

October 4, 2001

Ms. Blanca S. Bayó, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

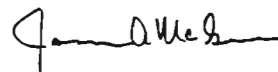
Re: Docket No. 010002-EG

Dear Ms. Bayó:

Enclosed for filing in the subject docket are an original and ten copies of Testimony and Exhibits of John A. Masiello.

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Thank you for your assistance in this matter.

Very truly yours,



James A. McGee

Enclosure

cc: Parties of Record

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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the direct testimony and exhibits of John A. Masiello has been furnished to the following individuals by regular U.S.

Mail this 4th day of October, 2001:

Marlene Stern, Esquire
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Stephen C. Burgess, Esquire
Office of the Public Counsel
c/o The Florida Legislature
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400

Lee L. Willis, Esquire
James D. Beasley, Esquire
Ausley & McMullen
P.O. Box 391
Tallahassee, FL 32302

Charles A. Guyton, Esquire
Steel, Hector & Davis
215 S. Monroe Street, Suite 601
Tallahassee, Florida 32301

Jeffrey A. Stone, Esquire
Russell A. Badders, Esquire
Beggs & Lane
P. O. Box 12950
Pensacola, FL 32576-2950

Wayne L. Schiefelbein, Esquire
Gatlin, Schiefelbein & Cowdery
1709-D Mahan Drive
Tallahassee, FL 32308

Norman Horton, Jr., Esquire
Messer, Caparello & Self
P. O. Box 1876
Tallahassee, FL 32302

Ansley Watson, Jr., Esquire
Macfarlane, Ferguson &
McMullen
2300 First Florida Tower
111 Madison Street
Tampa, FL 33602

John W. McWhirter, Jr., Esquire
McWhirter, Reeves, et al.
400 N. Tampa Street, Suite 2450
Tampa, FL 33601

Joseph A. McGlothlin, Esquire
Vicki Gordon Kaufman, Esquire
McWhirter, Reeves, et al.
117 S. Gadsden Street
Tallahassee, FL 32301

Debra Swim, Esquire
Legal Environmental Assistance
Foundation
1115 N. Gadsden Street
Tallahassee, FL 32303

Kenneth A. Hoffman, Esq.
Rutledge, Ecenia, et al.
P.O. Box 551
Tallahassee, FL 32302-0551

Debbie Stitt
Energy Conservation Analyst
St. Joe Natural Gas Company
P. O. Drawer 549
Port St. Joe, FL 32456

A handwritten signature in black ink, appearing to read "James A. McInnis". The signature is written in a cursive style with a long horizontal stroke at the end.

Associate General Counsel

FLORIDA POWER CORPORATION

DOCKET No. 010002

**DIRECT TESTIMONY OF
JOHN A. MASIELLO**

1 **Q. State your name and business address.**

2 A. My name is John A. Masiello. My business address is Florida Power
3 Corporation, 3300 University Boulevard, Suite 158, Winter Park, Florida
4 32792.

5

6 **Q. By whom are you employed and in what capacity?**

7 A. I am employed by Florida Power Corporation (FPC) as Manager of
8 Program Development & Administration.

9

10 **Q. Have your duties and responsibilities remained the same since you last**
11 **testified in this proceeding.**

12 A. Yes.

13

14 **Q. What is the purpose of your testimony?**

15 A. The purpose of my testimony is to describe the components and costs
16 of the Company's Demand-Side Management Plan as approved by the
17 Florida Public Service Commission. I will detail the projected costs for
18 implementing each program in that plan, explain how these costs are

1 presented in the attached exhibit, and show the resulting conservation
2 adjustment factors (in \$/1,000 kWh).

3

4 **Q. Do you have any Exhibits to your testimony?**

5 A. Yes, Exhibit No. ___ (JAM-1) consists of five schedules (C-1 through
6 C-5) which support the Energy Conservation Cost Recovery Clause
7 Calculations for the period January 2002 through December 2002.

8

9 **Q. For what programs does FPC seek recovery?**

10 A. FPC is seeking to recover those costs allowed pursuant to Rule 25-
11 17.015 of the Florida Administrative Code, as adopted by the Florida
12 Public Service Commission, for each of the following Commission-
13 approved conservation programs, as well as for Conservation Program
14 Administration (those common administration expenses not specifically
15 linked to an individual program).

- 16 • Home Energy Check
- 17 • Home Energy Improvement
- 18 • Residential New Construction
- 19 • Low-Income Weatherization Assistance
- 20 • Energy Management (Includes Residential and Commercial
21 Energy Management and Load Management Switches.)
- 22 • Business Energy Check

- 1 • Better Business
- 2 • Commercial/Industrial New Construction
- 3 • Innovation Incentive
- 4 • Standby Generation
- 5 • Interruptible Service
- 6 • Curtailable Service
- 7 • Technology Development
- 8 • Qualifying Facility

9

10 **Q. What is included in your Exhibit?**

11 A. Exhibit No. ___ (JAM-1) consists of Schedules C-1 through C-5.

12 Schedule C-1 provides a summary of cost recovery clause calculations

13 and information by retail rate schedule. Schedule C-2 provides annual

14 and monthly conservation program cost estimates during the January

15 2002 through December 2002 projection period for each conservation

16 program as well as for common administration expenses. Additionally,

17 Schedule C-2 presents program costs by specific category (i.e. payroll,

18 materials, incentives, etc.) and includes a schedule of estimated capital

19 investments, depreciation and return for the projection period.

20

21 Schedule C-3 contains a detailed breakdown of conservation program

22 costs by specific category and by month for the actual/estimated period

1 of January through July 2001 (actual) and August 2001 through
2 December 2001 (estimated). In addition, Schedule C-3 presents a
3 schedule of capital investment, depreciation and return, an energy
4 conservation adjustment calculation of true-up, and a calculation of
5 interest provision for the actual/estimated period of January 2001
6 through December 2001. Schedule C-4 projects Energy Conservation
7 Cost Recovery (ECCR) revenues during the January 2001 through
8 December 2001 projection period. Schedule C-5 presents a brief
9 description of each program, as well as a summary of progress and
10 projected expenditures for each program for which FPC seeks cost
11 recovery as part of the Energy Conservation Cost Recovery Clause.

12
13 **Q. Would you please summarize the major results from your Exhibit?**

14 A. Schedule C-2, Page 1 of 5, Line 22, shows total net program costs of
15 \$68,283,911 for the January 2002 through December 2002 projection
16 period.

17
18 The following table presents the projected conservation cost recovery
19 charge in dollars per 1,000 kilowatt-hours by retail rate class for the
20 time period January 2002 through December 2002, as contained in
21 Schedule C-1, Page 1 of 4, Lines 16 – 19.

1
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Conservation Adjustment Factors (\$/1,000 kWh)

	Secondary	Primary	Transmission
<u>Retail Rate Schedule</u>	<u>Voltage</u>	<u>Voltage</u>	<u>Voltage</u>
Residential	\$2.07	N/A	N/A
General Service Non-Demand	\$1.65	\$1.63	\$1.62
General Service 100% Load Factor	\$1.30	N/A	N/A
General Service Demand	\$1.48	\$1.47	\$1.45
Curtable	\$1.15	\$1.14	\$1.13
Interruptible	\$1.28	\$1.27	\$1.25
Lighting	\$0.64	N/A	N/A

Q. Does this conclude your direct testimony?

A. Yes.

PROJECTED MWH SALES
 AT EFFECTIVE VOLTAGE LEVEL
 FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

RATE CLASS	(1) MWH SALES @ METER LEVEL	(2) VOLTAGE ADJUSTMENT	(3) MWH SALES @ EFFECTIVE LEVEL
I. RESIDENTIAL SERVICE	18,636,202	100%	18,636,202
II. GENERAL SERVICE NON-DEMAND			
TRANSMISSION	3,180	98%	3,116
PRIMARY	6,688	99%	6,621
SECONDARY	1,163,499	100%	1,163,499
TOTAL	1,173,367		1,173,236
III. GS - 100% L F.	76,820	100%	76,820
IV. GENERAL SERVICE DEMAND			
SS-1/GSD - TRANSMISSION	13,069	98%	12,808
GSD - PRIMARY	2,709,317	99%	2,682,224
SS-1 - PRIMARY	0	99%	0
SUBTOTAL - PRIMARY	2,709,317		2,682,224
GSD - SECONDARY	11,615,025	100%	11,615,025
TOTAL	14,337,411		14,310,057
V. CURTAILABLE SERVICE			
PRIMARY	182,599	99%	180,773
SECONDARY	649	100%	649
TOTAL	183,248		181,422
VI. INTERRUPTIBLE SERVICE			
IS - TRANSMISSION	450,738	98%	441,723
SS-2 - TRANSMISSION	143,766	98%	140,891
SUBTOTAL - TRANSMISSION	594,504		582,614
IS - PRIMARY	1,672,975	99%	1,656,245
SS-2 - PRIMARY	72,804	99%	72,076
SUBTOTAL - PRIMARY	1,745,779		1,728,321
IS-1 - SECONDARY	91,326	100%	91,326
TOTAL	2,431,609		2,402,261
VII. LIGHTING SERVICE	277,451	100%	277,451
TOTAL RETAIL	37,116,108		37,057,449

FLORIDA POWER CORPORATION
ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS
FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

FPSC DOCKET NO 010002-EG
FLORIDA POWER CORPORATIO
JOHN A MASIELLO
EXHIBIT NO. _____ (JAM-1)
SCHEDULE C - 1
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RETAIL RATE SCHEDULES

LINE NO.	RETAIL RATE SCHEDULES							
	RESIDENTIAL	GENERAL SER. NON-DEMAND	GENERAL SER. 100% L.F.	GENERAL SER. DEMAND	CURTAILABLE	INTERRUPTIBLE	LIGHTING	TOTAL
1 DEMAND ALLOCATION PERCENTAGE	61.500%	2.903%	0.139%	30.750%	0.278%	4.284%	0.146%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$33,370,214	\$1,575,183	\$75,422	\$16,685,107	\$150,844	\$2,324,520	\$79,220	\$54,260,510
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOV	(\$1,547,786)	(\$73,061)	(\$3,498)	(\$773,893)	(\$6,996)	(\$107,816)	(\$3,674)	(\$2,516,725)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$31,822,428	\$1,502,122	\$71,924	\$15,911,214	\$143,848	\$2,216,704	\$75,546	\$51,743,785
5 ENERGY ALLOCATION PERCENTAGE	50.441%	3.175%	0.208%	38.576%	0.481%	6.368%	0.751%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$7,073,544	\$445,243	\$29,169	\$5,409,667	\$67,453	\$893,010	\$105,316	\$14,023,401
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOV	(\$276,588)	(\$17,410)	(\$1,141)	(\$211,528)	(\$2,638)	(\$34,918)	(\$4,118)	(\$548,340)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$6,796,956	\$427,833	\$28,028	\$5,198,139	\$64,815	\$858,092	\$101,198	\$13,475,061
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$40,443,758	\$2,020,426	\$104,591	\$22,094,774	\$218,297	\$3,217,530	\$184,536	\$68,283,911
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3+7)	(\$1,824,374)	(\$90,471)	(\$4,639)	(\$985,421)	(\$9,634)	(\$142,734)	(\$7,792)	(\$3,065,065)
11 TOTAL (LINE 9+10)	\$38,619,384	\$1,929,955	\$99,952	\$21,109,353	\$208,663	\$3,074,796	\$176,744	\$65,218,846
12 RETAIL SALES MWH(@ EFFECTIVE VOLTAGE LEVEL SEE P	18,636,202	1,173,236	76,820	14,310,057	181,422	2,402,261	277,451	37,057,449
13 COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	\$2.0723	\$1.6450	\$1.3011	\$1.4751	\$1.1502	\$1.2800	\$0.6370	
14 REGULATORY ASSESSMENT TAX EXPANSION FACTOR (IN ACCORDANCE WITH ORDER NO. PSC 95-0398-FOF-EG)	1.000198	1.000198	1.000198	1.000198	1.000198	1.000198	1.000198	
15 ADJUSTMENT FACTOR ADJUSTED FOR TAXES	2.0727	1.6453	1.3014	1.4754	1.1504	1.2803	0.6371	
16 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
17 @ SECONDARY VOLTAGE	\$2.07	\$1.65	\$1.30	\$1.48	\$1.15	\$1.28	\$0.64	
18 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$1.63	N/A	\$1.47	\$1.14	\$1.27	N/A	
19 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$1.62	N/A	\$1.45	\$1.13	\$1.25	N/A	

CALCULATION OF AVERAGE 12 CP AND ANNUAL AVERAGE DEMAND
 FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

FPSC DOCKET NO 010002-EG
 FLORIDA POWER CORPORATION
 JOHN A MASIELLO
 EXHIBIT NO _____ (JAM-1)
 SCHEDULE C - 1
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RATE CLASS	(1) MWH SALES @ METER LEVEL	(2) 12 CP LOAD FACTOR	(3) 12 CP MW @ METER LEVEL (1)/8760hrs/(2)	(4) DELIVERY EFFICIENCY FACTOR	(5) AVERAGE CP MW @ SOURCE LEVEL (3)/(4)	(6) MWH SALES @ METER LEVEL	(7) DELIVERY EFFICIENCY FACTOR	(8) SOURCE LEVEL MWH (6)/(7)	(9) ANNUAL AVERAGE DEMAND (8)/8760hrs
I. RESIDENTIAL SERVICE	18,636,202	0.517	4,114.93	0.9377499	4,388.09	18,636,202	0.9377499	19,873,318	2,268.64
II. GENERAL SERVICE NON-DEMAND									
TRANSMISSION	3,180	0.705	0.51	0.9779000	0.52	3,180	0.9779000	3,252	0.37
PRIMARY	6,688	0.705	1.08	0.9679000	1.12	6,688	0.9679000	6,910	0.79
SECONDARY	1,163,499	0.705	188.40	0.9377499	200.91	1,163,499	0.9377499	1,240,735	141.64
TOTAL	1,173,367		189.99		202.55	1,173,367		1,250,897	142.80
III. GS - 100% L.F.	76,820	1.000	8.77	0.9377499	9.35	76,820	0.9377499	81,919	9.35
IV. GENERAL SERVICE DEMAND									
GSD-1 - TRANSMISSION	6,879	0.820	0.96						
SS-1 - TRANSMISSION	6,190	0.888	0.80						
SUBTOTAL - TRANSMISSION	13,069		1.76	0.9779000	1.80	13,069	0.9779000	13,364	1.53
GSD - PRIMARY	2,709,317	0.820	377.17						
SS-1 - PRIMARY	0	0.888	0.00						
SUBTOTAL - PRIMARY	2,709,317		377.17	0.9679000	389.68	2,709,317	0.9679000	2,799,170	319.54
GSD - SECONDARY	11,615,025	0.820	1,616.97	0.9377499	1,724.31	11,615,025	0.9377499	12,386,058	1,413.93
TOTAL	14,337,411		1,995.90		2,115.79	14,337,411		15,198,592	1,735.00
V. CURTAILABLE SERVICE									
CS - PRIMARY	181,162	1.169	17.69						
SS3 - PRIMARY	1,437	N/A	0.00						
SUBTOTAL - PRIMARY	182,599		17.69	0.9679000	18.28	182,599	0.9679000	188,655	21.54
CS - SECONDARY	649	1.169	0.06	0.9377499	0.06	649	0.9377499	692	0.08
TOTAL	183,248		17.75		18.34	183,248		189,347	21.62
VI. INTERRUPTIBLE SERVICE									
IS - TRANSMISSION	450,738	0.975	52.77			450,738			
SS-2 - TRANSMISSION	143,766	1.196	13.72			143,766			
SUBTOTAL - TRANSMISSION	594,504		66.49	0.9779000	67.99	594,504	0.9779000	607,939	69.40
IS - PRIMARY	1,672,975	0.975	195.88			1,672,975			
SS-2 - PRIMARY	72,804	1.196	6.95			72,804			
SUBTOTAL - PRIMARY	1,745,779		202.83	0.9679000	209.56	1,745,779	0.9679000	1,803,677	205.90
SECONDARY	91,326	0.975	10.69	0.9377499	11.40	91,326	0.9377499	97,388	11.12
TOTAL	2,431,609		280.01		288.95	2,431,609		2,509,004	286.42
VII. LIGHTING SERVICE	277,451	5.042	6.28	0.9377499	6.70	277,451	0.9377499	295,869	33.78
TOTAL RETAIL	37,116,108				7,029.77	37,116,108		39,398,946	4,497.61

CALCULATION OF DEMAND AND ENERGY ALLOCATORS

FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

RATE CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	AVERAGE 12 CP DEMAND MW	%	ANNUAL AVERAGE DEMAND MW	%	12/13 OF 12 CP 12/13*(2)	1/13 OF AVG DEMAND 1/13 * (4)	DEMAND ALLOCATOR (5)+(6)
I. RESIDENTIAL SERVICE	4,388.09	62.422%	2,268.64	50.441%	57.620%	3.880%	61.500%
II. GENERAL SERVICE NON-DEMAND							
TRANSMISSION	0.52	0.007%	0.37	0.008%	0.006%	0.001%	0.007%
PRIMARY	1.12	0.016%	0.79	0.018%	0.015%	0.001%	0.016%
SECONDARY	200.91	2.858%	141.64	3.149%	2.638%	0.242%	2.880%
TOTAL	202.55	2.881%	142.80	3.175%	2.659%	0.244%	2.903%
III. GS - 100% L.F	9.35	0.133%	9.35	0.208%	0.123%	0.016%	0.139%
IV. GENERAL SERVICE DEMAND							
TRANSMISSION	1.80	0.026%	1.53	0.034%	0.024%	0.003%	0.027%
PRIMARY	389.68	5.543%	319.54	7.105%	5.117%	0.547%	5.664%
SECONDARY	1,724.31	24.529%	1,413.93	31.437%	22.642%	2.418%	25.060%
TOTAL	2,115.79	30.098%	1,735.00	38.576%	27.783%	2.967%	30.750%
V. CURTAILABLE SERVICE							
PRIMARY	18.28	0.260%	21.54	0.479%	0.240%	0.037%	0.277%
SECONDARY	0.06	0.001%	0.08	0.002%	0.001%	0.000%	0.001%
TOTAL	18.34	0.261%	21.62	0.481%	0.241%	0.037%	0.278%
VI. INTERRUPTIBLE SERVICE							
TRANSMISSION	67.99	0.967%	69.40	1.543%	0.893%	0.119%	1.012%
PRIMARY	209.56	2.981%	205.90	4.578%	2.752%	0.352%	3.104%
SECONDARY	11.40	0.162%	11.12	0.247%	0.150%	0.019%	0.169%
TOTAL	288.95	4.110%	286.42	6.368%	3.794%	0.490%	4.284%
VII. LIGHTING SERVICE	6.70	0.095%	33.78	0.751%	0.088%	0.058%	0.146%
TOTAL RETAIL	7,029.77	100.000%	4,497.61	100.000%	92.308%	7.692%	100.000%

FLORIDA POWER CORPORATION

ESTIMATED CONSERVATION PROGRAM COSTS
FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

FPSC DOCKET NO. 010002-EG
FLORIDA POWER CORPORATION
WITNESS: J. A. MASIELLO
EXHIBIT NO: _____ (JAM -1)
SCHEDULE C - 2
PAGE 1 OF 5
OCTOBER 5, 2002

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	12 MONTH TOTAL		
1	BETTER BUSINESS (908.15) (E)	\$ 306,724		
2	RESIDENTIAL NEW CONSTRUCT (908.22) (E)	1,165,106		
3	HOME ENERGY IMPROVEMENT (908.23) (E)	3,749,921		
4	C/I NEW CONSTRUCTION (908.24) (E)	92,139		
5	HOME ENERGY CHECK (908.25) (E)	3,709,540		
6	LOW INCOME (908.26) (E)	121,457		
7	BUSINESS ENERGY CHECK (908.28) (E)	502,964		
8	CONSERVATION PROGRAM ADMIN (908.35) (E)	3,757,282		
9	CONSERVATION PROGRAM ADMIN (908.35) (D)	413,393		
10	QUALIFYING FACILITY (908.42) (E)	340,804		
11	INNOVATION INCENTIVE (908.60) (E)	67,072		
12	TECHNOLOGY DEVELOPMENT (908.65) (E)	210,392		
13	STANDBY GENERATION (908.69) (D)	554,968		
14	INTERRUPTIBLE SERVICE (908.70 & .71) (D)	20,514,968		
15	CURTAILABLE SERVICE (908.72 & .73) (D)	665,000		
16	RES ENERGY MANGMNT-ADMIN (908.75) (D)	1,875,737		
17	RES ENERGY MANGMNT-EQUIP SVC (908.76 & .77) (D)	28,307,081		
18	LOAD MANAGEMENT SWITCHES (908.80) (D)	1,214,395		
19	COM ENERGY MANGMNT-ADMIN (908.85 & .87) (D)	14,968		
20	COM ENERGY MANGMNT-EQUIP SVC (908.86) (D)	700,000		
21				
22	NET PROGRAM COSTS	<u>\$ 68,283,911</u>		
23				
24	<u>SUMMARY OF DEMAND & ENERGY</u>			
25		12 Months Total	Prior Period True - up	Total Costs with True - up
26				
27				
28	ENERGY	\$ 14,023,401	\$ (548,340)	\$ 13,475,061
29				
30	DEMAND	<u>54,260,510</u>	<u>(2,516,725)</u>	<u>51,743,785</u>
31				
32	TOTAL	<u>\$ 68,283,911</u>	<u>\$ (3,065,065)</u>	<u>\$ 65,218,846</u>

FLORIDA POWER CORPORATION
ESTIMATED CONSERVATION PROGRAM COSTS
FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

FPSC DOCKET NO 010002-EG
FLORIDA POWER CORPORATION
WITNESS J A MASIELLO
EXHIBIT NO. _____ (JAM -1)
SCHEDULE C - 2
PAGE 2 OF 5
OCTOBER 5, 2002

LINE NO	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED												
		Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	TOTAL
1	BETTER BUSINESS (908 15) (E)	\$ 25,029	\$ 25,170	\$ 25,896	\$ 26,195	\$ 25,228	\$ 25,171	\$ 26,195	\$ 26,045	\$ 25,199	\$ 26,226	\$ 25,187	\$ 25,183	\$ 306,724
2	RESIDENTIAL NEW CONSTRUCT (908 22) (E)	84,386	99,502	99,508	96,794	100,341	95,503	96,865	101,666	97,898	100,309	96,692	95,642	1,165,106
3	HOME ENERGY IMPROVEMENT (908.23) (E)	290,789	316,716	316,165	312,333	318,367	309,787	311,469	320,257	314,526	318,300	312,140	309,072	3,749,921
4	CI/ NEW CONSTRUCTION (908.24) (E)	8,003	7,013	7,990	8,017	7,018	8,014	8,015	7,003	8,014	8,019	7,016	8,017	92,139
5	HOME ENERGY CHECK (908 25) (E)	232,643	323,848	320,604	310,845	329,310	300,005	305,297	336,267	315,499	329,088	308,201	297,933	3,709,540
6	LOW INCOME (908 26) (E)	9,037	9,244	12,855	10,270	10,329	10,243	9,281	10,065	10,284	10,324	10,263	9,262	121,457
7	BUSINESS ENERGY CHECK (908 28) (E)	28,469	43,861	44,284	42,223	45,851	39,888	41,304	46,762	42,344	45,812	42,108	40,058	502,964
8	CONSERVATION PROGRAM ADMIN (908 35) (E)	270,205	320,676	317,646	315,750	324,167	309,115	311,519	326,832	316,733	322,872	313,029	308,736	3,757,282
9	CONSERVATION PROGRAM ADMIN (908 35) (D)	29,872	35,444	35,073	34,828	35,728	34,022	34,254	35,922	34,766	35,415	34,290	33,779	413,393
10	QUALIFYING FACILITY (908.42) (E)	18,350	30,163	30,879	28,341	30,793	27,088	28,337	31,547	29,341	30,679	28,166	27,120	340,804
11	INNOVATION INCENTIVE (908 60) (E)	5,021	6,104	4,936	6,121	5,139	6,108	5,122	6,028	6,123	5,141	6,115	5,114	67,072
12	TECHNOLOGY DEVELOPMENT (908 65) (E)	16,046	17,340	17,798	17,376	18,454	17,336	17,390	18,090	17,392	18,450	17,364	17,356	210,392
13	STANDBY GENERATION (908 69) (D)	46,015	46,097	45,943	47,106	46,127	46,097	46,109	47,027	46,112	46,127	46,104	46,104	554,968
14	INTERRUPTIBLE SERVICE (908 70 & 71) (D)	1,709,015	1,710,097	1,708,943	1,709,106	1,711,127	1,709,097	1,709,109	1,710,027	1,709,112	1,709,127	1,711,104	1,709,104	20,514,968
15	CURTAILABLE SERVICE (908 72 & 73) (D)	55,000	56,000	55,000	56,000	55,000	55,000	56,000	55,000	56,000	55,000	56,000	55,000	665,000
16	RES ENERGY MANGMNT-ADMIN (908 75) (D)	125,802	161,716	159,634	160,505	163,034	150,691	157,692	166,609	157,800	167,935	154,225	150,094	1,875,737
17	RES ENERGY MANGMNT-EQUIP SVC (908 76 & .77) (D)	2,944,045	2,481,697	2,038,227	1,725,888	1,767,205	2,431,270	2,569,834	2,588,227	2,754,598	2,300,336	2,299,160	2,386,799	28,307,081
18	LOAD MANAGEMENT SWITCHES (908.80) (D)	121,660	119,723	118,337	114,271	107,660	101,445	95,512	92,269	91,346	87,885	84,142	80,145	1,214,395
19	COM ENERGY MANGMNT-ADMIN (908 85 & .87) (D)	1,015	1,097	943	2,106	1,127	1,097	1,109	2,027	1,112	1,127	1,104	1,104	14,966
20	COM ENERGY MANGMNT-EQUIP SVC (908.86) (D)	58,000	59,000	58,000	58,000	59,000	58,000	58,000	59,000	58,000	58,000	59,000	58,000	700,000
21														
22	NET PROGRAM COSTS	\$ 6,078,402	\$ 5,870,510	\$ 5,418,661	\$ 5,082,075	\$ 5,161,005	\$ 5,734,977	\$ 5,908,213	\$ 5,986,670	\$ 6,092,199	\$ 5,676,172	\$ 5,611,410	\$ 5,663,622	\$ 68,283,911
23														
24														
25	SUMMARY OF DEMAND & ENERGY													
26														
27	ENERGY	\$ 967,978	\$ 1,199,639	\$ 1,198,561	\$ 1,174,265	\$ 1,214,997	\$ 1,148,258	\$ 1,160,794	\$ 1,230,562	\$ 1,183,353	\$ 1,215,220	\$ 1,166,281	\$ 1,143,493	\$ 14,023,401
28														
29	DEMAND	5,090,424	4,670,871	4,220,100	3,907,810	3,946,008	4,586,719	4,747,419	4,756,108	4,908,846	4,460,952	4,445,129	4,520,129	54,260,510
30														
31	TOTAL	\$ 6,078,402	\$ 5,870,510	\$ 5,418,661	\$ 5,082,075	\$ 5,161,005	\$ 5,734,977	\$ 5,908,213	\$ 5,986,670	\$ 6,092,199	\$ 5,676,172	\$ 5,611,410	\$ 5,663,622	\$ 68,283,911

FLORIDA POWER CORPORATION
ESTIMATED CONSERVATION PROGRAM COSTS
FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

FPSC DOCKET NO 010002-EG
FLORIDA POWER CORPORATION
WITNESS J A MASIELLO
EXHIBIT NO _____ (JAM -1)
SCHEDULE C - 2
PAGE 3 OF 5
OCTOBER 5, 2002

LINE NO	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION, AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
1	BETTER BUSINESS (908 15) (E)	\$ -	\$ 26,102	\$ -	\$ -	\$ -	\$ 280,000	\$ 948	(\$ 326)	\$ -	\$ 306,724
2	RESIDENTIAL NEW CONSTRUCT (908 22) (E)	-	380,502	18,150	27,450	350,000	275,000	35,496	78,508	-	1,165,106
3	HOME ENERGY IMPROVEMENT (908 23) (E)	-	726,057	9,350	5,000	300,000	2,650,000	38,872	20,642	-	3,749,921
4	C/I NEW CONSTRUCTION (908 24) (E)	-	2,156	-	-	-	90,000	71	(88)	-	92,139
5	HOME ENERGY CHECK (908 25) (E)	741	2,421,224	9,950	26,000	950,000	-	193,105	108,520	-	3,709,540
6	LOW INCOME (908 26) (E)	-	37,340	-	5,000	-	65,000	634	13,483	-	121,457
7	BUSINESS ENERGY CHECK (908.28) (E)	-	438,773	-	-	-	-	28,787	35,404	-	502,964
8	CONSERVATION PROGRAM ADMIN (908.35) (E)	36,552	1,264,317	226,671	329,484	-	19,401	36,390	1,844,467	-	3,757,282
9	CONSERVATION PROGRAM ADMIN (908 35) (D)	-	140,480	25,184	36,604	-	2,149	4,037	204,939	-	413,393
10	QUALIFYING FACILITY (908 42) (E)	575	306,634	3,178	4,200	-	-	1,272	24,945	-	340,804
11	INNOVATION INCENTIVE (908 60) (E)	-	16,257	-	-	-	50,000	877	(62)	-	67,072
12	TECHNOLOGY DEVELOPMENT (908 65) (E)	-	51,506	-	150,000	-	-	1,107	7,779	-	210,392
13	STANDBY GENERATION (908.69) (D)	-	14,573	-	-	-	540,000	750	(355)	-	554,968
14	INTERRUPTIBLE SERVICE (908 70 & 71) (D)	-	14,573	-	-	-	20,500,000	-	395	-	20,514,968
15	CURTAINABLE SERVICE (908.72 & .73) (D)	-	-	-	-	-	665,000	-	-	-	665,000
16	RES ENERGY MANGMNT-ADMIN (908 75) (D)	-	1,054,634	311,005	180,356	-	-	37,504	292,238	-	1,875,737
17	RES ENERGY MANGMNT-EQUIP SVC (908 76 & .77)	143,869	1,247,594	13,085	3,670,181	250,000	23,545,310	85,862	(648,820)	-	28,307,081
18	LOAD MANAGEMENT SWITCHES (908 80) (D)	1,214,395	-	-	-	-	-	-	-	-	1,214,395
19	COM ENERGY MANGMNT-ADMIN (908 85 & .87) (D)	-	14,573	-	-	-	-	750	(355)	-	14,968
20	COM ENERGY MANGMNT-EQUIP SVC (908.86) (D)	-	-	-	-	-	700,000	-	-	-	700,000
21											
22	NET PROGRAM COSTS	\$ 1,396,132	\$ 8,157,295	\$ 616,573	\$ 4,434,275	\$ 1,850,000	\$ 49,381,860	\$ 466,462	\$ 1,981,314	\$ -	\$ 68,283,911
23											
24											
25	SUMMARY OF DEMAND & ENERGY										
26											
27	ENERGY	\$ 37,868	\$ 5,670,868	\$ 267,299	\$ 547,134	\$ 1,600,000	\$ 3,429,401	\$ 337,559	\$ 2,133,272	\$ -	\$ 14,023,401
28											
29	DEMAND	1,358,264	2,486,427	349,274	3,887,141	250,000	45,952,459	128,903	(151,958)	-	54,260,510
30											
31	TOTAL	\$ 1,396,132	\$ 8,157,295	\$ 616,573	\$ 4,434,275	\$ 1,850,000	\$ 49,381,860	\$ 466,462	\$ 1,981,314	\$ -	\$ 68,283,911

FLORIDA POWER CORPORATION
 SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
 FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

FPSC DOCKET NO 010002-EG
 FLORIDA POWER CORPORATION
 WITNESS: J. A. MASIELLO
 EXHIBIT NO: _____ (JAM-1)
 SCHEDULE C - 2
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 OCTOBER 5, 2002

LINE NO	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02		
1	HOME ENERGY CHECK (908.25)															
2	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	
5																
6	DEPRECIATION EXPENSE		41	41	41	41	41	41	41	41	41	41	41	41	41	492
7																
8	CUMULATIVE INVESTMENT	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435	2,435
9	LESS ACC DEPRECIATION	52	93	134	175	216	257	298	339	380	421	462	503	544	585	544
10	NET INVESTMENT	2,383	2,342	2,301	2,260	2,219	2,178	2,137	2,096	2,055	2,014	1,973	1,932	1,891	1,850	1,891
11	AVERAGE INVESTMENT		2,363	2,322	2,281	2,240	2,199	2,158	2,117	2,076	2,035	1,994	1,953	1,912	1,871	1,912
12	RETURN ON AVERAGE INVESTMENT		16	16	16	16	15	15	15	15	15	14	13	13	13	179
13																
14	RETURN REQUIREMENTS		22	22	22	22	21	21	21	21	21	20	18	18	18	249
15																
16	PROGRAM TOTAL		\$ 63	\$ 63	\$ 63	\$ 63	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 61	\$ 59	\$ 59	\$ 59	\$741
17																
18	CONSERV PRORAM ADMIN (90835)															
19	INVESTMENT		\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$150,000
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	671	0	0	0	671
21	DEPRECIATION BASE		69,257	81,757	94,257	106,757	119,257	131,757	144,257	156,757	169,257	181,422	193,585	206,085	218,585	
22																
23	DEPRECIATION EXPENSE		1,154	1,363	1,571	1,779	1,988	2,196	2,404	2,613	2,821	3,024	3,226	3,435	3,643	27,574
24																
25	CUMULATIVE INVESTMENT	63,007	75,507	88,007	100,507	113,007	125,507	138,007	150,507	163,007	175,507	187,336	199,836	212,336	224,836	212,336
26	LESS ACC DEPRECIATION	49,200	50,354	51,717	53,288	55,067	57,055	59,251	61,655	64,268	67,089	69,442	72,688	76,103	79,806	76,103
27	NET INVESTMENT	13,807	25,153	36,290	47,219	58,452	68,452	78,756	88,852	98,739	108,418	117,894	127,168	136,233	145,030	136,233
28	AVERAGE INVESTMENT		19,480	30,722	41,755	52,580	63,196	73,604	83,804	93,796	103,579	113,166	122,531	131,701	140,671	131,701
29	RETURN ON AVERAGE INVESTMENT		136	214	291	366	441	513	585	654	723	789	855	919	983	6,486
30																
31	RETURN REQUIREMENTS		188	296	403	507	611	710	810	905	1,001	1,092	1,183	1,272	1,360	8,978
32																
33	PROGRAM TOTAL		\$ 1,342	\$ 1,659	\$ 1,974	\$ 2,286	\$ 2,599	\$ 2,906	\$ 3,214	\$ 3,518	\$ 3,822	\$ 4,116	\$ 4,409	\$ 4,707	\$ 5,000	\$36,552
34																
35	QUALIFYING FACILITY (908.42)															
36	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
37	RETIREMENTS		0	687	0	0	0	0	5,010	0	0	0	0	0	0	5,697
38	DEPRECIATION BASE		5,697	5,354	5,010	5,010	5,010	5,010	5,010	2,505	-	-	-	-	-	
39																
40	DEPRECIATION EXPENSE		95	89	84	84	84	84	39	0	0	0	0	0	0	559
41																
42	CUMULATIVE INVESTMENT	5,697	5,697	5,010	5,010	5,010	5,010	5,010	-	-	-	-	-	-	-	-
43	LESS ACC DEPRECIATION	5,136	5,233	4,635	4,719	4,803	4,887	4,971	-	-	-	-	-	-	-	-
44	NET INVESTMENT	559	464	375	291	207	123	39	-	-	-	-	-	-	-	-
45	AVERAGE INVESTMENT		512	420	333	249	165	81	20	-	-	-	-	-	-	-
46	RETURN ON AVERAGE INVESTMENT		3	3	2	2	1	-	-	-	-	-	-	-	-	11
47																
48	RETURN REQUIREMENTS		4	4	3	3	2	-	-	-	-	-	-	-	-	16
49																
50	PROGRAM TOTAL		\$ 99	\$ 93	\$ 87	\$ 87	\$ 86	\$ 84	\$ 39	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$575
51																
52	RES ENERGY MANGMNT-EQUIP SVC (908 76 & 77) (D)															
53	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$0
54	RETIREMENTS		0	0	0	0	0	0	0	0	0	27,295	0	0	0	27,295
55	DEPRECIATION BASE		508,036	508,036	508,036	508,036	508,036	508,036	508,036	508,036	508,036	494,389	480,741	480,741	480,741	
56																
57	DEPRECIATION EXPENSE		8,467	8,467	8,467	8,467	8,467	8,467	8,467	8,467	8,467	8,240	8,012	8,012	8,012	100,467
58																
59	CUMULATIVE INVESTMENT	508,036	508,036	508,036	508,036	508,036	508,036	508,036	508,036	508,036	508,036	480,741	480,741	480,741	480,741	480,741
60	LESS ACC DEPRECIATION	82,734	91,201	99,668	108,135	116,602	125,069	133,536	142,003	150,470	158,937	139,882	147,894	155,906	163,918	155,906
61	NET INVESTMENT	425,302	416,835	408,368	399,901	391,434	382,967	374,500	366,033	357,566	349,099	340,859	332,847	324,835	316,823	324,835
62	AVERAGE INVESTMENT		421,069	412,602	404,135	395,668	387,201	378,734	370,267	361,800	353,333	344,979	336,853	328,841	320,829	328,841
63	RETURN ON AVERAGE INVESTMENT		2,937	2,877	2,819	2,760	2,701	2,642	2,583	2,524	2,465	2,406	2,349	2,294	2,240	31,357
64																
65	RETURN REQUIREMENTS		4,066	3,982	3,902	3,820	3,738	3,657	3,575	3,494	3,412	3,330	3,251	3,175	3,100	43,402
66																
67	PROGRAM TOTAL		\$ 12,533	\$ 12,449	\$ 12,369	\$ 12,287	\$ 12,205	\$ 12,124	\$ 12,042	\$ 11,951	\$ 11,879	\$ 11,570	\$ 11,263	\$ 11,187	\$ 11,117	\$143,869

FLORIDA POWER CORPORATION
SCHEDULE OF ESTIMATED INVESTMENT, AMORTIZATION & RETURN
ON LOAD CONTROL EQUIPMENT
FOR THE PERIOD JANUARY 2002 THROUGH DECEMBER 2002

FPSC DOCKET NO 010002-EG
FLORIDA POWER CORPORATION
WITNESS J A MASIELLO
EXHIBIT NO _____ (JAM-1)
SCHEDULE C - 2
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OCTOBER 5, 2002

LINE NO	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL
			Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	
1	LOAD MANAGEMENT SWITCHES (908 80) (D)														
2	LOAD CONTROL RECEIVERS, SWITCHES, AND HARDWARE - INVESTMENT		\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$ 54,500	\$654,000
4	RETIREMENTS		152,553	131,867	88,044	455,964	398,994	415,656	371,948	97,663	95,824	404,350	133,578	439,366	3,185,817
5	AMORTIZATION BASE		6,261,099	6,173,389	6,117,934	5,900,430	5,527,451	5,174,626	4,835,324	4,655,018	4,612,775	4,417,183	4,202,714	3,970,742	
7	AMORTIZATION EXPENSE		104,352	102,890	101,966	98,341	92,124	86,244	80,589	77,584	76,880	73,620	70,045	66,179	1,030,814
9	CUMULATIVE INVESTMENT	6,310,126	6,212,073	6,134,706	6,101,162	5,699,698	5,355,204	4,994,048	4,675,600	4,633,437	4,592,113	4,242,253	4,163,175	3,778,309	3,778,309
10	LESS: ACC AMORTIZATION	4,482,553	4,444,352	4,415,375	4,429,297	4,071,674	3,784,804	3,435,392	3,144,033	3,123,954	3,105,010	2,774,270	2,710,737	2,337,550	2,337,550
11	NET INVESTMENT	1,817,573	1,767,721	1,719,331	1,671,865	1,628,024	1,590,400	1,558,656	1,532,567	1,509,483	1,487,103	1,467,983	1,452,438	1,440,759	1,440,759
12	AVERAGE INVESTMENT		1,792,647	1,743,526	1,695,598	1,649,944	1,609,212	1,574,528	1,545,611	1,521,025	1,498,293	1,477,543	1,460,210	1,446,598	
13	RETURN ON AVERAGE INVESTMENT		12,504	12,161	11,827	11,509	11,224	10,982	10,781	10,609	10,451	10,306	10,185	10,090	132,629
15	RETURN REQUIREMENTS		17,308	16,833	16,371	15,930	15,536	15,201	14,923	14,685	14,466	14,265	14,097	13,966	183,581
17	TOTAL AMORTIZATION AND RETURN		\$ 121,660	\$ 119,723	\$ 118,337	\$ 114,271	\$ 107,660	\$ 101,445	\$ 95,512	\$ 92,269	\$ 91,346	\$ 87,885	\$ 84,142	\$ 80,145	\$1,214,395
20	<u>SUMMARY OF DEMAND & ENERGY:</u>														
22	ENERGY		\$ 1,504	\$ 1,815	\$ 2,124	\$ 2,436	\$ 2,747	\$ 3,052	\$ 3,315	\$ 3,580	\$ 3,884	\$ 4,177	\$ 4,468	\$ 4,766	\$ 37,858
24	DEMAND		134,193	132,172	130,706	126,558	119,865	113,569	107,554	104,230	103,225	99,455	95,405	91,332	1,358,264
26	TOTAL DEPRECIATION AND RETURN		\$ 135,697	\$ 133,987	\$ 132,830	\$ 128,994	\$ 122,612	\$ 116,621	\$ 110,869	\$ 107,810	\$ 107,109	\$ 103,632	\$ 99,873	\$ 96,098	\$ 1,396,132

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF 0166667 OR 20% ANNUALLY. RETURN ON AVERAGE INVESTMENT IS CALCULATED USING A MONTHLY RATE OF 006975 (8.37% ANNUALLY, AUTHORIZED BY THE FPSC IN DOCKET NO. 910890-EI) RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

FLORIDA POWER CORPORATION
 CONSERVATION PROGRAM COSTS
 JANUARY through JULY, 2001 ACTUAL
 AUGUST through DECEMBER, 2001 ESTIMATED

FPSC DOCKET NO 000002-EG
 FLORIDA POWER CORPORATION
 WITNESS J A MASIELLO
 EXHIBIT NO _____ (JAM - 1)
 SCHEDULE C - 3
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 OCTOBER 5, 2001

LINE NO	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	BETTER BUSINESS										
2	A ACTUAL	\$ -	\$ 7,978	\$ 13	\$ -	\$ -	\$ -	\$ 86,711	\$ -	\$ -	\$ 94,702
3	B ESTIMATED	-	10,489	395	-	-	-	10,000	845	-	21,729
4											
5	C. TOTAL	-	18,467	408	-	-	-	96,711	845	-	116,431
6											
7	RESIDENTIAL NEW CONSTRUCTION										
8	A ACTUAL	-	209,005	13,873	10,833	3,015	12,779	106,716	24,476	-	380,697
9	B. ESTIMATED	-	152,916	14,785	11,435	7,555	145,830	114,580	34,110	-	481,211
10											
11	C TOTAL	-	361,921	28,658	22,268	10,570	158,609	221,296	58,586	-	861,908
12											
13	HOME ENERGY IMPROVEMENT										
14	A ACTUAL	-	248,589	11,979	40,170	2,391	34,544	946,765	235,429	(940)	1,518,927
15	B ESTIMATED	-	291,701	16,190	2,080	3,680	125,000	1,104,165	6,995	-	1,549,811
16											
17	C TOTAL	-	540,290	28,169	42,250	6,071	159,544	2,050,930	242,424	(940)	3,068,738
18											
19	COMM / IND NEW CONSTRUCTION										
20	A ACTUAL	-	34	-	-	-	-	-	-	-	34
21	B ESTIMATED	-	880	-	-	-	-	2,500	-	-	3,380
22											
23	C TOTAL	-	914	-	-	-	-	2,500	-	-	3,414
24											
25	HOME ENERGY CHECK										
26	A ACTUAL	536	990,004	59,208	166,079	128,266	71,228	-	47,987	(430)	1,462,878
27	B. ESTIMATED	326	972,760	80,450	10,830	4,145	395,830	-	45,005	-	1,509,346
28											
29	C. TOTAL	862	1,962,764	139,658	176,909	132,411	467,058	-	92,992	(430)	2,972,224
30											
31	LOW INCOME										
32	A ACTUAL	-	12,167	617	2,000	-	-	7,085	670	-	22,539
33	B ESTIMATED	-	15,029	260	1,080	-	-	10,000	4,240	-	30,609
34											
35	C TOTAL	-	27,196	877	3,080	-	-	17,085	4,910	-	53,148

FLORIDA POWER CORPORATION
 CONSERVATION PROGRAM COSTS
 JANUARY through JULY, 2001 ACTUAL
 AUGUST through DECEMBER, 2001 ESTIMATED

FPSC DOCKET NO 000002-EG
 FLORIDA POWER CORPORATION
 WITNESS J A MASIELLO
 EXHIBIT NO _____ (JAM - 1)
 SCHEDULE C - 3
 PAGE 2 OF 7
 OCTOBER 5, 2001

LINE NO	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS						PROGRAM REVENUES (CREDITS)	TOTAL	
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES			OTHER
1	BUSINESS ENERGY CHECK										
2	A ACTUAL	-	233,356	11,140	2,622	981	4,607	-	6,060	-	258,766
3	B ESTIMATED	-	176,274	11,990	-	-	-	-	14,390	-	202,654
4											
5	C TOTAL	-	409,630	23,130	2,622	981	4,607	-	20,450	-	461,420
6											
7	QUALIFYING FACILITY										
8	A ACTUAL	1,608	159,985	1,310	-	2,216	-	-	21,087	(30)	186,176
9	B ESTIMATED	690	123,339	530	1,750	1,320	-	-	8,750	-	136,379
10											
11	C TOTAL	2,298	283,324	1,840	1,750	3,536	-	-	29,837	(30)	322,555
12											
13	INNOVATION INCENTIVE										
14	A ACTUAL	-	-	-	-	-	-	-	-	-	-
15	B ESTIMATED	-	6,530	365	-	-	-	5,000	1,290	-	13,185
16											
17	C TOTAL	-	6,530	365	-	-	-	5,000	1,290	-	13,185
18											
19	TECHNOLOGY DEVELOPMENT										
20	A ACTUAL	-	7,486	503	32,991	15	-	(625)	361	-	40,731
21	B ESTIMATED	-	20,706	460	62,500	-	-	-	3,100	-	86,766
22											
23	C TOTAL	-	28,192	963	95,491	15	-	(625)	3,461	-	127,497
24											
25	STANDBY GENERATION										
26	A ACTUAL	-	9,738	314	26,489	4,401	-	340,253	-	-	381,195
27	B ESTIMATED	-	5,860	310	-	-	-	225,000	2,925	-	234,095
28											
29	C TOTAL	-	15,598	624	26,489	4,401	-	565,253	2,925	-	615,290
30											
31	INTERRUPT LOAD MANAGEMENT										
32	A ACTUAL	-	24,983	1,083	6,176	1,999	-	10,722,395	314	-	10,756,950
33	B ESTIMATED	-	5,864	-	-	-	-	8,541,665	-	-	8,547,529
34											
35	C TOTAL	-	30,847	1,083	6,176	1,999	-	19,264,060	314	-	19,304,479

FLORIDA POWER CORPORATION
 ENERGY CONSERVATION ADJUSTMENT
 CALCULATION OF TRUE-UP
 FOR THE PERIOD JANUARY 2001 THROUGH DECEMBER 2001

LINE NO.	JAN 01	FEB 01	MAR 01	APR 01	MAY 01	JUN 01	JUL 01	AUG 01	SEP 01	OCT 01	NOV 01	DEC 01	TOTAL FOR THE PERIOD
1A BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT	0	360	170	60	0	30	320	0	0	0	0	0	940
1C HOME ENERGY CHECK	430	0	0	0	0	0	0	0	0	0	0	0	430
1D SUBTOTAL - FEES	430	360	170	60	0	30	320	0	0	0	0	0	1,370
2 CONSERVATION CLAUSE REVENUES	6,082,888	4,653,595	4,118,204	4,471,605	4,523,774	5,779,916	5,810,280	6,202,451	6,457,103	5,594,550	4,751,735	4,709,406	63,155,507
2A CURRENT PERIOD GRT REFUND	0 00	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	6,083,318	4,653,955	4,118,374	4,471,665	4,523,774	5,779,946	5,810,600	6,202,451	6,457,103	5,594,550	4,751,735	4,709,406	63,156,877
4 PRIOR PERIOD TRUE-UP OVER/(UNDER)	9,617,291	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,440	9,617,291
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	6,884,759	5,455,396	4,919,815	5,273,106	5,325,215	6,581,387	6,612,041	7,003,882	7,258,544	6,385,991	5,553,176	5,510,846	72,774,169
6 CONSERVATION EXPENSES (CT-3, PAGE 1, LINE 73)	6,619,675	5,633,316	4,943,891	4,606,875	4,739,444	5,444,851	5,214,316	6,584,443	6,588,415	6,612,260	6,550,800	6,518,318	70,056,594
7 TRUE-UP THIS PERIOD (OJ)U	(265,084)	177,920	24,066	(666,231)	(595,771)	(1,136,536)	(1,397,725)	(419,449)	(670,129)	216,269	997,624	1,007,472	(2,717,574)
8 CURRENT PERIOD INTEREST	(46,940)	(37,190)	(30,476)	(28,743)	(27,868)	(27,179)	(28,797)	(28,335)	(28,490)	(26,460)	(21,324)	(14,699)	(347,491)
9 ADJUSTMENTS PER AUDIT \RDC Order		0	0	0	0	0	0	0	0	0	0	0	0
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (OJ)U	(9,617,291)	(9,127,874)	(8,195,693)	(7,390,662)	(7,284,195)	(7,096,393)	(7,468,667)	(8,083,749)	(7,731,091)	(7,628,269)	(6,637,019)	(4,859,278)	(9,617,291)
10A CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PRIOR TRUE-UP REFUNDED/ (COLLECTED)	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,441	801,440	9,617,291
12 END OF PERIOD NET TRUE-UP	(9,127,874)	(8,195,693)	(7,390,662)	(7,284,195)	(7,096,393)	(7,458,667)	(8,083,748)	(7,731,091)	(7,628,269)	(6,637,019)	(4,859,278)	(3,065,065)	(3,065,065)

FLORIDA POWER CORPORATION
CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2001 THROUGH DECEMBER 2001

LINE NO	JAN 01	FEB 01	MAR 01	APR 01	MAY 01	JUN 01	JUL 01	AUG 01	SEP 01	OCT 01	NOV 01	DEC 01	TOTAL FOR THE PERIOD
1 BEGINNING TRUE-UP AMOUNT (CT-3, PAGE 2, LINE 9 & 10)	(9,817,291)	(9,127,874)	(8,185,693)	(7,390,862)	(7,284,185)	(7,096,393)	(7,458,867)	(8,083,748)	(7,731,091)	(7,628,269)	(6,637,019)	(4,859,278)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	<u>(9,080,934)</u>	<u>(8,148,513)</u>	<u>(7,360,186)</u>	<u>(7,255,452)</u>	<u>(7,068,525)</u>	<u>(7,431,488)</u>	<u>(8,054,951)</u>	<u>(7,701,756)</u>	<u>(7,599,778)</u>	<u>(6,610,559)</u>	<u>(4,837,954)</u>	<u>(3,050,366)</u>	
3 TOTAL BEGINNING & ENDING TRUE-UP	<u><u>(18,698,225)</u></u>	<u><u>(17,276,387)</u></u>	<u><u>(15,545,879)</u></u>	<u><u>(14,646,114)</u></u>	<u><u>(14,352,720)</u></u>	<u><u>(14,527,881)</u></u>	<u><u>(15,513,818)</u></u>	<u><u>(15,785,504)</u></u>	<u><u>(15,330,870)</u></u>	<u><u>(14,238,828)</u></u>	<u><u>(11,474,973)</u></u>	<u><u>(7,909,644)</u></u>	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	<u><u>(9,349,113)</u></u>	<u><u>(8,638,194)</u></u>	<u><u>(7,772,940)</u></u>	<u><u>(7,323,057)</u></u>	<u><u>(7,176,360)</u></u>	<u><u>(7,263,941)</u></u>	<u><u>(7,756,809)</u></u>	<u><u>(7,892,752)</u></u>	<u><u>(7,665,435)</u></u>	<u><u>(7,119,414)</u></u>	<u><u>(5,737,487)</u></u>	<u><u>(3,954,822)</u></u>	
5 INTEREST RATE FIRST DAY REPORTING BUSINESS MONTH	6.50%	5.55%	4.78%	4.63%	4.79%	4.53%	4.45%	4.46%	4.46%	4.46%	4.46%	4.46%	
6 INTEREST RATE FIRST DAY SUBSEQUENT BUSINESS MONTH	<u>5.55%</u>	<u>4.78%</u>	<u>4.63%</u>	<u>4.79%</u>	<u>4.53%</u>	<u>4.45%</u>	<u>4.46%</u>	<u>4.46%</u>	<u>4.46%</u>	<u>4.46%</u>	<u>4.46%</u>	<u>4.46%</u>	
7 TOTAL (LINE 5 AND LINE 6)	<u><u>12.05%</u></u>	<u><u>10.33%</u></u>	<u><u>9.41%</u></u>	<u><u>9.42%</u></u>	<u><u>9.32%</u></u>	<u><u>8.98%</u></u>	<u><u>8.91%</u></u>	<u><u>8.92%</u></u>	<u><u>8.92%</u></u>	<u><u>8.92%</u></u>	<u><u>8.92%</u></u>	<u><u>8.92%</u></u>	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	<u><u>6.025%</u></u>	<u><u>5.185%</u></u>	<u><u>4.705%</u></u>	<u><u>4.710%</u></u>	<u><u>4.860%</u></u>	<u><u>4.490%</u></u>	<u><u>4.455%</u></u>	<u><u>4.460%</u></u>	<u><u>4.460%</u></u>	<u><u>4.460%</u></u>	<u><u>4.460%</u></u>	<u><u>4.460%</u></u>	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	<u><u>(46,940)</u></u>	<u><u>(37,180)</u></u>	<u><u>(30,476)</u></u>	<u><u>(28,743)</u></u>	<u><u>(27,868)</u></u>	<u><u>(27,179)</u></u>	<u><u>(28,797)</u></u>	<u><u>(29,335)</u></u>	<u><u>(28,490)</u></u>	<u><u>(26,460)</u></u>	<u><u>(21,324)</u></u>	<u><u>(14,699)</u></u>	<u><u>(347,491)</u></u>

**CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES
 FOR THE PERIOD: JANUARY 2002 THROUGH DECEMBER 2002**

MONTH	JURISDICTIONAL MWH SALES	BASE REVENUES	CLAUSE REVENUE NET OF REVENUE TAXES
JANUARY	2,914,755	\$0	\$5,159,908
FEBRUARY	2,765,693	\$0	\$4,902,713
MARCH	2,651,380	\$0	\$4,632,219
APRIL	2,636,593	\$0	\$4,578,194
MAY	2,753,915	\$0	\$4,776,504
JUNE	3,378,944	\$0	\$5,940,904
JULY	3,502,944	\$0	\$6,215,125
AUGUST	3,706,182	\$0	\$6,588,733
SEPTEMBER	3,763,303	\$0	\$6,677,881
OCTOBER	3,335,237	\$0	\$5,874,754
NOVEMBER	2,860,481	\$0	\$4,959,830
DECEMBER	<u>2,846,681</u>	<u>\$0</u>	<u>\$4,961,377</u>
TOTAL	<u>37,116,108</u>	<u>\$0</u>	<u>\$65,268,140</u>

Program Description and Progress

Program Title: Home Energy Check

Program Description: The new Home Energy Check program is a comprehensive residential energy evaluation (audit) program. The program provides Florida Power Corporation's (FPC) residential customers with an analysis of energy consumption and recommendations on energy efficiency improvements. It acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures. It serves as the foundation of the residential Home Energy Improvement program and is a program requirement for participation. There are four versions of this audit: the free walk-thru, the paid walk-thru (\$15 charge), the energy rating (Energy Gauge) and the mail-in audit.

Program Projections for January 2002 through December 2002: It is estimated that 24,500 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$3,709,540.

Program Progress Summary: The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which results in participation of energy efficiency measures being implemented.

Program Description and Progress

Program Title: Home Energy Improvement

Program Description: This umbrella efficiency program provides existing residential customers incentives for energy efficient heating, air conditioning, water heating, ceiling insulation upgrade and duct leakage repair.

Program Projections for January 2002 through December 2002: It is estimated that 13,000 completions will be performed in this program during the projected period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$3,749,921.

Program Progress Summary: Year-to-date 2001 completions are meeting projections.

Program Description and Progress

Program Title: Residential New Construction

Program Description: This program is designed to encourage single, multi, and manufactured home builders to construct more energy efficient homes by choosing from a menu of energy saving measures such as duct sealing, duct layout, attic insulation, high efficiency heat pump, heat recovery water heating or dedicated heat pump. This is also an educational program that strives to teach builders, realtors, HVAC dealers, and homebuyers the importance of energy efficiency. Incentives are awarded to the builder based on the level of efficiency they choose.

Program Projections for January 2002 through December 2002: It is estimated that 8,500 homes representing 300 builders will participate in this program during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$1,165,106.

Program Progress Summary: This program is tied to the building industry. Economic forces will dictate the number of homes built during this period. Participation has increased each year since its inception.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The program goal is to integrate FPC's DSM program measures with the Department of Community Affairs (DCA) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership Florida Power will assist local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

Program Projections for January 2002 through December 2002: It is estimated that 400 participants representing 12-15 agencies will receive services during 2002.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$121,457

Program Progress Summary: To promote the delivery of efficiency programs to low-income families, a statewide agency meeting was held in February 2001 to all participating agencies. Individual meetings with weatherization providers are currently being conducted throughout FPC territory.

Program Description and Progress

Program Title: Energy Management (Residential & Commercial)

Program Description: The Load Management Program incorporates direct radio control of selected customer equipment to reduce system demand during peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Customers have a choice of options and receive a credit on their monthly electric bills depending on the options selected and their monthly kWh usage.

Program Projections for January 2002 through December 2002: During this period we anticipate installing 6,250 new participants to the program.

Program Fiscal Expenditures for January 2001 through December 2001: Program expenditures during this period are projected to be \$32,112,181.

Program Progress Summary: As of September 1, 2000 there are 464,678 customers participating in the Load Management program.

Program Description and Progress

Program Title: Business Energy Check

Program Description: The Business Energy Check is an audit for non-residential customers, and has two parts. The free audit provides a no-cost energy audit for non-residential facilities. The paid audit provides a more thorough energy analysis for non-residential facilities. For each, a qualified energy auditor determines which energy-reducing actions apply to a customer's facility and operation. The cost of implementing recommended measures and the resulting savings are estimated in writing based on industry averages. The auditor also explains other Florida Power programs and incentives available to encourage implementation of the conservation recommendations.

Program Projections for January 2002 through December 2002: It is estimated those 1,100 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$502,964.

Program Progress Summary: The program is required for participation in most of the company's other DSM incentive programs.

Program Description and Progress

Program Title: Better Business

Program Description: This umbrella efficiency program provides incentives to existing commercial and industrial customers for heating, air conditioning, motors, water heating, roof insulation upgrade, duct leakage and repair, and window film.

Program Projections for January 2002 through December 2002: It is estimated that 200 customers will participate during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$306,724.

Program Progress Summary: There have been 58 Better Business program completions in 2001 to date.

Program Description and Progress

Program Title: Commercial/Industrial New Construction

Program Description: This umbrella efficiency program provides incentives for the design and construction of energy efficient commercial and industrial facilities. Incentives are provided for energy efficient heating, air conditioning, motors, water heating, window film, insulation and leak free ducts.

Program Projections for January 2002 through December 2002: It is estimated that 20 customers will participate in the program during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$92,139.

Program Progress Summary: There have been 11 Commercial/Industrial New Construction program completions in 2001 to date.

Program Description and Progress

Program Title: Innovation Incentive

Program Description: Significant conservation efforts that are not supported by other Florida Power programs can be encouraged through Innovation Incentive. Major equipment replacement or other actions that substantially reduce FPC peak demand requirements are evaluated to determine their impact on Florida Power's system. If cost effective, these actions may qualify for an economic incentive in order to shorten the "payback" time of the project.

Program Projections for January 2002 through December 2002: It is estimated that 1 customer will participate in the program during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$67,072.

Program Progress Summary: This program continues to attract specialized, customer specific energy efficiency measures not covered through the company's other DSM programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: Florida Power Corporation provides an incentive for customers to voluntarily operate their on-site generation during times of system peak.

Program Projections for January 2002 through December 2002: It is estimated that 5 new customers will participate in the program during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$554,968.

Program Progress Summary: The program currently has a total of 55 participants.

Program Description and Progress

Program Title: Interruptible Service Program

Program Description: The Interruptible Service program is a rate tariff which allows Florida Power to switch off electrical service to customers during times of capacity shortages. The signal to operate the automatic switch on the customer's service is activated by the Energy Control Center. In return for this, the customers receive a monthly rebate on their kW demand charge.

Program Projections for January 2002 through December 2002: No new participants are expected during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$20,514,968.

Program Progress Summary: The program currently has 153 participants with 139 IS-1 participants and 14 IS-2 participants. The original program filed, as the IS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Existing participants were grandfathered into the program. New participants are placed on the newer IS-2 tariff.

Program Description and Progress

Program Title: Curtailable Service Program

Program Description: The Curtailable Service is a dispatchable DSM program in which customers contract to curtail or shut down a portion of their load during times of capacity shortages. The curtailment is done voluntarily by the customer when notified by FPC. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

Program Projections for January 2002 through December 2002: No new participants are expected during the projection period.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$665,000.

Program Progress Summary: To date the program has 8 participants with 7 CS-1 participants and 1 CS-2 participant. The original program filed, as the CS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Existing participants were grandfathered into the program. New participants are placed on the newer CS-2 tariff.

Program Description and Progress

Program Title: Technology Development

Program Description: This program allows Florida Power Corporation to undertake certain development and demonstration projects which have promise to become cost-effective conservation and energy efficiency programs.

Program Projections for January 2002 through December 2002: Monitoring and evaluation of the residential HVAC airflow and proper refrigerant is expected to be completed by 4th quarter of 2001. The photovoltaic R&D project on manufactured housing will continue through 2001. It is expected that the R&D projects for dual compressor heat pumps and radiant barriers will be evaluated by 4th quarter 2001.

Program Fiscal Expenditures for January 2002 through December 2002: Expenses for this program are projected to be \$210,392.

Program Progress Summary: The residential HVAC airflow and proper refrigerant charge R&D project has field-tested 24 homes to date. The photovoltaic R&D project on manufactured housing is in progress and will continue through 2001.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: Power is purchased from qualifying cogeneration and small power production facilities.

Program Projections for January, 2002 through December, 2002: Contracts for new facilities will continue to be negotiated when opportune.

Program Fiscal Expenditures for January, 200 through December, 2002: Expenses for this program are projected to be \$340,804.

Program Progress Summary: The total MW of qualifying facility capacity is approximately 830 MW, excluding the Tiger Bay capacity that is now owned by FPC. As approved in Order No. PSC-97-0652-S-EQ Order Approving Stipulation and Supplemental Stipulation, the Tiger Bay QF payments will continue to be recovered as if the contracts are still in place.