,047	2,842,899	
VII. Lighting Service	7.36	0.108%	32.08	0.732%	0.081%	0.183%	0.264%	859,750	266,206	0.323
Total Retail	6,793.93	100.000%	4,382.47	100.000%	75.000%	25.000%	100.000%	325,662,493	36,438,802	0.89218

FLORIDA POWER CORPORATION  
ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS  
FOR THE PERIOD JANUARY 2001 THROUGH DECEMBER 2001

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## RETAIL RATE SCHEDULES

LINE NO	RESIDENTIAL	GEN SERV NON-DEMAND	GEN SERV 100% L.F	GEN SERV DEMAND	CURTAILABLE	INTERRUPTIBLE	LIGHTING	TOTAL
1 DEMAND ALLOCATION PERCENTAGE (12 CP & 25%AD) (Reflects proposed reductions in IS/CS credits see p.3 of 3)	59 024%	3 187%	0.146%	31 416%	0 371%	5.592%	0.264%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$29,012,943	\$1,566,553	\$71,766	\$15,442,373	\$182,363	\$2,748,719	\$129,768	\$49,154,485
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$4,128,779)	(\$222,933)	(\$10,213)	(\$2,197,576)	(\$25,952)	(\$391,165)	(\$18,467)	(\$6,995,085)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$24,884,164	\$1,343,620	\$61,553	\$13,244,797	\$156,411	\$2,357,554	\$111,301	\$42,159,400
5 ENERGY ALLOCATION PERCENTAGE	49.474%	3.375%	0.199%	38.011%	0.490%	7.719%	0 732%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$6,373,265	\$434,769	\$25,635	\$4,896,596	\$63,122	\$994,365	\$94,297	\$12,882,050
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$754,022)	(\$51,438)	(\$3,033)	(\$579,317)	(\$7,468)	(\$117,644)	(\$11,156)	(\$1,524,078)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$5,619,243	\$383,331	\$22,602	\$4,317,279	\$55,654	\$876,721	\$83,141	\$11,357,972
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$35,386,208	\$2,001,322	\$97,401	\$20,338,969	\$245,485	\$3,743,084	\$224,065	\$62,036,535
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3+7)	(\$4,882,801)	(\$274,371)	(\$13,246)	(\$2,776,893)	(\$33,420)	(\$508,809)	(\$29,623)	(\$8,519,163)
11 TOTAL (LINE 9+10)	\$30,503,407	\$1,726,951	\$84,155	\$17,562,076	\$212,065	\$3,234,275	\$194,442	\$53,517,372
12 RETAIL SALES MWH(@ EFFECTIVE VOLTAGE LEVEL SEE P. 4)	17,991,471	1,227,614	72,411	13,857,663	180,538	2,842,899	266,206	36,438,802
13 COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	\$1 6954	\$1.4068	\$1.1622	\$1 2673	\$1.1746	\$1.1377	\$0.7304	
14 REGULATORY ASSESSMENT TAX EXPANSION FACTOR (IN ACCORDANCE WITH ORDER NO. PSC 95-0398-FOF-EG)	1.000228	1 000228	1.000228	1.000228	1.000228	1.000228	1 000228	
15 ADJUSTMENT FACTOR ADJUSTED FOR TAXES	1 6958	1 4071	1.1625	1.2676	1 1749	1 138	0.7306	
16 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
17 @ SECONDARY VOLTAGE	\$1.70	\$1 41	\$1.16	\$1.27	\$1 17	\$1 14	\$0 73	
18 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$1.40	N/A	\$1.26	\$1.16	\$1 13	N/A	
19 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$1 38	N/A	\$1.24	\$1.15	\$1 12	N/A	



**FLORIDA POWER CORPORATION  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF CAPACITY COST RECOVERY FACTOR  
For the Year 2001**

12 CP and 25% AD Method

201

	(1) Average 12 CP Demand Mw	(2) % %	(3) Annual Average Demand Mw	(4) % %	(5) 75% of Annual Demand .75 * (2)	(6) 25% of Annual Demand .25 * (4)	(7) Demand Allocation (5) + (6)	(8) Dollar Allocation (7) * Total	(9) Effective Mwh's @ Secondary Level Year 2001	(10) Capacity Cost Recovery Factor (c/Kwh)
I. Residential Service	4,226.43	62.209%	2,168.16	49.474%	46.656%	12.368%	59.024%	192,219,029	17,991,471	1.068
II. General Service Non-Demand										
Transmission									2,563	0.829
Primary									6,770	0.837
Secondary									<u>1,218,281</u>	0.845
Total Gen Serv Non-Demand	212.24	3.124%	147.93	3.375%	2.343%	0.844%	3.187%	10,378,864	1,227,614	
III. GS - 100% L.F.	8.73	0.128%	8.73	0.199%	0.096%	0.050%	0.146%	475,467	72,411	0.657
IV. General Service Demand										
Transmission									11,345	0.724
Primary									2,643,460	0.731
Secondary									<u>11,202,858</u>	0.738
Total Gen Service Demand	1,985.02	29.218%	1,665.81	38.011%	21.914%	9.502%	31.416%	102,310,128	13,857,663	
V. Curtailable Service										
Transmission									0	0.656
Primary									180,055	0.663
Secondary									483	0.669
Total Curtailable Service	22.47	0.331%	21.48	0.490%	0.248%	0.123%	0.371%	1,208,208	180,538	
VI. Interruptible Service										
Transmission									612,557	0.628
Primary									2,129,463	0.634
Secondary									<u>100,879</u>	0.641
Total Interruptible Service	331.68	4.882%	338.28	7.719%	3.662%	1.930%	5.592%	18,211,047	2,842,899	
VII. Lighting Service	7.36	0.108%	32.08	0.732%	0.081%	0.183%	0.264%	859,750	266,206	0.323
Total Retail	6,793.93	100.000%	4,382.47	100.000%	75.000%	25.000%	100.000%	325,662,493	36,438,802	0.89218

**Florida Power Corporation  
Development of IS/CS DSM Credits**

11/09/2001 11:02

Proposed Rates						
IS-2		CS-2		SS-2	SS-3	
Class base kW	5,389,869		370,881	Specified Capacity	370,100	150,537
Class KWH	2,215,039,000		181,811,000	SC Credit	\$0.282	\$0.212
Class LF	56.3%		67.2%	Credit \$	\$104,368	\$31,914
Eligible KW	4,705,208		359,696	Daily Demand	7,059,406	0
Credit/KW	\$2.82		\$2.12	DD Credit	\$0.134	\$0.101
Proposed Credit	\$7,470,271		\$512,437	Credit \$	\$945,960	\$0
				Proposed Credit	\$1,050,328	\$31,914

Current Credits						
IS-1		CS-1		SS-2	SS-3	
Eligible KW	4,633,045	Eligible KW	359,696	Specified Capacity	370,100	150,537
Credit/KW	\$3.37	Credit/KW	\$2.33	SC Credit	\$0.642	\$0.321
IS-1 LF	N/A	CS-1 LF	N/A	Credit \$	\$237,604	\$48,322
IS-1 Credits	\$15,613,362	CS-1 Credits	\$838,092			
				Daily Demand	7,059,406	0
IS-2		CS-2		DD Credit	\$0.306	\$0.153
Eligible KW	72,163	Eligible KW		Credit \$	\$2,160,178	\$0
Credit/KW	\$2.86	Credit/KW				
IS-2 LF	70.6%	CS-2 LF				
IS-2 Credits	\$145,709	CS-2 Credits				
Total Current Credits	\$15,759,071		\$838,092		\$2,397,782	\$48,322

## SUMMARY NON-FIRM CREDITS

	<b>CURRENT CREDITS</b>	<b>PROPOSED CREDITS</b>	<b>DIFFERENCE</b>
IS-1, IS-2	\$15,759,071	\$7,470,271	\$8,288,800
CS-1	\$838,092	\$512,437	\$325,655
SS-2	\$2,397,782	\$1,050,328	\$1,347,454
SS-3	\$48,322	\$31,914	\$16,408
	\$19,043,266	\$9,064,950	
<b>TOTAL REDUCTION IN CREDIT</b>			<b>\$9,978,316</b>

FLORIDA PUBLIC SERVICE COMMISSION	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.
COMPANY: FLORIDA POWER CORPORATION		___Historical Test Year Ended ___/___/___
DOCKET NO : 000824-EI		__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	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
COMPANY, FLORIDA POWER CORPORATION		____Historical Test Year Ended ____/____/____
DOCKET NO. 000824-EI		<input checked="" type="checkbox"/> X Projected Test Year Ended 12/31/02 <input checked="" type="checkbox"/> 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:

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:

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 12/31/02

\_\_\_Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness: Slusser

## 2002 Billing Determinants - KW Sales by Rate Schedule

Rate Schedule	Maximum KW				Effective KW			
	<u>Transmission</u>	<u>Primary</u>	<u>Secondary</u>	<u>Total</u>	<u>Transmission</u>	<u>Primary</u>	<u>Secondary</u>	<u>Total</u>
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

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 \_\_\_/\_\_\_/\_\_\_

☒ 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	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 <input type="checkbox"/> Historical Test Year Ended ___/___/___ <input checked="" type="checkbox"/> Projected Test Year Ended 12/31/01 <input type="checkbox"/> Prior Year Ended ___/___/___ Witness Slusser
COMPANY FLORIDA POWER CORPORATION		
DOCKET NO 000824-E1		

## 2002 Billing Determinants - MWH's Sales by Rate Schedule

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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

	(1)	(2)	(3)	(4)	(5)
	METER LEVEL MWH SALES INCLUDING UNBILLED SALES	ENERGY & PROD. CAPACITY MWH, MWH 1 & MWH 5 EFFECTIVE SALES	TRANSMISSION CAPACITY MWH 2 EFFECTIVE SALES	DISTRIBUTION PRIMARY MWH 3 EFFECTIVE SALES	DISTRIBUTION SECONDARY MWH 4 EFFECTIVE SALES
<u>RATE CLASS</u>					
I. <u>RETAIL</u>					
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

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

☒ Projected Test Year Ended 12/31/02

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness: Slusser

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO 000824-EI

## 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.

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 Interrupt	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

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

\_\_X\_\_ Projected Test Year Ended 12/31/02

DOCKET NO.:000824-EI

\_\_\_ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

Witness: Slusser

## BILLING DETERMINANTS - 2002 CUSTOMER FORECAST

	<u>Total Forecast</u>	<u>Ajustment Lines of Billing</u>	<u>Total As Adjusted</u>
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 Interrupt	48	-	48
<b>Total Customers</b>	<b>17,615,778</b>	<b>579,966</b>	<b>18,195,747</b>

Supporting Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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 \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

\_\_\_X\_\_\_ Projected Test Year Ended 12/31/02

DOCKET NO.: 000824-EI

\_\_\_ 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 Interrupt	4	4	4	4	4	4	4	4	4	4	4	4	48
<b>Total Customers</b>	<b>1,515,833</b>	<b>1,520,697</b>	<b>1,522,820</b>	<b>1,517,420</b>	<b>1,510,018</b>	<b>1,507,583</b>	<b>1,507,745</b>	<b>1,509,064</b>	<b>1,511,030</b>	<b>1,515,441</b>	<b>1,524,536</b>	<b>1,532,156</b>	<b>18,195,747</b>

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION Trace how the billing determinants in Schedules E-18a, E-18b, and	Type of Data Shown
COMPANY, FLORIDA POWER CORPORATION	E-18c were derived from the preliminary forecasts used for test year budget Provide	___ Historical Test Year Ended ___/___/___
DOCKET NO. 000824-EI	supporting assumptions and details of forecasting techniques Reconcile the billing	___X___ Projected Test Year Ended 12/31/02
	determinants with the forecast by customer class in the Ten-Year-Site Plan	___ Prior Year Ended ___/___/___
		Witness Slusser

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BILLING DETERMINANTS - 2002 MWH SALES FORECAST

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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.

FLORIDA PUBLIC SERVICE COMMISSION

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

COMPANY: FLORIDA POWER CORPORATION

DOCKET NO.:000824-EI

## BILLING DETERMINANTS - 2002 MWH FORECAST

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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 Interrupt	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	2,636,592	2,753,915	3,378,944	3,502,944	3,706,183	3,783,301	3,335,243	2,860,485	2,846,677	37,118,108



FLORIDA PUBLIC SERVICE COMMISSION	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
COMPANY: FLORIDA POWER CORPORATION		
DOCKET NO. 000824-EI		

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BILLING DETERMINANTS - 2002 KW DEMAND FORECAST

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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.

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 Interrupt 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
<b>Total</b>	<b>3,275,285</b>	<b>3,082,520</b>	<b>3,207,625</b>	<b>3,299,315</b>	<b>3,469,300</b>	<b>3,956,705</b>	<b>3,893,880</b>	<b>4,071,362</b>	<b>4,178,708</b>	<b>3,865,550</b>	<b>3,608,290</b>	<b>3,493,232</b>	<b>43,401,772</b>

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a schedule of the number of customers served at transmission, subtransmission, primary distribution, and secondary distribution voltages 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 \_\_\_/\_\_\_/\_\_\_

COMPANY: FLORIDA POWER CORPORATION

\_\_X\_\_Projected Test Year Ended 12/31/02

DOCKET NO000824-EI

\_\_\_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

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:

☒ 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			Annual KWH:	17,765,501,674		
12 Coincident Peak Average:	3,924.6 MW			12 CP Load Factor:	0.517		
90% Confidence Interval:	125.6 MW			Class (NCP) Load Factor:	0.374		
Sum of individual customer maximum demands	10,710.3 MW			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

☒ 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.

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			Annual KWH:	13,668,331,118		
12 Coincident Peak Average:	1,902.7 MW			12 CP Load Factor:	0.820		
90% Confidence Interval:	31.6 MW			Class (NCP) Load Factor:	0.650		
Sum of individual customer maximum demand	2,892.8 MW			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.

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:

☒ 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
Curtaillable 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			Annual KWH:	179,449,368		
12 Coincident Peak Average:	16.6 MW			12 CP Load Factor:	1.234		
90% Confidence Interval:	N/A			Class (NCP) Load Factor:	0.626		
Sum of individual customer maximum demand	34.47 MW			Customer (Billing or Maximum Demand) Load Factor:	0.594		

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

**FLORIDA POWER CORPORATION  
LOAD RESEARCH DATA  
TWELVE MONTHS ENDING MARCH 2001**

**CURTAILABLE (CS) RATE CLASS**

	(1)	(2)	(3)	(4)	(5)	(6)
Month	Estimated Coincident Peak (MW)	LM Included In Col (1) (MW)	Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	Estimated Non-Coincident Peak (MW)	LM Included In Col (4) (MW)	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



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

☒ 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			Annual KWH:	2,309,889,536		
12 Coincident Peak Average:	253.1 MW			12 CP Load Factor:	1.042		
90% Confidence Interval:	N/A			Class (NCP) Load Factor:	0.687		
Sum of individual customer maximum demand	509.8 MW			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**

	(1)	(2)	(3)	(4)	(5)	(6)
	Estimated Coincident Peak (MW)	LM Included In Col (1) (MW)	Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	Estimated Non-Coincident Peak (MW)	LM Included In Col (4) (MW)	Non-Coincident Peak w/o LM Impact COL(4) - COL(5) (MW)
Month						
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

☒ 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:

☒ 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							
228 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		Annual KWH:		205,194,594	
12 Coincident Peak Average:		18 MW		12 CP Load Factor:		1.301	
90% Confidence Interval:		N/A		Class (NCP) Load Factor:		0.505	
Sum of individual customer maximum demand		63.55 MW		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**

	(1)	(2)	(3)	(4)	(5)	(6)
	Estimated Coincident Peak (MW)	LM Included In Col (1) (MW)	Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	Estimated Non-Coincident Peak (MW)	LM Included In Col (4) (MW)	Non-Coincident Peak w/o LM Impact COL(4) - COL(5) (MW)
Month						
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:

☒ 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
<b>Curtable Standby Service</b>							
230 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 curtable load management.

**FLORIDA POWER CORPORATION  
LOAD RESEARCH DATA  
TWELVE MONTHS ENDING MARCH 2001**

**CURTAILABLE STANDBY SERVICE (SS-3) RATE CLASS**

	(1)	(2)	(3)	(4)	(5)	(6)
	Estimated Coincident Peak (MW)	LM Included In Col (1) (MW)	Coincident Peak w/o LM Impact COL(1) - COL(2) (MW)	Estimated Non-Coincident Peak (MW)	LM Included In Col (4) (MW)	Non-Coincident Peak w/o LM Impact COL(4) - COL(5) (MW)
Month						
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**  
**12 CP LOAD FACTOR: ∞**  
**CLASS NCP LOAD FACTOR: 0.015**

**Max NCP MW: 9.1**

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%	<u>43.50%</u>
											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



FLORIDA PUBLIC SERVICE COMMISSION

## EXPLANATION:

Type of Data Shown:

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

☒ Historical Test Year Ended 12/31/00

COMPANY: FLORIDA POWER CORPORATION

☒ Projected Test Year Ended 12/31/02☐ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

DOCKET NO.: 000824-EI

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

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Type of Data Shown:

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

☒ Historical Test Year Ended 12/31/00

COMPANY: FLORIDA POWER CORPORATION

☒ Projected Test Year Ended 12/31/02☐ Prior Year Ended \_\_\_\_/\_\_\_\_/\_\_\_\_

DOCKET NO.: 000824-EI

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

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Type of Data Shown:

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

☒ Historical Test Year Ended 12/31/00

COMPANY: FLORIDA POWER CORPORATION

☒ Projected Test Year Ended 12/31/02☐ Prior Year Ended \_\_\_/\_\_\_/\_\_\_

DOCKET NO.: 000824-EI

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	7,278	Tues	4	17:00	A
58	Oct	2001	6,122	Sat	6	16:00	A
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

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   /  /  ☒ Projected Test Year Ended 12/31/02☐ Prior Year Ended   /  /  

Witness: Slusser

<u>Demand and Energy Losses</u> ~~~~~		<u>Description</u> ~~~~~
	All Hours	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.
NET SOURCE OUTPUT	100.00%	
LESS:		
TRANSMISSION LOSSES	2.21%	Methodology and Assumptions:
EQUALS: TRANSMISSION DELIVERY	97.79%	Customer service is provided or metered at three delivery levels on the electric system:
LESS:		(1) Transmission
DISTRIBUTION PRIMARY LOSSES	1.00%	(2) Distribution Primary
EQUALS: DISTB PRIMARY DELIVERY	96.79%	(3) Distribution Secondary
LESS:		
DISTRIBUTION SECONDARY LOSSES	2.61%	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.
EQUALS: DISTB SECONDARY DELIVERY	94.18%	
	=====	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% |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FLORIDA PUBLIC SERVICE COMMISSION | 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<br>_X_ Historical Test Year Ended 12/31/00<br>___ Projected Test Year Ended ___/___/___<br>___ Prior Year Ended ___/___/___<br>Witness Slusser |
| COMPANY FLORIDA POWER CORPORATION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   |
| DOCKET NO 000824-EI               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   |

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.

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FLORIDA PUBLIC SERVICE COMMISSION | 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<br>_X_ Historical Test Year Ended 12/31/00<br>___ Projected Test Year Ended ___/___/___<br>___ Prior Year Ended ___/___/___<br>Witness Slusser |
| COMPANY FLORIDA POWER CORPORATION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                   |
| DOCKET NO 000824-EI               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                   |

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.