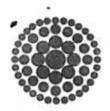
## ORIGINAL



## Florida Power

JAMES A. MCGEE SENIOR COUNSEL

October 5, 1998

Ms. Blanca Bayo, Director Division of Records & Reporting Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, Florida 32399-0850 98 CCI -5 AH III: C

Re: Docket No. 980002-EG

Dear Ms. Bayo:

Enclosed for filing in the subject docket are an original and ten copies of the Direct Testimony and Exhibits of Michael F. Jacob filed on behalf of Florida Power Corporation.

Very truly yours

James A. McGee

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

AFA Llandiques

CAF \_\_\_\_

CMU \_\_\_\_

EAG FAM/kma
Enclosure

OPS CC: Parties of Record

RCH \_\_\_\_

WAS \_\_\_\_

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DOCUMENT HUMBER-DATE

FPSC-RECORDS/REPORTING

GENERAL OFFICE

10915 OCT-5 #

### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Conservation Cost Recovery Clauses of Electric Companies. Docket No.980002-EG

Submitted for filing: October 5, 1998

### CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the Testimony and Exhibits of Michael F. Jacob submitted by Florida Power Corporation has been furnished to the following individuals by regular U.S. Mail this 5th day of October 1998:

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

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c/o The Florida Legislature
111 West Madison Street, Room 812
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FLORIDA POWER CORPORATION

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Attorney



# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET No. 980002-EG

ECCR Projections

January through December 1999

DIRECT TESTIMONY AND EXHIBITS OF

MICHAEL F. JACOB

For Filing October 5, 1998

DOCUMENT NUMBER-DATE 10915 OCT-5器 FPSC-RECORDS/REPORTING

# FLORIDA POWER CORPORATION DOCKET No. 980002-EG

### DIRECT TESTIMONY OF MICHAEL F. JACOB

Q. St	ate your	name	and	business	address.
-------	----------	------	-----	----------	----------

A.	My name is	Michael F.	Jacob.	My bus	iness addre	ss is FI	orida Power
	Corporation,	17757 U.S.	Highway	19 North	, Suite 660,	Clearwa	ater, Florida,
	33764						

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

- A. I am employed by Florida Power Corporation (FPC) as Manager of Regulatory Evaluation and Planning.
- Q. Have your duties and responsibilities remained the same since you last testified in this proceeding.
- A. Yes.

### Q. What is the purpose of your testimony?

A. The purpose of my testimony is to describe the components and costs of the Company's Demand-Side Management Plan as approved by the Florida Public Service Commission. I will detail the projected costs for implementing each program in that plan, explain how these costs are presented in the attached exhibit, and show the resulting conservation adjustment factors (in \$/1,000 kWh).

### Q. Will you please explain Exhibit No. 1?

A. Yes. Exhibit 1 consists of Schedules C-1 through C-5. Schedule C-1 provides a summary of cost recovery clause calculations and information by retail rate schedule. Schedule C-2 provides the monthly and total conservation program cost estimates during the projection period of January 1999 through December 1999 for each conservation program as well as for common administration expenses. Additionally, Schedule C-2 presents the program costs by specific category (i.e. payroll, materials, incentives, etc.) and includes a schedule of estimated capital investments, depreciation and return for the projection period.

Schedule C-3 contains a detailed breakdown of conservation program costs by specific category and by month for the actual/estimated period of April through August 1998 (actual) and September 1908 through December 1998 (estimated). In addition, Schedule C-3 presents a schedule of estimated capital investment, depreciation and return, an energy conservation adjustment calculation of true-up, and a calculation of interest provision for the actual/estimated period of April 1998 through December 1998. Schedule C-4 projects Energy Conservation Cost Recovery (ECCR) revenues during the January 1999 through December 1999 projection period. Schedule C-5 presents a brief description of each program, as well as a summary of progress and projected expenditures for each program for which FPC seeks cost recovery as part of the Energy Conservation Cost Recovery Clause.

### Q. Would you please summarize the major results from your Exhibit?

A. Schedule C-2, Page 1 of 6, Line 22, shows total net program costs of \$78,210,482 for the January 1999 through December 1999 projection period.

Based on the results contained in Schedule C-1, Page 1 of 4, Lines 18 - 20, the following table presents the projected conservation cost recovery charge in dollars per 1,000 kilowatt-hours by retail rate class for the time period January 1999 through December 1999.

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

	Secondary	Primary	Transmission
Retail Rate Schedule	Voltage	Voltage	<u>Voltage</u>
Residential	\$3.21	N/A	N/A
General Service Non-Demand	\$2.18	\$2.16	\$2.14
General Service 100% Load Factor	\$1.59	N/A	N/A
General Service Demand	\$1.87	\$1.85	\$1.83
Curtailable	\$1.62	\$1.60	\$1.59
Interruptible	\$1.54	\$1.52	\$1.51
Lighting	\$0.78	N/A	N/A

Q. Does this conclude your direct testimony?

A. Yes.

# SCHEDULE C-1 JANUARY 1999 THROUGH DECEMBER 1999

BCCAD194

FLORIDA POWER CORPORATION

ENERGY CF. ISENVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS
FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

FPSC DOCKET NO. 880002-EG FLORIDA POWER CORPORATION MICHAEL F. JACOB EXHBIT NO. (MFJ-11) SCHEDULE C - 1 PAGE 1 OF 4 B/30/98 14:01

# RETAIL RATE SCHEDULES

NO.	**	RESIDENTIAL	GENERAL SER. NON-DEMAND	GENERAL SER GENERAL SER 100'N L.F. DEMAND	GENERAL SER. DEMAND	CURTAILABLE	CURTAILABLE INTERRUPTIBLE	LIGHTING	TOTAL
-	DEMAND ALLOCATION PERCENTAGE	N 9-58-09	3.587%	0.115%	30.047%	0.400%	4.826%	0.168%	#.000:0001
~	DEMAND RELATED INCREMENTAL COSTS	140,498,492	12,387,079	676,530	119,985,698	1266,192	13,211,610	1112,466	166,548,067
•	DEMAD PORTION OF PERIOD END TRUE UP JOJUN RECOVERY	(42,211,967)	(4130,379)	14,180	(41,092,135)	(814,539)	(4175,413)	186,1431	(43,634,765)
4	TOTAL DEMAND RELATED INCREMENTAL COSTS	138,286,525	42,256,700	172.350	118,903,563	1261.063	13.036.187	1106 323	662,913,312
w	ENERGY ALLOCATION PERCENTAGE	49.942%	2717.2	0.175%	37.318 X	0.685%	7.539%	0.723%	100.000%
0	ENERGY RELATED INCREMENTAL COSTS	15,824,443	1433,492	120.408	14,352,297	168,225	4879,229	464,319	111,662,415
-	ENERGY PORTION OF PERIOD END TRUE UP (0)/U RECOVERY	(4318,083)	(423,674)	(61,115)	(4237,687)	(43,726)	(\$48,016)	(84,006)	(1636,906)
	TOTAL ENERGY RELATED INCREMENTAL COSTS	16,506,360	6409,818	118,294	114,610	164,489	4631,213	479,714	11,026,510
•	TOTAL INCREMENTAL COSTS (LINE 2 + 6)	146,322,936	12,820,571	496,939	424,347,995	4334,417	44,090,839	4196,785	678,210,482
10	ECCR TRUE UP (QI/U RECOVERY (LIME 3+7)	(\$2,530,050)	(1154,053)	(16,295)	(v1,329,822)	(418,265)	(6223,429)	(\$10,748)	(144,271,660)
Ξ	DECOUPLING ADJUSTMENT (1)	48,947,662	9	9	9	9	9	9	18,947,662
12	TOTAL (LINE 9+10+11)	162,740,537	42,666,518	191,644	123,018,173	4316,152	13,867,410	4186,037	+62,886,474
5	RETAIL SALES MWHIG EFFECTIVE VOLTAGE LEVEL SEE P. 4)	16,421,282	1,222,288	67,484	12,309,854	195,417	2,517,683	237,706	
:	COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	13.2117	42.1816	11.5943	1.8699	61.6178	11.5361	10.7826	
15	REGULATORY ASSESSMENT TAX EXPANSION FACTOR	1.000201	1.000201	1.000201	1.000201	1.000201	1.000201	1,000201	
5	ADJUSTMENT FACTOR ADJUSTED FOR TAXES	13,2124	42.1820	10	41.8703	41.6182	41.5364	10.7828	
7 8	CONSERVATION ADJUSTMENT FACTOR 4/1,000 KWH @ SECONDARY VOLTAGE	13.21	62.18	11.50	11.67	11.62	2	10.78	
= 2	PRIMARY VOLTAGE (1% REDUCTION FACTOR)     TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	62.16	N/A	11.85	11.69	11.52	N.A.	

NOTE: 1. THE TOTAL UNRECOVERED DECOUPLING REVENUE IS 411,830,202 RECOVERY WAS APPROVED FOR THE PERIOD 4/1/98 TO 3/31/2000, DUE TO THE CHANGE TO A CALENDAR YEAR COLLECTION SCHEDULE ONLY 76% OF THIS AMOUNT WILL BE COLLECTED IN 1999 LEAVING THE REMAINING 25%, TO BE COLLECTED IN THE YEAR 2000.

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CALCULATION OF AVERAGE 12 OF AND ANNUAL AVERAGE DEMAND

FOR THE MINIOD JAMLARY 1999 THROUGH DECEMBER 1999

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SOUTH NO. (MFJ-11) SOUTHER C - 1 PAGE 2 OFF ROOMS

HISC DOCKET NO. MICROSTEG FLORIDA POWER CORPORATION

MICHAEL F. JACOB

	(1)	5 5	(C)	(4)	(6)	191	(f)	OH CO	65
	@ METTA LEVEL	LOAD FACTOR	METER LEVEL	DHCIDACY	e ww	O METER LEVEL	CHCDACY	LEVEL	AVERAGE
RATE CLASS			(1)/876Ohrs/(2)	FACTOR	SOUNCE LEVEL		FACTOR	(T)/(B)	DEMAND (II)/II/IOm
I RESDENTAL SERVICE	16,421,282	6150	3, 628 95	0 9426716	3.861.31	16,421,282	0.9426716	17,419,939	1,388.58
B OENERAL STRVICT NOS SIMANO									
HANSMISSION	0	0.662	0.00	0.9776000	000	۰	0.9776000	0	000
PRIMARY	7,408	0.662		0.9676000	1.32	7,408	0.9676000	7,654	0.87
SECONDARY	1,214,954	0.662	208 61	0.9428718	222.28	1.214.964	0.9426716	1,288,841	147.13
TOTAL	1,222,362		210.78		223 5.	1,222,362		1,296,497	148.00
m GS - 100% LF	67,484	1 000	9 0	0.9426716	96 60	\$7,484	0.9426716	00.980	6.96
IV. GENERAL SERVICE DEMAND									
GSD-1 - TKANSAMISSION	3,450	0.907	67.0	0.8776000					
SS-1 - TRANSMISSION	14,893	1,218	1.40	0.9776000					
SUBTOTAL - TRANSABSSION	18,343		1.89	0.9778000	1.83	18,343	0.9776000	18.763	2.14
GSD - PRIMARY	2,470,042	0.807	349.40	0.9876000					
55-1 - PRIMARY	٥	1.218	000	0.9676000					
SUBTOTAL - PRIMARY	2,470,042		343.40	0.9676000	361.10		0.9676000	2,552,751	291.41
GSD - SECONDARY	9,646,536	0.807	1	0.3426716	1,477.56	9.846.536	0.9426716	10,445,351	1,192.39
TOTAL	12,334,921		1,744.14		1,840.59	12,334,821		13,016,965	1,485.94
V. CURTALAIRE SERVICE									
CS - PRIMARY	191,756	0.966	22.66	0.9676000					
553 - PRIMARY	4,824	1.038	0.63	0.9678000					
SUBTOTAL - PRICARRY	196,590		23.19	0.9676000	78.22	186,580	0.9676000	203,162	23.19
CS - SECONDARY	609	0.966	0.09	0.9426716	0.10	803	0.9426716	652	0,10
TOTAL	197,383		23.28		24.07	197,383		204,014	13.79
VI. INTERMUPTIBLE SERVICE									
IS - TRANSMISSION	379,876	1.044	41.54	0.9776000		379,976			
SS-2 - TRANSMISSION	122,142	1.044	13.36	0.8776000		122,142			
SUBTOTAL - TRANSMISSION	802,018		54.30	0.9776000	58.16	602,018	0.9776000	613,521	58.62
IS - PRIMARY	1,906,628	1.04	208.37	0.9676000		1,906,628			
SS-2 - PRIMARY	48,524	1.044	15.31	0.9676000		48,524			
SUBTOTAL - PRIMARY	1,964,162		213.68	0.9676000	220.84	1,954,152	0.9676000	2,019,587	230.55
SECONDARY	\$1,095	1.04	9 9 6	0.9426716	10.57	91,095	0.9426716	36,635	11 03
TOTAL	2,547,205		278.54		287.57	2,647,265		2,829,743	300.20
VII. LIGHTING SERVICE	237.706	3,779	7,18	0.9426716	7.62	237,706	0.9426716	252,162	28.79
TOTAL RETAIL	33.018.403				6.251.69	33,018,403		34 880 200	3 861 78

CALCULATION OF DEMAND AND EVERGY ALLOCATORS

FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

9/30/98 14:01

FPSC DOCKET NO. 980002-EG FLORIDA POWER CORPORATION MICHAEL F. JACOB EXHIBIT NO. MFJ-11 SCHEDULE C - 1 PAGE 3 OF 4 8/30:98 1

		63	đ	(4)	(6)	19)	(3)
	12 CP DEMAND	AND	AVERAGE DEMAND	AL MAND	12/13 OF	AVG DEMAND	DEMAND
RATE CLASS	MW		MW.	,	12/13-(2)	1/13 - (4)	(5) + (6)
I. RESIDENTIAL SERVICE	3,861.31	61.705%	1,988.58	49.942%	67.014%	3.642%	80.856%
II GENERAL SERVICE NON DEM-ND TRANSMISSION	00'0	0.000%	0.00	0.000%	0.000%	1,000 0	¥,000 0
PRIMARY	1.32	0.021%	0.87	0.022%	0.019%	0.002%	0.021%
SECONDARY	222.25	3.655%	147,13	3.695%	3.282%	0.284%	3.566%
TOTAL	223.67	3.676%	148.00	3.717.8	3.301%	0.286%	1.667%
III. GS - 100% LF.	6.96	0.111%	6.96	0.175%	0.102%	0.013%	0.115%
IV. GENERAL SERVICE DEMAND TRANSMISSION		*100		0.064%	2000	4000	***************************************
PRIMARY	361.10	6.778%	291.41	2 319%	6 332%	0.663%	6, 805 W
SECONDARY	1,477.56	23.635%	1,102.39	29.9:0%	21.017%	2.304%	24.121%
TOTAL	1,840.59	29.441%	1,485.94	37,310%	27.176%	2.871%	30.047%
V. CURTAILABLE SERVICE PRIMARY	23.97	0.383%	23.19	0.582%	0.354%	0.045%	0.399%
SECONDARY	0.10	0.002%	0.10	0.003%	0.002%	%000°0	0.002%
TOTAL	24.07	0.385%	23.29	0.565%	0.365%	0.045%	0.400%
VI. INTERRUPTIBLE SERVICE TRANSMISSION	66.16	0.896%	58.62	1.472%	0.629%	0.113%	0.842%
PRIMARY	220.84	3.632%	230.65	5.790%	3.260%	0.445%	3.706%
SECONDARY	10.67	0.169%	11.03	0.277%	0.156%	0.021%	0.177%
TOTAL	287.57	4.600%	300.20	7.539 %	4.246%	0.580%	4.826%
VII. LIGHTING SERVICE	7.62	0.122%	28.79	0.723%	0.113%	0.056%	0.168%

100.000%

7.693%

92.307%

100.000%

3,981.76

100.000%

6,251.69

TOTAL RETAIL

# PROJECTED MWH SALES AT EFFECTIVE VOLTAGE LEVEL FOR THE PERIOD JANUARY 1999 THROUGH DECEZABER 1999

	=	53	ō
RATE CLASS	MWH SALES METER LEVEL	ADJUSTMENT	SFECTIVE LEVEL
I RESIDENTIAL SERVICE	16,421,282	100%	10,421,282
GENERAL SERVICE NON DEMAND	8		
TRANSMISSION	0	# DB	0
PRIMARY	7,408	* 66	7,334
SECONDARY	1,214,954	100%	1,214,954
TOTAL	1,222,362		1,222,288
III. GS - 100% L.F.	57,484	1001	57,484
IV. GENERAL SERVICE DEMAND			
SS-1/GSD - TRANSMISSION	18,343	× 96	17,976
GSD - PRIMARY	2,470,042	X 00	2,446,342
\$5-1 - PRIMARY	0	X 08	0
SUBTOTAL - PRIMARY	2,470,042		2,445,342
GSD - SECONDARY	9,846,536	100%	9,846,636
TOTAL	12,334,921		12,309,654
V. CURTAILABLE SERVICE			
PRIMARY	196,680	×00	194,614
SECONDARY	803	100%	603
TOTAL	197,383		195,417
VI. WTERRUPTIBLE SERVICE			
IS - TRANSMISSION	379,876	*86	372,278
SS-2 - TRANSMISSION	122,142	X.80	110,689
SUBTOTAL - TRANSMISSION	602,018		401,077
IS - PRIMARY	1,905,628	X 66	1,886,572
55-2 - PRIMARY	48,524	X 00	48,039
SUBTOTAL - PRIMARY	1.954,152		1,934,611
IS-1 - SECONDARY	91,095	100%	91,095
TOTAL	2,547,265		2,517,683
VII. UGHTING SERVICE	237,706	100%	237,706
TOTAL RETAIL	33,018,403		32,961,714

FPSC DOCKET NO. 980002-EG FLORIDA POWER CORPORATION MICHAEL F. JACOB EXHIBIT NO. [MF-11] SCHEDULE C.-1 PAGE 4 OF 4 8/30/98 14:01

## SCHEDULE C-2 JANUARY 1999 THROUGH DECEMBER 1999

### ESTIMATED CONSERVATION PROGRAM COSTS FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

FPSC DOCKET NO. 980002-EG FLORIDA POWER CORPORATION WITNESS: M. F. JACOB EXHIBIT NO: \_ MFJ - 1 SCHEDULE C - 2 PAGE 1 OF 6 October 5,1998

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	12 MONTH TOTAL		
1 BETTE	ER BUSINESS (908.15) (E)	\$ 221,343		
	DEMONSTRATION (908.17) (E)	20,933		
	ENTIAL NEW CONSTRUCT (908.22) (E)	1,203,073		
	ENERGY IMPROVEMENT (908.23) (E)	3,965,270		
	W CONSTRUCTION (908.24) (E)	183,268		
	ENERGY CHECK (908.25) (E)	2.438.707		
	IESS ENERGY CHECK (908.28) (E)	391,682		
	ERVATION PROGRAM ADMIN (908.35) (E)	2.528,912		
	ERVATION PROGRAM ADMIN (908.35) (D)	245,868		
	FYING FACILITY (908.42) (E)	298.535		
	/ATION INCENTIVE (908.60) (E)	199,180		
	NOLOGY DEVELOPMENT (908.65) (E)	211,512		
	DBY GENERATION (908.69) (D)	606,493		
	RUPTIBLE SERVICE (908.70 & .71) (D)	21,033,197		
	AILABLE SERVICE (908.72 & .73) (D)	720,000		
	NERGY MANGMNT-ADMIN (908.75 & .77) (D)	3,427,255		
	NERGY MANGMNT-EQUIP SVC (908.76) (D)	36,575,300		
	MANAGEMENT SWITCHES (908.80) (D)	3,185,598		
	ENERGY MANGMNT-ADMIN (908.85 & .87) (D)	5,273		
	ENERGY MANGMNT-EQUIP SVC (908.86) (D)	749.083		
21				
	ROGRAM COSTS	\$ 78,210,482		
23				
24	SUMMARY OF DEMAND & ENERGY		Prior Period	
25		12 Months	True - up	Total Costs
26		Total	Sch C-3 p 9	with True - up
27				THE PARTY OF THE P
28 ENER	GY	\$ 11,662,415	\$ (636,905)	\$ 11,025,510
29				
30 DEMA	ND	66,548,067	(3,634,755)	62,913,312
31			61.187 (t) 50	
32 REVE	NUE DECOUPLING	390	TRUE UP	
33		CONTRACTOR	Histories et al. (1971)	
34 TOTAL		\$ 78,210,482	\$ (4,271,660)	\$ 73,938,822

ESTMATED CONSENATION PROGRAM COSTS FOR THE PERCOD JANJARY 1999 THROUGH DECEMBER 1999

FLORIGA POMER CORPORATION

FPSC DOORET NO INDOOL (G FLORESA POMER CORPORATION METALS NO. WELL NO. WELL TO SEED ALC. 2 NO. 20 F A. CO. 2

THE PRODUCT OF THE						(57.86	750						
NO Comme (0) or Drawn (5)	(an (b)	140-20	Mar-23	40.00	Mey 23	70.00	14.00	Ag 39	149-10	8658	Now 20	Dec 80	1014
T BETTER BUSINESS (NOR 15) (E)	11140	21111	24.01	248.1	\$18.60	2444	3 13 442	1.11.642	\$ 18.662	11840	24811	\$ 18.481	\$ 221.343
2 GAS DEMONSTRATION (SOR 17) (E)	30	1742	200	1742	1742	1,742	1742	1742	17.0	1742	175	1776	20,833
3 RESIDENTIAL NEW CONSTRUCT (NOB 22) (E)	SK ZW	100,238	100,238	100 238	100,738	100,238	100,238	100,238	100,238	100,238	100.238	100.454	1,203,573
1 HOME ELERGY MIRRONEMENT (IDE 23) (E)	281 M	341 882	307.236	241,982	341.982	MIN	341362	341,962	341.362	N 150	307.296	807.522	3,366,270
5 CANEW CONSTRUCTION (BOLZA) (E)	19.270	15,270	18.270	15,270	15.270	18.272	15,270	15,270	19,270	15,270	18.275	15,783	143,394
8 HOME ENERGY CHECK (ROB 25) (E)	070 M22	226,060	157.503	238,381	228.087	228.014	228,000	226.548	228.043	157.476	152.474	157.800	2438727
7 BUSINESS ENERGY CHECK (NOLZB) (E)	12.63	32,625	22.63	12.625	12.63	22,625	1163	12.625	12.625	2000	32.625	32.810	391.582
8 CONSERVATION PROCRAM ADMIN (908.30) (E)	216.042	214,784	214.548	234423	214.254	214.10	213,896	213,771	213.578	213.452	139.552	187 065	2.528.912
9 CONSERVATION PROGRAM ADMIN (908.36) (D)	20.484	22.43	20,483	20.484	23.463	200	25 25	20,483	13.453	23 456	20,483	25.55	245,568
10 QUALIFYING FACUITY (BOX 42) (E)	24,441	25.26	24.636	24.834	24,631	1,830	74.827	24.825	MAZZ	MASS	20,820	24,640	206.535
11 BRICHATION BICENTINE (ROB BD) (E)	16.567	16,597	16.567	14.597	16.567	4.597	14,597	14.597	14.597	14.597	14.597	16.813	198.180
12 TECHNOLOGY DEVELOPMENT (JOB 85) (E)	X7X	B.280	8,286	XX	3.286	120	ガス	37.0	男に	N.M.	8.286	9.370	211.512
13 STANDBY GENERATION (30A 69) (D)	04/00	92.93	50,540	25.35	20,540	25.20	045.00	20,540	50,540	25.00	60.540	50,367	006.463
14 BITERRUPTRLE BEHINCE (DOE 70 & 71) (D)	1 752 W	1,752,788	C752.786	1,752,766	132,788	712,766	1,752,796	1,752,798	1752.788	175778	1,752,786	(752,775	21,013,197
15 CURTALABLE BERNICE (BOLTZ & 73) (D)	56,999	58,999	58,982	58.899	58 999	56 300	50 NB	567,009	59,959	59.899	29,300	110,08	720,000
	293,630	282.740	281.867	291,012	200 156	発見	200.442	247.500	243,770	278.089	272,786	287,885	3,427,256
17 RES ENERGY MANDANT-EQUIP SVC (ROL 76) (D)	3,328,397	3,280,034	3,018,884	2,180,552	2,460,756	3,088,074	1,125,854	1415,381	3,389,089	1,047,599	2,878,543	3,006,085	M. 575, 300
18 LOAD MANACEMENT SWITCHES (908.NO) (D)	238,559	262.381	278,189	274,710	2772,702	24.0%	384.477	200,200	254,538	200,000	247,682	244,686	3.185,508
19 COM ENERGY MANCHWIT ACMIN (ROLES & 87) (D)	200	3	77	ō	7	80	7	2	5	ð	200	8	\$,273
20 COM ENERGY MANCARY (COUP SINC (SON MI) (D)	65.62	62,622	6.62	62.62	6.62	6,62	62.622	6,62	6.62	200	250	62.438	149,083
ZZ NET PROGRAM COSTS	1 6,880,476	14,004,233	11,433,973	1117843	15,371,619	16,98,637	116,851,473	11,909,706	16,884,671	16 485 480	16,327,330	11,336,498	\$ 78,210,462
25 SUMMART OF DEMAND A ENERGY													
27 EMERGY	\$1,027,139	\$ 1,002,421	\$ 600,353	11028.501	\$1,001,227	\$1,001,175	\$ 1,028,044	\$ 1,000,825	\$1,000,625	\$ 922,246	\$ 663.587	1872.044	\$ 11,962,415
29 DEMAND	1,863,337	5,801,812	\$ 536,580	4.702,925	4.970,292	1,594.462	1,123,429	1,006,881	1,884,046	1,563,234	5,443,649	1,464,414	66,548,067
n total	16,000,470	16,004,233	114,433,973	11,729,438	\$1,671,619	\$ 8,596,637	\$ 6,001,473	11,909,706	16,884,671	11,485,480	14.327,330	14,336,450	171,210,462

### ESTIMATED CONSERVATION PROGRAM COSTS FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1/99

LINE	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION AMORTIZATION &RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
	ETTER BUSINESS (906 15) (E)	\$ -	\$ 23,258	\$ -	1 -	5 -	\$ 197,500	\$ 505	1 -	1 -	\$ 221 343
2 G	AS DEMONSTRATION (908 17) (E)	1.0	7.635	5,250	7 350			68	630		20,933
3 R	ESIDENTIAL NEW CONSTRUCT (908-22) (E)		295,350	368	113,040	215,000	500,000	19.630	59,685		1,203,073
4 H	OME ENERGY IMPROVEMENT (908-23) (E)		266,858	1,200	52,040	250,001	3 250,000	23,562	121,609		3,965,270
	I NEW CONSTRUCTION (908 24) (E)		1.271			2000	161,997	1000		-	183,268
5 H	OME ENERGY CHECK (908 25) (E)	5.261	1,383,702	7,998	166,550	404,500		129,576	341,120	-	2,438,707
7.B	USINESS ENERGY CHECK (908.28) (E)		343,752	2.835	2,500			24,125	18,470		391,682
5 C	ONSERVATION PROGRAM ADMIN (908.35) (E)	315,959	632,740	26,275	712,496	5,676	4.256	8,568	822,942		2,528,912
9.0	ONSERVATION PROGRAM ADMIN (908-35) (D)		70,303	2.921	79,160	524	469	953	91,438	~	245,668
10 Q	UALIFYING FACILITY (908 42) (E)	3,285	253,093					1,235	40,922		298,535
11.0	INDVATION INCENTIVE (908 60) (E)		22,180				175,000	2,000			199,180
12 TI	ECHNOLOGY DEVELOPMENT (908.65) (E)	02	14,295	5,250	127,300	100	50,000	273	14,594		211,512
13 5	TANDBY GENERATION (908 69) (D)	7.6	3.197	11,800	23,200		568,296	920			506,493
14 (8	(TERRUPTIBLE SERVICE (908 70 & 71) (D)	- 2	3,197	30,000			21,000,000	2			21,033,197
15 C	URTAILABLE SERVICE (908 72 & 73) (D)	1.5		20,000	100		700,000	0.00		5-5	720,000
16 R	ES ENERGY MANGMINT-ADMIN (908.75 & 77) (D)		773,992	87,500	730,500	295,100	*	24,356	388,984		2,300,432
17 R	ES ENERGY MANGMINT-EQUIP SVC (908 76) (D)	1,126,823	824,893	1,236	1,439,930	-	34,077,008	80,734	151,497		37,702,123
18 L	OAD MANAGEMENT SWITCHES (908 80) (D)	3,185,598			100000000000000000000000000000000000000			1000	23/00/2016	+	3,185,598
12 0	OM ENERGY MANGMINT-ADMIN (908.85 & 87) (D)		5.273				4				5,273
20 C	OM ENERGY MANGMINT-EQUIP SVC (908 86) (D)	<u>-</u> -	8,916	<del></del>	15,000	<u>_</u>	725,167	<u>-</u>			749,083
22 N	ET PROGRAM COSTS	\$ 4,636,926	\$ 4,933,905	\$ 202,635	\$ 3,469,066	\$ 1,170,901	\$ 61,429,693	\$ 315,665	\$ 2,051,691	\$ -	\$ 78,210,482
23					-			-	The second secon		
24											
25 5	UMMARY OF DEMAND & ENERGY										
26											
27 E	NERGY	\$ 324 505	\$ 3,244,134	a 49,176	\$ 1,181,276	\$ 875 177	\$ 4,358,753	\$ 209.622	\$ 1,419,772	5 -	\$ 11 662 415
28						A Enswall (				#J = 1	
	EMAND	4.312.421	1,689,771	153,459	2,287,790	295,724	57,070,940	106.043	631,919		66 548 067
30	MICC-194		1,000,777	-	- Alleria de la Constantina	- Amelian -		The second section is			
	DTAL	\$ 4,636,926	\$ 4,933,905	\$ 202,635	\$ 3,469,066	\$ 1,170,901	\$ 61,429,693	\$ 315,665	\$ 2,051,691	\$ .	\$ 78,210,482

# SCHEDALE OF ESTMATED CANTAL INVESTMENTS DEPRECATION & RETURN FOR THE PERSON JANUARY 1999 THROUGH DESEMBER 1119 FLOR DA POMER CORPORATION

PRIC DOCKET NO BROOGLASS
FLOREA POWER CORPORATION
WITHELS M.Y. ACOR
DORST NO.
W.J. 1
SCHOOL C. 2
PAGE 4.01
CORRES V. 1988
CORRES V. 1988

	-						CHAPPED .	0.00						
NO PROCESSAM TITLE	BANKE	No.	Feb 19	Mer. 93	46.46	May 99	No.8:	7419	4679	N-291	68.60	New Ris	Dec st	10TA
HOME ENERGY CHECK (NO.25)														
INVESTMENT					0 1		n (							
CENTRALINE BASE		27.615	27.815	200	22 819	22.619	22113	22.613	22.813	22 619	22.815	22.615	22.815	
	-		-		The same				-					
DEMECATION DOPINE		3/2	111	277	377.	277	- 22	777	111	322	121	277	111	9
CUMULATIVE INVESTMENT	22.815	22.815	22.815	22.815	22.615	22.815	2.89	22.815	22.615	22.815	27.815	22.813	22.815	411
LESS ACC DEPREDATOR	14,000	14.382	14.75	15.130	19.513	15.890	1,287	16.544	17.821	17.158	17.73	18 152	18.539	14.539
NET BOVESTMENT	4.610	1,733	7.856	1.63	7 1622	5	6346	1.871	1.184	17.4	4.540	4.463	4 286	4.0
AVERACE BAYETTMENT		4.622	1.045	7.868	187	*16.9	6.537	\$ 160	5.783	1.406	1.036	4 800	* 775	l
2 RETURN ON AVENAGE PRESTMENT			2	z	31	7	9	0		R	R	R	R	534
S RETURN REQUIREMENTS		3	"	r	2	8	2	2	27	23		*	٠	11
						:						!		1
A PROGRAM TOTAL	•							-			9			10,031
IS CONSERV PROBAM ACHEN (SOSSE)		CONTRACTOR OF THE PERSON OF TH	12.000	1000000	1000	20100						1000	100000	
PAYESTMENT		1 4.001	1	14.00	1 4.00	2 4 881	1 4 100	1 4.00	1	1410	1 4.00	1	1 400	106,300
DEPRECIATION BASE	8	1,671,304	1 879.805	1,000,007	1474.388	167.78	1,862,860	1,588.571	1.880.742	1.6268.1	1,587,588	895,090	82.620	
PROPERTY AND PROPERTY.		1	100		10.000	*******	700 5	7	14 175	71.5	,	*******		1
CALL MINISTER CALLESTS		2000	1000	1,000		1,000		1	-	-	CAN.	1		8
CUMULATIVE INVESTMENT	1,662,958	1,573,649	1,547,541	1,672,352	1.674.943	1.581.634	1,586.75	1,891,016	1,890,408	1,885,158	1.899,850	90,270	M.M03	3
LESS ACC DEPRECATION	1 306.539	1,394,394	1,411,454	1,436,390	1,447,200	1 485,188	1,522.50	1,351,389	1,574,339	1,802,953	1 ENLINES	31,492	32,036	11.036
MET INVESTMENT	362,419	100	200,000	222.962	200.763	100,440	163,071	138,017	1000	12,806	00000	58,778	81,833	91.0
RETURN ON AVENCE INVESTMENT		2,029	1,007	1,705	1343	1382	1,219	1,006	892	12	×	440	421	13.652
					1				1		1		1	i
II RETURN REQUIREMENTS	8	200		967	817	1,813	180	185	1239	1901		210	100	18.172
23 PROGRAM TOTAL		1 30.603	1 30 427	5 30,192	8 30 040	13301	1 28.75	13,607	1 75,414	1 25,221	1.38.07	1 15,533	1247	101.168
35 GUALPYING FACULTY (908-C)			:	:	:		•		:		:		:	
PETIBENENTS														
DEPRECIATION NAME	10.5	12.607	12.607	12.867	12.887	12.857	12.857	12,857	12,657	12.857	12.887	12,657	12.007	
DEMECATION EXPENSE	5	112	112	T.	311	i.	112	112	112	H	111	122	H	252
CUMULATIVE INVESTMENT	12,657	12,857	12,657	12,657	12.657	12.857	12,657	12.857	12,657	12,657	12,867	12,667	12,657	12.0
LESS ACC DEPRECATION	4,900	8,119	1,330	18.8	5,752	5,963	6.174	6.385	6.596	6,807	7,018	227	7,440	7,440
	1749	7.538	1327	7,118	8,505	100	9	6.272	8,001	3,850	1,639	203	8.217	25
B RETURN ON AVERAGE INVESTMENT			2	16		O	3	3	9	41		3 8	, a	3
RETURN REQUIREMENTS		n	T.	2	s	8	3	=	8	a	a	x	=	
SE PROGRAM TOTAL		27.1	1 303	1 31	1 279	1 276	1 273	1 272	\$ 279	\$ 298	1 288	1 36	1 30	11,286

FPE DOCKET NO MODGEG FLOREA FOMER CORPORATION WITHERS M.F. JACOB EDUBLY NO. MILL T. A. SOFICIAL E. 2. SALCELLE F. 2. SALCELLE F. 3. OKNOW, 1.914 OKNOW, 1.914

SCHEDALE OF ESTMATED CAPITA, INVESTMENTS, DEPRECATION S RETURN FOR THE PERIOD JAMLARY 1988 THROUGH DECEMBER 1989

								-				50		
NO PRODRAWITH	INTE	784-99	145-19	Var IS	40-10	Mer 19	10.00	1416	Agin	149.19	00.89	Nov 20	Decision	1014
THES ENGRGY MANDANT EQUIP SYC (908 78) (2)	5 8				:	Ş	:	3						1
BUT BUNDATS										347.446	228 878	216.774	2.7 844	2
DEPREDATION BASE	117.	132221	1321.606	1270235	1120.120	1320323	1328,335	1120330	1129.130	3,44,762	4,049,176	4575.274	131167	
DEPRECATION EXPENSE		M.722	769.00	M672	MATT	138	N 677	T3 W	13.86	N BM	60,620	N.23	71.846	1,024,007
COMPANY BROSSTMENT	123331	1223.281	\$ 220 236	6120118	8.338.338	\$ 326 236	5 338 331	\$ 320,335	\$ 239 238	4 963 189	4 736 163	4415 385	4 304 MA	4 300 964
LESS ACC DEPRECATION	2 906 993	3.867.715	4.063.686	4172138	4.285.810	6.348.462	4 628.74	4.538.538	4.813.498	4.344.545	4.196.542	3.863.219	127.272	3.815.727
MET DAVESTMENT	1414.254	1.225.566	1,236,869	1,148,197	1,059,525	\$72.853	842.111	711.509	754.837	1818.181	538.321	862,068	1001	196 224
AVERAGE INVESTMENT		1,369,827	1281218	1 192 533	1,103,861	1,215,189	\$28.717	637.545	748.03	404,100	\$78.731	500,194	531.344	
RETURN ON AVERAGE INVESTMENT		6200	6.827	1101	1700	1001	1 462	3,844	122	107	100	3489	2,972	74,227
RETURN REQUIREMENTS		13.29	1227	11313	10.630	8.602	141	1,019	1,233	636	330	123	4774	NT.ZH
PROGRAM TOTAL		1 101 948	1 101.067	\$ 100.165	1 88 330	1 38.034	10.00	1 96 791	1 55,304	1 12,086	1 18.407	1 81 084	1 7.89	11,138,623
CHANGE														
PAYESTMENT		0.0			:		0					0 #		2
RETREMENTS PRESENCE TON BASE			9 6			9 6	-	0 0		0 0	0 4	ю е		-
DEPRECATOR EUPENSE		0	0	0	•	1	8	0	0	0	0	0	9	1
CUNULATIVE INVESTMENT	0		•	•	•		٠	•		۰	•			
LESS ACC DEPRECIATION	10.1		••			01	6 6	0 (	ю (	8 6	0 (	•		
AUTHACE INCESTAGET							. 0				9 0		0 4	
RETURN ON AVERAGE INVESTMENT		0		0	0	0	0	0	0	0	0	0		
RETURN REQUIREMENTS.						0	0	0	0		0	•		
PROGRAM TOTAL		•			0.1			10	:			:		98
UNITAGED .			0.5					3						1
BANESTMENT						-								
DEPRECATOR DAIL							0.0			9 0	9 0			
DEMECATION EOPENSE			0	•	0		0	0	0		0	0		
CUMULATIVE INVESTMENT	•	10		•		•		•	•	•	•		•	
LESS ACC DEPRECATION	•	•	•	0		0	a		e					
NET BASETMENT	0			0 (			0 0		0.0	0 1		•	0.1	
RETURN ON AVERAGE INVESTMENT			-	•	0		0		0	0	0		-	*
RETURN REQUIREMENTS		0	0		0	0	0	۰	0	0	0		0	
SO PROGRAM TOTAL					•				:	:	0.1		0.1	3
									_					

FLORICA HOMER CORPORATION

SOJEDIJE DE ESTRATED MYESTMENT AMORTIZATON A RETURN ON LOAD CONTROL BOURMENT FOR THE PERIOD JANUARY 1998 THROUGH DECEMBER 1999

PESC DOCUTE NO MONITAGE
FLORICA POWER COMPONENTION
METHODS NET ACCIO
METHOD
MET

W.	CHROSE M						C311M+1E2	150						
NO PROCESS TITLE	BANKE	144.19	14.70	Ne its	Apr. 69	May 99	16.35	14-10	4,279	560-55	00.00	禁止を	20.00	TOTAL
1 LOAD MANAGEMENT SMTCHES (SM ND, C) 2 LOAD CONTRON RECENSES, BWITCHES, 3 AND MANDAMENT, NYESTMENT 4 RETRIEMENTS 5 AMORTZATION BASE		12927	1 C.S.C.	3 12 347 336 865 12 860 995	1,8230	12.108	\$ 12.507 27.600 12.002.71	16.25 26.25 26.25 26.25	10.00 20.00	10.00 10.00	18.53.1	10.00 10.00	1 E340 19 312 11 JAN 121	\$906,629 2,662,603
7 AMORTIZATION EURORE	ai Tii	271.840	219.865	216,992	713.801	213.098	211.347	20,204	202.277	180,699	137.13	186.07	10.13	249225
9 CURULATIVE INVESTMENT 19 LESS ACC AMORTCATON	0.428.838	12,114,365	4,54,16	12,848,048	12.808.078	6,545,743	42,967,013	12,308,397	12,083,746	1,586,532	11,280,884	11,622,485	ACT. 253.734	47,CR2.H
11 NET ROESTMENT 12 AVERAGE INVESTMENT	4,711,553	6,713,917	6.507.304	(2430)	6.243,285	6.178.041	1,384,314	1,001,010	1,738.888 1,788.234	140,727	1,367,131	1,394,671	1,284,118	1.2M.118
13 RETURN ON AVERAGE INVESTMENT		453	65 888	44.828	44.004	C 962	57.81	41.300	40 430	38.000	38.92	MEN	27.70	342,359
15 RETURN REQUIREMENTS	25	64.09	6.48	0.0	80.90	33 546	18.35	מומ	25.989	N N0	27.72	25.00	11.390	55,383
17 TOTAL AMORTIZATION AND RETURN		1 200.00	1 20.30	1 778.189	\$ 274,710	\$ 272,792	1 39 44	1 34 67	1 250,2M	1 3439	1 20.00	130,60	1 74 88	\$3.185.584
TO PARAMETERS OF DEMANCE A ENERGY. TO ENERGY		17148	* 11.4	130.00	1200.72	134.09	2 × 4	1834	1 X to	1374	13.78	100	1200	100
23 DEMAND		MM	30.46	14.24	24,040	27,171	X7.03	10.28	188.79	N	MM	32,526	335.840	675.67
25 TOTAL DEPRECATION AND RETURN	1"	1435.015	144.912	1405,799	1 404,812	16174	138/20	13 20	138,38	133340	130,380	134,103	1321-62	1453,479

NOTE DEPREDATION EXPENSE IS CALCALATED USING A MOTHER TAIT OF STREET
OR 20% ARREAGY RETURN ON ACRACIE WESTMENT IS CALCALATED USING
A WONTHAY NATE OF SIGNED SETTING MAILTY ACTIONISED BY THE FFIC.
IN DOORS IN SOMEWELS, RETURN REQUIREMENTS ARE CALCALATED
USING A COMBINED STATUTORY TAX MATE OF 34.37%.

# SCHEDULE C-3 APRIL THROUGH AUGUST 1998 ACTUAL SEPTEMBER THROUGH DECEMBER 1998 ESTIMATED

### CONSERVATION PROGRAM COSTS APRIL through AUGUST, 1998 ACTUAL SEPTEMBER through DECEMBER, 1998 ESTIMATED

FPSC DOCKET NO. 980002-EG FLORIDA POWER CORPORATI WITNESS: M. F. JACOB EXHIBIT NO. MFJ - 1 SCHEDULE C - 3 PAGE 1 OF 9 OCTOBER 5, 1998

		DEPRECIATION			OPERATING	AND MAINTEN	ANCE COSTS			PROGRAM	
INE NO	PROGRAM TITLE	AMORTIZATION  & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	(CREDITS)	TOTAL
1 BET	TER BUSINESS										
2 A	ACTUAL	\$ -	\$ 21.851	\$ 1.611	5 -	\$ -	\$ -	\$ 185,551	\$1,129	5 -	\$ 210,142
3 3	ESTIMATED		8,727	2,936	1,631	416		59,950	1,581		75,241
4											
5 C	TOTAL	*	30,578	4,547	1,631	415		245,501	2,710		285,383
6											
7 GAS	DEMONSTRATION										
8 A	ACTUAL	4						33			
9 B	ESTIMATED		18,061	2,181	10,328	1,288	27,499	93	3,471		62,921
10											
11 C.	TOTAL		18,061	2,181	10,328	1,288	27,499	93	3,471		62,921
12											
<b>13 RES</b>	IDENTIAL NEW CONSTRUCTION										
14 A	ACTUAL	39	95,493	6,331	23.240	172	136,582	45,800	8,175	*	315,793
15 B.	ESTIMATED		84,996	8,396	24,190	138	82,509	253,813	22,460		476,502
16									-		
17 C	TOTAL		180,489	14,727	47,430	310	219,091	299,613	30,635		792,295
18											The second second
19 HOA	ME ENERGY IMPROVEMENT										
	ACTUAL		138,774	5,227	19,193	496	59,990	1,154,775	4,042	(50)	1,382,447
	ESTIMATED		105,205	6,371	7,747	131		761,650	35,760	(***)	916,864
22											
	TOTAL		243,979	11,598	26,940	627	59,990	1,916,425	39,802	(50)	2,299,311
24								-		100	-
	MM / IND NEW CONSTRUCTION										
	ACTUAL		158		4.0			675			833
	ESTIMATED		103,219	9,508	51,644	768	31,955	3,000	12,721		212,815
28	ESTIMATES		100,210	- 1,000	- 07,044	- 100	01,000	0,000	14,741		212,010
	TOTAL		103,377	9,508	51,644	768	31,955	3,675	12,721		213,648
30	IOIAL		190,011	- 1,000	37,044	100	21,000	3,010	14,741		210,000
	ME ENERGY CHECK										
	ACTUAL	2,420	587,012	40,683	86,908	20,621	139,604		92,131	2	969,379
	ESTIMATED	1,870	344,673	31,849	169,037	3,127	97,029	4,166	49,231		700,982
34 0.	EG I MATTER	1,070	545,073	91,040	100,007	9,127	91,028	- 4,100	79,431		100,002
	TOTAL	4.290	931,685	72,532	255,945	23,748	236,633	4,166	141.362		1,670,361
30 0	TO INC	7,200	201,000	14,004	200,040	20,140	200,000	4,100	141,304		1,010,301

### CONSERVATION PROGRAM COSTS APRIL through AUGUST, 1986 ACTUAL SEPTEMBER through DECEMBER, 1998 ESTIMATED

		DEPRECIATION			OPERATING	AND MAINTEN	ANCE COSTS			PROGRAM	
INE		AMORTIZATION	PAYROLL &		OUTSIDE	MATERIALS &				REVENUES	
NO.	PROGRAM TITLE	& RETURN	BENEFITS	VEHICLES	SERVICES	SUPPLIES	ADVERTISING	INCENTIVES	OTHER	(CREDITS)	TOTAL
1 6	BUSINESS ENERGY CHECK										
2	A ACTUAL		43.371	4 392	409	285	£3:	100	2.452	1.0	50,900
3	B. ESTIMATED		131,156	13.804	33,498	2.832	3 384	12.506	102,647		299,827
4								- elitidian -	T SAT		
5	C. TOTAL		174,527	18,196	33,907	3,117	3,384	12,506	105,099		350,736
6	QUALIFYING FACILITY										
	A ACTUAL	1,496	134,072	201	4.415	474	20		18,328		158,986
2	B ESTIMATED	1,158	89,770	3.775	26,656	28		4.850	21,378		147,615
10	B. ESTIMATED	1,130	09,770	3,775	20,000	- 40		4,000	21,370		147,012
11	C. TOTAL	2.654	223,842	3.976	31,071	502	20	4,850	39,706		306,601
12	CIOIAL	2,004	223,042	3,310	31,071			4,000	39,706		300,001
0.00	NNOVATION INCENTIVE										
	A ACTUAL		70			90	40	48,000			48.070
15	B. ESTIMATED		8,425	9,065	7,624	- 5	- 2	26,458	4.843		1.10400.00
16	B. ESTIMATED		0,423	9,005	7,024			20,430	4,043		56,415
17	C. TOTAL	or an easy of files	8,495	9,065	7,624			74,458	4,843		104,485
18				-	and the second second			-	-		
19 T	ECHNOLOGY DEVELOPMENT										
	A. ACTUAL		6,004	182	41	6.194		4,940	60		17,380
21	B. ESTIMATED		6,812	408	10.942	2.237		55,556	3,223		79,178
22								-			
23	C. TOTAL		12,816	590	10,942	8,431		60.496	3,283		96,558
24						-		-			
	STANDBY GENERATION										
	A ACTUAL		6,141	149	4,068	430	**	167,480	1,680		179,945
27	B. ESTIMATED		3,303	703	8,053	5,467		1,862,402			1,879,928
28											
29	C. TOTAL		9,444	852	12,121	5,897		2,029,882	1,680		2,059,876
30	Section 1										- HATCHER CO.
	NTERRUPT LOAD MANAGEMENT										
	A ACTUAL		7,260	633	4,653	13,901	20	8,792,959	200		8,819,606
	B. ESTIMATED	V2-1-95-299-2900	2,531	450		10,000		5,183,682			5,196,683
34	AND THE PARTY OF T										
	C. TOTAL		9,791	1,083	4,653	23,901		13,976,641	200		14,016,269

### CONSERVATION PROGRAM COSTS APRIL through AUGUST, 1998 ACTUAL SEPTEMBER through DECEMBER, 1998 ESTIMATED

FPSC DOCKET NO. //80002-EG FLORIDA POWER CORPORATI WITNESS: M. F. JACOB EXHIBIT NO. \_\_ MFJ - 1 SCHEDULE C - 3 PAGE 3 OF 9 OCTOBER 5, 1998

		DEPRECIATION			OPERATING	AND MAINTENA	LNCE COSTS			PROGRAM	
INE NO	PROGRAM TITLE	& RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	(CREDITS)	TOTAL
1 CURT	TAIL LOAD MANAGEMENT										
2 A /	ACTUAL						9.5	285,715		2.	285,715
3 B 8	ESTIMATED		171,948	2,651	104,801	11,451		3,461,664	61,588		3,814,103
4											
5 C.	TOTAL		171,948	2,651	104,801	11,451		3,747,379	61,588		4,099,818
6											
7 RESI	DENTIAL LOAD MANAGEMENT										
5 A.	ACYUAL	2,189,360	996,306	74,890	1,126,921	34,842	91,533	13,820,780	403,873		18,738,505
9 8.1	ESTIMATED	1,612,040	771,511	31,503	678,380	12,404		8,599,998	212,573		11,918,409
10		State of Prose	Versel Toron	2000000	The second of				7-30v -55		
	TOTAL	3,801,400	1,767,817	106,393	1,805,301	47,246	91,533	22,420,778	616,446		30,656,914
12											
	MMERCIAL LOAD MANAGEMENT										
	ACTUAL		5,010		2,971			304,534			312,515
15 B.	ESTIMATED		2,526		18,500			70,897			91,923
16											
100000000000000000000000000000000000000	TOTAL	· ·	7,536		21,471			375,431			404,438
18											
	SERVATION PROGRAM ADMIN										
	ACTUAL	264,775	317,558	3,358	172,144	5,535		5,975	262,455		1,031,800
	ESTIMATED	132,345	251,671	3,519	19,283	1,275	-		253,130		661,223
22		WE 92/0 55W	Veter sees		West feet	750000		125,027011	V Lot British		7.000
	TOTAL	397,120	569,229	6,877	191,427	6,810		5,975	515,585		1,693,023
24											
25											
26											
27											
	AL ALL PROGRAMS	\$ 4,205,454	\$ 4,463,614	\$ 264,776	\$ 2,617,236	\$ 134,512	\$ 670,085	\$ 45,177,869	\$ 1,579 131	\$ (50)	\$ 59,112,637
29											
<b>30 LESS</b>	BE BASE RATE RECOVERY										
31											
	RECOVERABLE										59,112,637
33											
34 ADD:	PROGRAM REVENUES										50
35											Carlo Concessor
36 CON	SERVATION EXPENSES										\$59,112,687

FINE DOCKET NO INDEC-LO FLORICA POWER CORPORATION WITNESS M.F. JACOB DOMBIT NO. 1

MOTOR C. 3 PACE 4 OF 9 01-00-98

FLORIDA POMEN CORPORATION

SCHEDALE OF CARTA, INVESTMENT, DEPRECATION & RETURN
APRIL Trings AUGUST, 1988 ACTUAL
SEPTEMBER Trings DECEMBER, 1988 ESTANTED

EM CH	BEGINNING	APR 10	MAY 26	ACTUAL ACTUAL	977	A,038	86.68	007 M	ESTANTE NOV NE	Dice	1014
2 AVESTMENTS		0	9	0	0	0	0	0	0	0	
RETIREMENTS DOPRECATION SASE		12,867	12.657	12.657	12,667	12.867	12.857	12667	12,667	12,667	
DEPRECATION DUPINE		112	12.	211	211	Ē	211	311	F.	112	1, 500
CUMM NET INVEST	12.867	12,887	12,667	12.857	12.867	12.667	12,867	12.667	12,857	12.057	12.6
LESS ACC NET DEPR	3,009	3,230	1431	3.642	2.853	4,064	4.275	4.456	4.607	4,000	4,305
	3.640	10.63	673	9,016	100	1,503	0.382	-	7,960	7,748	1.1
12 RETURN ON AND INVEST		4.0	18	. 2	2	5	2	Ci.	8	188	34
14 RETURN REQUIREMENTS		Off	8	2	2	3	29	2	11	N	756
16 PROGRAM TOTAL		×	Ř	R	ž,	8	R	R	R	782	2,854
UNUBED INVESTMENTS		0	0		0		0		o	•	
RETIREMENTS DEPRECIATION BASE		00	0 0	00	9 0	00	00	0 0	0 0	0 0	
23 DEPRECATION EXPENSE		0	0	0	٥	0	0	0	0	0	
25 CLAMA NET INVEST		0			0.0	01	01	0.0	0.0	0 1	
NET PAESTMENT	9 0	9 9	9 0			00	00	0		0	
AVERAGE INVESTMENT RETURN ON AND INVEST		0 0	0 0	0 0	00	0.0	0 0	0.0	0 0	0 0	
II RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	
13 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	
LOAD MANAGEMENT ASSETS		0	6	0	18 80	0	0	0	6		100
RETHEMENTS DEPRECATION BASE		5,863,847	5,744,866	5.625.884	0 CENT OF THE O	5,645,836	5,845,536	5,507,709	5,569,582	346,632	340,518
ID DEPRECATION EUPENSE	Ť	15731	95,748	90,765	81,811	94,097	74097	83,462	92,627	90,774	546,432
COMM NET INVEST	5,863,847	5,862,847	5,625,834	5,625,884	5,645,836	5,645,836	1,045,530	5,569,582	5,569,522	182,021	1 000 000
	2.240,768	2,143,037	2,047,289	1,953,524	1,879,545	1,785,448	1,691,351	1,507,640	1,506,062	1,414,288	1,414,2
RETURN ON ANG INVEST		2,191,903	14.613	13,963	13.96	1272	1,738,400	1,61	1,501,678	1,459,575	114,603
45 RETURN REQUIREMENTS		21,161	20,227	19,313	18,503	17,892	14.780	15,578	14,979	14,002	158,629
50 PROGRAM TOTAL		118 892	115,975	113,078	112.634	111,789	110,580	109,340	107,606	104,866	1,005,060

DEPRECATION DIPENSE IS CALCULATED USING A MONTHLY RATE OF DIREGIT OR YON ANNUALLY. RETURN ON AVENACE INVITATIONERS CALCULATED USING A MONTHLY RATE OF DIREGIS SETS. ANNUALLY ADDROOF AUTHORIZED BY THE FPIG. BY DOCKET NO. PORBIGES) RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38 579%.

PPEC DOORT NO SECRED-ES FLORICA POWER CORPORATION WITNESS M F JACOB DOWERT NO 1 WFJ-17 NO 2 SOMEDALE C-3 NAZE 1-0F 8

# PLORIDA POMER CORPORATION

# SCHEDALE OF CARTAL INVESTMENT DEPRECATION A RETURN APRIL brough ALCAST. 1984 ACTUAL SEPTEMBER brough DECEMBER. 1984 ESTRANTED

HOME BRINGY CHECK 2 MAGSTHEWS 2 METHEMENTS 4 DEPRECATION BASE 5 DEPRECATION EXPERTS 6 CAMM NET WARST		-	MAY 30		777.88	A00 M	20.20	20.00	MAN	DECR	1014
			٠							*	e
DEPRECATOR EXPESE											0
6 DEPRECATION EXPENSE 7 CLAMA NET INVEST	50	61077	67,073	21879	25.579	24.44	61879	44.8.15	44.674	61879	
8 CLAM NET BIVEST		775	32	377	ti:	333	111	377	22	377	3.903
	22.615	22.615	22.815	22.615	22.6.5	22.615	22.615	22.615	22.00	27.815	22.815
	10,612	10,969	11,366	11,743	12.123	12.487	12,874	12231	13.628	14,005	14,005
	12,003	100	11,249	10,872	10 496	8110	8,741	976	1,007	2,670	8,610
12 RETURN ON AND INVEST		23	2	17	25	72	89	13		a co	25
		***		100	1	***************************************	3	1	,	,	-
14 AETUNO RECUMENDATE	•			101	5	*		2	2		100
16 PROGRAM TOTAL	•	88	159	ğ	ē	123	123	63	ş	(3)	4,290
12 CONSERV PROGRAM ADMIN											
177		8,922	7.	0	ž	z	0	0	0	0	B.781
		20,436	0	262,667	1,103,888		153.657	87,73	9	60,030	1,589,805
21 DEPHECATION IMPE		3336,030	3,127,090	1,200,009	2,022,062	18.100	100.00	1779,801	L'SS MIT	1701.478	
23 DEPRECATION EXPENSE		MA 604	59,652	1334	40.04	25,662	31.574	3556	28,800	38.258	367,786
24 Chass set assett	1 344 067	\$ 177 078	1 177 100	1074 314	1 071 108	187115	1817 706	1 713 907	1751 867	- 468 958	1 668 058
	2.698.588	2723,306	2.778,848	2,579,306	1317,461	1,550,313	1,428,430	1,374,320	1,403,220	1,366,538	1,308,539
(F)	650,394	603,682	548,254	404,910	453,647	420.549	388,275	258,677	177,000	302,419	302,419
29 AVENAGE INVESTMENT 29 RETURN ON ANG INVEST		4,373	4,017	100 E	3308	1,060	2,625	2.612	200	2,208	38.03
				****			1000	100		-	-
31 RELUMN RECOMEMENTS		200	200	2000	-		200	0.07	-	1000	1000
23 PROGRAM TOTAL	•	61,687	61,012	M.379	46,623	37,074	39.484	33.214	22.23	31,614	387,120
N INCIDED											
1		0	0	0	0	0	0	0	0	0	0
		0 0	0.0	0 (	0.0	0 (	0 (	0 (	0 (	0 (	o
as constantion sales											
40 DEPRECATION EXPENSE	,	0	0	0	0	0	0	0	0	0	0
C CLAM NET SWEST	0	0	0	0	0	0	0	o	0	6	0
	0	0	o	0	0	0	g	0	a	0	0
	0	0	0	0	0	0	0	0	0	0	0
40 AVENAGE INVESTIBENT 46 RETURN ON AVG INVEST		9 0	9 0	00	0.0	9 0	9 0	9 0	9 0	9 69	
48 RETURN REQUIREMENTS		0	0	0	a	0	0	0	0	0	0
50 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0
51 52 TOTAL DEPRECIATION AND RETURN	. U	181,373	177,778	172,340	159,835	149,635	147,129	143,314	140 702	137,030	1,409,124
	•										

DEPRECATION EXPENSE IS CALCUATED USING A MONTHLY MATE OF \$100007.

OR 20% ANALMLY RETURN ON ARENAGE INVESTMENT IS CALCULATED USING A MONTHLY MATE OF \$1000007.

A MONTHLY NEATE OF \$1000000 IN ANALMALLY AND POINT ALTHOUGHED BY THE PRECAME OF ORDERS.

FINE OF DOORSET NO \$10000000 IN THE OF \$20 0000000. NOTE

FPSC DOCKET NO 980002-EG FLORIDA POWER CORPORATION WITNESS M F JACOB EXHBIT NO 1 MFJ - 1 SCHEDULE C - 3 PAGE 6 OF 9 01-Oct-98

### FLORICA POWER CORPORATION

### SCHEDULE OF CAPITAL INVESTMENT DEPRECIATION & RETURN APRIL through AUGUST, 1998 ACTUAL SEPTEMBER through DECEMBER, 1998 ESTIMATED

LINE	BEGINNING			ACTUAL				ESTIM	ATE		
NO .	BALATICE	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 96	TOTAL
1 LOAD MANAGEMENT											
3 LOAD CONTROL RECEIVERS, SWITCHES 4 & HARDWARE - INVESTMENTS		226,031	194,568	124.316	254,370	135, 402	205, 196	205,196	205, 196	205,227	1,755,502
5 RETIREMENTS 6 AMORTIZATION BASE		780,598 16,500,419	776,404 15,932,217	796,615 15,305,150	865,705 14,663,333	451,463 14,199,635	347,404 13,970,500	306,271 13,648,859	505,600 13,648,119	277,305 13,461,878	5,107,365
8 AMORTIZATION EXPENSE		275,008	265,537	255,086	244 389	236,661	232,842	230 815	227,469	224,365	2,192,172
10 CUMULATIVE INVEST	16,777,702	16,223,136	15.641.299	14,969,001	14,357,666	14,041,604	13,899,396	13,796,321	13,497,917	13,425,839	13,425,839
11 LESS ACC AMORT	9,557,479	9,051,889	6,541,022	7.999,493	7,378,177	7,163,375	7.048,813	6,973,357	6,695,226	6,642,266	6.642.286
12 NET INVESTMENT	7.220,223	7,171,246	7,100,277	6.969.508	6,979,489	5,878,229	6,850,583	6.824.964	6,802,691	6,783,553	6,783,553
13 AVERAGE INVESTMENT		7,195,735	7.135.762	7.034.893	6,974,498	6,928,859	5,864,406	5,837,774	6,613,828	6,793,122	
14 RETURN ON AVG. INVEST		50,190	49.772	49.069	48.547	48,328	47,879	47,694	47,527	47,382	436,488
15											
16 RETURN REQUIREMENTS		69,471	58,892	67,919	67,335	61,894	66,272	66,016	65,785	65,584	604,168
18 PROGRAM TOTAL		344 479	334,429	323,005	311,724	30: 555	299,114	296.831	293,254	289,949	2,796,340

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 .0X9675 (8.37% ANNUALLY-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 910860-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

FPSC DOCKET NO. 980002-EG FLORICA POWER CORPORATION WITNESS M. F. JACOB EXHIBIT NO. 1 MFJ - 1 SCHEDLLE G - 3 PAGE TOF 9 01-0d-68

### FLORIDA POWER CORPORATION

### ACTUAL CONSERVATION PROGRAM COSTS BY MONTH APRIL through AUGUST, 1998 ACTUAL SEPTEMBER through DECEMBER, 1998 ESTIMATED

LINE				ACTUAL				ESTIM	ATE		
NO.	PROGRAM TITLE	APR 98	MAY 98	JUN 98	AA 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	TOTAL
1 BE	TTER BUSINESS	30,185	18,325	10.978	98.863	51,791	1,085	25,149	24,521	24,486	285,383
2 G/	AS DEMONSTRATION	0	0	0	0	0	56.381	4,366	1,079	1.095	62,921
3 RE	SIDENTIAL NEW CONSTRUCTION	89.270	55,922	51,977	48,445	70,179	302, 101	61,833	56,255	56.313	792,295
4 HC	ME ENERGY IMPROVEMENT	261,554	309.285	311,070	245,608	254,980	2,170	310,661	301,840	302,193	2.299.361
5 CC	OMM / IND NEW CONSTRUCTION	0	824	13	(4)	0	206.025	2.444	2,161	2,185	213.648
6 H	OME ENERGY CHECK	168,419	227,926	260,120	155,606	157,308	43,505	245,740	205,622	205,115	1,570,361
7 BL	ISINESS ENERGY CHECK	11,053	10.211	9,651	8,590	11,174	165,564	48,418	42,861	42,984	350,736
8 QL	JALIFYING FACILITY	34 552	32,163	33,018	31,267	27.986	13,044	50,183	42,292	42,096	306,601
9 IN	NOVATION INCENTIVE	48,070	0	0	0	0	7.546	23.310	12,734	12,725	104,485
10 TE	CHNOLOGY DEVELOPMENT	4 502	2.002	5,318	5,297	261	54,425	9.515	7,634	7,504	96,558
11 ST	ANDBY GENERATION	59.121	25,084	45,139	23,090	27,514	1,716,424	54,641	54,418	54,445	2,059,876
12 114	TERRUPT LOAD MANAGEMENT	1,795,190	1,774,003	1,758,649	1,752,241	1,739,323	69,205	1,595,802	1,997,654	1.534.002	14,016,269
13 CL	IRTAIL LOAD MANAGEMENT	55,323	65.274	57,682	54,439	22,997	3,606,478	69,205	69.205	69.215	4,099,818
14 RE	SIDENTIAL LOAD MANAGEMENT	3.048.807	2,909,944	4,164,034	4,586,654	4,021,066	569,932	3.706.588	3,662,278	3,979,611	30,656,914
15 CC	DMMMERCIAL LOAD MANAGEMENT	64,435	56,913	65,702	51,569	73.896	4.625	29.247	29.026	29,023	404 438
16 CC	INSERVATION PROGRAM ADMIN	175,370	200,777	201,119	242,468	212,066	77,729	211,320	186,563	185 611	1,893,023
17 TC	TAL ALL PROGRAMS	5,845,851	5,688,653	6.974,900	7,304,133	6,708,141	6,896,339	6,449,422	6.696,145	6,546,703	59, 112, 587
18											
19 LE	SS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0
20											
21 NE	T RECOVERABLE (CT-3, PAGE 2)	5,845,851	5,688,653	6,974,900	7,304,133	6,708,541	6,896,339	6,449,422	6,696,145	6,546,703	59,112,687

<sup>\*</sup> GROSS EXPENDITURES CNLY, AUDIT PROGRAM REVENUES ARE ACCOUNTED FOR IN CALCULATION OF TRUE-UP SOHEDULE CT-3, PAGE 2 OF 3

PRIC DODGET NO 180000-60
PLORIDA POWER CORPORATION
WITHEST M.P. JACOR
EXHIT NO. 1
WE J. I.
SOMEDIAE C. 3
PAGE 10F 9.

FLORIDA HOMER CONFIDINATION

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRIGILES APRE THOUGH THE ACTION TRIMEST STRAFFED

UME				ACTUAL				ESTMATE	ite		TOTAL FOR
9		APR 96	MAY RE	84	AA.88	AUC 38	569.96	00738	NOV 98	DEC 98	he reado
IA BETTER BUSINESS		0		0	9	41	0	e	.0		a
15 HOME ENERGY MPROVEMENT		0	0	ø	0	3	0	0	9	۰	2
TO HOME ENERGY CHECK.	1	0	0	0	0	0	0	0		•	٥
TO SUBTOTAL - PEES		0	0	0	0	2	٥		o		5
2 CONSERVATION CLAUSE REVENUES		1171639	1,873,767	7,974,723	1,621,461	8,581,738	1.168.061	1,258,303	1,546,202	3,319,740	64,108,333
2A CURRENT PERCO ORT REFUND	1	0	0	0	0	0	0	0	o	٥	0
3 TOTAL REVENUES		1,179,629	5,973,767	7,974,723	1,471,401	8451788	8.168.061	7,206,003	5.546,202	\$378748	64 108 383
TRUE-UP OVER(UNDER)	(9,408,257)	434,068	112,603	112,603	112,603	112 103	112.603	112.603	112,603	112 603	1334.802
5 CONSERVATION REVENUES APPLICABLE TO PERIOD		6313.897	6.066.370	A.047 328	A.581,064	4,774,311	8,281,664	7317,606	1,961,035	6,002,361	80,443,275
# CONSERVATION EXPENSES (CT-3/MOR 1, LINE 73)		1585.851	1,668,653	0074300	7,304,133	6,706,5-1	4,694,330	(48.02	6/90/16	6548.703	59.112,687
7 TRUE UP THIS PERIOD (O)U		(467,548)	(387,717)	1,112,639	(1,286,931)	(2,000,00.)	(4388.325)	(888,184)	201.340	514,362	(6.330.588)
A CURRENT PERCO INTEREST		43,367	6363	40.134	38,472	28.95	20.812	8	16,559	20,060	263,430
9 ADJUSTMENTS PER AUDIT VRDC ONW		22,143,540	o	0	0	ø	9	0	0	•	22,143,540
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF MONTH (D)/U		(12.736,283)	8417,836	8175.350	8,215,851	7,078,795	815(710	1,886,600	3,160,485	4,036,967	(12,738,283)
10.A. CURRENT PERCO CRT REFUNCED		0	0	۰	a	9	o	a	a	0	0
11 PROOR TRUE-UP REFUNDED: (COLLECTED) Rapro 4/94 10/94		404.008	112,603	112.603	112,603	112.603	112,603	112.603	112,603	112,603	1,334,882
12 END OF PERSON NET TRUE-UP avertander)		9.417.836	9 175 350	8.215.881	7.078.795	6151710	3.898.800	3.160.485	4.028.967	4.675.902	4,675,962

MANNY ENERGY & DEMAND.	
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REVENUE DECOUPLING	
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(\$636.905) (3434,756) 8,947,652 \$4,675,992

80 00% 14.91% MATIO

100.001

\$ 79,210.402

TRUE UP

12 Marth Period Ended December 1999

FORECAST \$ 11,062,415 00,548,007

FLORIDA POWER CORPORATION WITNESS M.F. JACOB EXHBIT NO.1 MFJ-1 SO-EDULE C.-3 PAGE 9 OF P D1-0d-98

### FLORIDA POWER CORPORATION

### CALCULATION OF INTEREST PROVISION APRIL through AUGUST 1998 ACTUAL SEPTEMBER through DECEMBER 1998 ESTIMATED

LINE			ACTUAL				ESTIMA	TE		
NO.	APR 96	MAY 98	JUN 98	A.L. 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	
1 BEGINNING TRUE-UP AMOUNT (CT-3 PAGE 2, LINE 9 & 10)	9 408 257	9 417 636	9 175,350	8,215 951	7,076,795	5,151,710	3,899,800	3,160,485	4.026,987	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	9 374 479	9.132.722	8,175,527	7,041,323	5,123,548	3,678,988	3,144,219	4,010,428	4,655,942	
3 TOTAL BEGINNING & ENDING TRUE-UP	18.782.736	16 550 558	17,350,877	15,256,914	12,200,342	9.030.697	7,044,018	7,170,912	6 682 926	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	9 391 368	9,775,779	8,675,438	7,628,487	6,100,171	4,515,349	3,522,009	3,515,456	4,341,464	
5 INTEREST RATE FIRST DAY REPORTING BUSINESS MONTH	5.56%	5 53%	5.50%	5.60%	5.56%	5.52%	5.54%	5.54%	5.54%	
6 INTEREST RATE FIRST DAY SUBSEQUENT BUSINESS MONTH	5 53%	5 50%	5 60%	5 56%	5.52%	554%	5.54%	5.54%	5.54%	
7 TOTAL (LINE SAND LINE 5)	11.06%	11 03%	11.10%	11 16%	11 08%	11.06%	11.08%	11.08%	11,08%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	5.540%	5 5 15%	5.550%	5.580%	5.540%	5.531%	5.542%	5,542%	5.542%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	43,357	42,626	40,124	35,472	28,162	20,812	16,266	16,559	20,050	26

# SCHEDULE C-4 JANUARY 1999 THROUGH DECEMBER 1999

FPSC DOCKET NO. 980002-EG FLORIDA POWER CORPORATION MICHAEL F. JACOB EXHIBIT NO. (MFJ-4) SCHEDULE C-4 PAGE 1 OF 1 10/1/98 10:44

## CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES FOR THE PERIOD: JANUARY 1999 THROUGH DECEMBER 1999

MONTH	JURISDICTIONAL MWH SALES	BASE REVENUES	CLAUSE REVENUE NET OF REVENUE
1999	MINH SALES	REVENUES	TAXES
JANUARY	2,531,522	<b>\$0</b>	\$6,406,784
FEBRUARY	2,442,239	40	66,130,593
MARCH	2,363,854	<b>\$0</b>	\$5,867,070
APRIL	2,382,760	60	\$5,814,814
MAY	2,532,856	60	\$6,222,688
JUNE	3,003,998	€0	67,557,291
JULY	3,205,015	90	\$8,186,830
AUGUST	3,289,363	\$0	\$8,436,123
SEPTEMBER	3,328,499	90	\$8,497,848
OCTOBER	2,973,382	\$O	\$7,498,655
NOVEMBER	2,485,240	60	#6,085,126
DECEMBER	2,479,681	60	\$6,150,538
TOTAL	33,018,399	- 60	\$82,854,361

Schedule C-5

FPSC DOCKET NO. 980002-EG FLORIDA POWER CORPORATION WITNESS: M. F. JACOB EXHIBIT NO. \_\_\_ (MFJ-1) SCHEDULE C-5 PAGE 1 OF 14 OCTOBER 5, 1998

### Program Description and Progress

Program Title: Home Energy Check

Program Description: The 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 (BERS) and the mail-in audit.

Program Projections for January, 1999 through December, 1999: It is estimated that 30,000 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$2,433,446.

Program Progress Summary: The Home Energy Check Program will continue to inform and motivate consumers to implement cost effective energy efficiency improvements.

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### Program Description and Progress

Program Title: Residential New Construction

Program Description: This program is designed to encourage 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 which 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, 1999 through December, 1999: It is estimated that 5,800 homes representing 145 builders will participate in this program during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$1,203,073.

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. Recent enhancements to the program are expected to continue this upward trend.

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### 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, 1999 through December, 1999: It is estimated that 18,000 completions will be performed in this program during the projected period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$4,187,619.

Program Progress Summary: Ceiling insulation completions are stabilizing. Recent program enhancements including high efficiency heat pumps, heat recovery, water heating or dedicated heat pump, should increase participation during this period.

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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, 1999 through December, 1999: During this period we anticipate installing 4,600 new participants to the program.

Program Fiscal Expenditures for January, 1999 through December, 1999: Program expenditures during this period are projected to be \$39,630,088.

Program Progress Summary: As of August 1, 1998 there are 502,479 customers participating in the Load Management program.

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### 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, 1999 through December, 1999: It is estimated that 500 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$391,682.

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

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### 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, 1999 through December, 1999: It is estimated that eight customers will participate in the program during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$183,268.

Program Progress Summary: There has been one new C/I New Construction program completion in year to date 1998.

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### 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, 1999 through December, 1999: It is estimated that 100 customers will participate during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$221,343.

Program Progress Summary: The energy efficient lighting portion of this program was discontinued in mid-1998.

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### 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, 1999 through December, 1999: It is estimated that 5 customers will participate in the program during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$199,180.

Program Progress Summary: Many of the measures previously completed as a result of this program were high efficiency equipment replacements that are now covered under the company's Better Business program.

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### 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, 1999 through December, 1999: It is estimated that two new customer will participate in the program during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$606,493.

Program Progress Summary: To date the program has 29 participants

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### Program Description and Progress

Program Title: Interruptible Service Program

Program Description: The Interruptible 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, 1999 through December, 1999: No new participants are expected during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$21,033,197.

Program Progress Summary: To date the program has 132 participants. The original program filed as the IS-1 tariff was closed on April 16, 1996 and all existing participants were grandfathered into that tariff. New participants are placed on the newer IS-2 tariff.

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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, 1999 through December, 1999: No new participants are expected during the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$720,000.

Program Progress Summary: To date the program has 5 participants. The original program filed as the CS-1 tariff was closed on April 16, 1996 and all existing participants were grandfathered into that tariff. New participants will be placed on the newer CS-2 tariff.

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Program Description and Progress

Program Title: Technology Development

Program Description: Florida Power Corporation will undertake certain development and demonstration projects which have promise to become cost-effective conservation and energy efficiency programs. Currently, the Low Income Weatherization Pilot, Dual Source Heat Pump Project and the Full Condensing Heat Pump (with Water Heater) Project demonstration are in process.

Program Projections for January, 1999 through December, 1999: The Low Income Weatherization Pilot is expected to continue throughout this period, with about 50 new participants. Data collection for the Dual Source Heat Pump and Full Condensing Heat Pump projects is expected to be completed by the end of 1998, with data analysis and evaluation continuing into 1999.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$211,512.

Program Progress Summary: FPC's Low Income Weatherization Pilot has been very successful at providing energy efficiency measures to the low income market. Data collection has been in progress for the Dual Source Heat Pump and Full Condensing Heat Pump Projects.

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### Program Description and Progress

Program Title: Gas Demonstration

Program Description: The Gas Demonstration projects are designed to conduct Commission required natural gas research and demonstration projects in the functional areas of heating, cooling, dehumidification and water heating.

Program Projections for January, 1999 through December, 1999: Data collection for the Residential Gas Demonstration Project (Triathlon Gas Heat Pump) will end in 1998. Data collection for the Commercial Gas Dehumidification Demonstration Project will continue through most of the projection period.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$20,933.

Program Progress Summary: A gas powered York Triathlon has been installed and remotely monitored since August 1996 for the residential demonstration project. Now that this project has reached the end of the planned two year monitoring period, FPC will begin data analysis and an evaluation of the technology. FPC has monitored a Gas Regenerated Desiccant Wheel at a commercial site since August 1997 to research gas dehumidification. Monitoring of this project will continue through August 1999 to support the planned two-year study period.

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### **Program Description and Progress**

Program Title: Qualifying Facility

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

Program Projections for January, 1999 through December, 1999: Contracts for new facilities will continue to be negotiated when and if opportune. Renegotiation and litigation efforts of existing contracts will continue.

Program Fiscal Expenditures for January, 1999 through December, 1999: Expenses for this program are projected to be \$499,599.

Program Progress Summary: The total MW of qualifying facility capacity available at the end of 1997 was 1,050 MW. This includes Tiger Bay which is still being recovered through this clause.