

May 14, 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:

The testimony of John A. Masiello filed with your office on May 14, 2001 included exhibits (CT-1 through CT-4) that contained a fax transmission line. I have enclosed clean copies of those exhibits to correct this deficiency. In order not to impose the additional inconvenience on your staff of manually inserting the exhibits, I have included the remainder of Mr. Masiello's testimony and exhibits, as originally filed, with these clean exhibits so that you will have complete copies.

I apologize for any inconvenience this has caused and thank you for your assistance in this matter.

Very truly yours,

James A. McGee

JAM/scc Enclosure



May 14, 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 fifteen copies of the direct testimony of John A. Masiello. Clean copies of the faxed exhibits attached to Mr. Masiello's testimony have been sent to you today by express delivery. I apologize for any inconvenience this may cause.

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 Word format. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee

JAM/scc Enclosure

cc: Parties of record

FLORIDA POWER CORPORATION DOCKET NO. 010002-EU

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the Direct Testimony of John A.

Masiello has been furnished to the following individuals by regular U.S. Mail this 14th day of May, 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. 100 N. Tampa Street, Suite 2900 Tampa, FL 33602

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

Debbie Stitt Energy Conservation Analyst St. Joe Natural Gas Company P. O. Drawer 549 Port St. Joe, FL 32456 Kenneth A. Hoffman, Esq. Rutledge, Ecenia, et al. P.O. Box 551 Tallahassee, FL 32302-0551

Jam Attorney

FLORIDA POWER CORPORATION DOCKET No. 010002-EG

DIRECT TESTIMONY OF JOHN A. MASIELLO

1	Q.	State your name and business address.
2	Α.	My name is John A. Masiello. My business address is Florida Power, 3300
3		University Boulevard, Suite 158, Winter Park, Florida, 32792.
4		
5	Q.	By whom are you employed and in what capacity?
6	Α.	I am employed by Florida Power Corporation as Manager of Program
7	1	Development & Administration.
8		
9	Q.	Describe your responsibilities as Manager of Program Development &
10		Administration.
11	Α.	I am responsible for managing the development & administration of Florida
12		Power Corporation's residential and commercial Demand Side Management
	1	
13		programs as approved by the Florida Public Service Commission.
13		programs as approved by the Florida Public Service Commission.
	Q.	programs as approved by the Florida Public Service Commission. What is the purpose of your testimony?

A. The purpose of my testimony is to compare the actual costs of

implementing conservation programs with the actual revenues collected

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Q.

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Yes, Exhibit No. (JAM-1) entitled, "Florida Power Corporation Energy Α.

Do you have any Exhibits to your testimony?

Conservation Adjusted Net True-Up for the Period January 2000 through December 2000." There are five (5) schedules to this exhibit.

Will you please explain your Exhibit? Q.

Yes. Exhibit No. (JAM-1) presents Schedules CT-1 through CT-5. These Α. schedules set out the actual costs incurred for all programs during the period from January 2000 through December 2000. They also describe the variance between actual costs and previously projected values for the same time period. Schedule CT-5 provides a brief summary report for each program that includes program description, annual program expenditures and accomplishments over the twelve-month period ending December 2000.

Would you please discuss Schedule CT-1?

Yes. Schedule CT-1 shows that Florida Power's actual net true-up in its Energy Α. Conservation Cost Recovery Clause for the twelve months ending December 2000 was an over-recovery of \$9,617,291 including principal, interest, and This amount is \$1,098,128 more than what was revenue decoupling. previously estimated in FPC'S September 27, 2000 ECCR Projection Filing.

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Q. Does this conclude your direct testimony?

A. Yes.

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO. 1 JAM - 1 SCHEDULE CT-1 PAGE 1 OF 1 MAY 15, 2001

FLORIDA POWER CORPORATION

ENERGY CONSERVATION ADJUSTED NET TRUE-UP FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINE NO.

1 2 3 4 5 6	ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY BEGINNING BALANCE PRINCIPAL (CT 3, PAGE 2 of 3) INTEREST (CT 3, PAGE 2 of 3) PRIOR TRUE-UP REFUND ADJUSTMENTS	(\$13,607,931) (9,049,276) (568,015) 9,889,654 3,718,277	(\$9,617,291)
7 8	LESS: ESTIMATED TRUE-UP FROM SEPTEMBER 2000 PROJECTION FILING (OVER) / UNDER RECOVERY		
9	BEGINNING BALANCE	(\$13,607,931)	
10	PRINCIPAL	(7,975,448)	
11	INTEREST	(543,715)	
12	PRIOR TRUE-UP REFUND	9,889,654	
13	ADJUSTMENTS	3,718,277	(\$8,519,163)
14	VARIANCE TO PROJECTION		(\$1,098,128)

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO. 1 JAM - 1 SCHEDULE CT-2 PAGE 1 OF 4 MAY 15, 2001

FLORIDA POWER CORPORATION

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS ACTUAL VS. ESTIMATED FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINE				
NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	2,608,612	2,605,208	3,404
2	PAYROLL AND BENEFITS	5,077,362	5,224,797	(147,435)
3	MATERIALS AND SUPPLIES	234,003	228,773	5,230
4	OUTSIDE SERVICES	2,361,898	1,932,383	429,515
5	ADVERTISING	1,383,165	1,791,335	(408,170)
6	INCENTIVES	52,199,515	53,858,834	(1,659,319)
7	VEHICLES	272,551	278,792	(6,241)
8	OTHER	1,915,171	1,815,713	99,458
9	PROGRAM REVENUES	(1,486)	(781)	(705)
10	TOTAL PROGRAM COSTS	66,050,791	67,735,054	(1,684,263)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	65,210,413	65,820,848	(610,435)
13	PRIOR TRUE-UP	13,607,931_	13,607,931	0
14	TRUE-UP BEFORE INTEREST	(12,767,553)	(11,693,725)	(1,073,828)
15	AUDIT & REV DECOUPLING ADJUSTMENT	3,718,277	3,718,277	0
16	INTEREST PROVISION	(568,015)	(543,715)	(24,300)
17	END OF PERIOD TRUE-UP	(9,617,291)	(8,519,163)	(1,098,128)

⁽⁾ REFLECTS OVERRECOVERY

FPSC DOCKET NO 010002-EG FLORIDA POWER CORPORATION
WITNESS. J. A MASIELLO
EXHIBIT NO 1 JAM - 1
SCHEDULE CT-2
PAGE 2 OF 4
MAY 15, 2001

FLORIDA POWER CORPORATION

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

	DEPRECIATION									PROGRAM	
LINE	AMORTIZATION	PAYROLL &	MATERIALS &	OUTSIDE						REVENUES	
NO PROGRAM	& RETURN	BENEFITS	SUPPLIES	SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	SUB-TOTAL	(CREDIT)	TOTAL
1 BETTER BUSINESS	0	18,116	0	0	0	255,956	974	100	275,146	0	275,146
2 RESIDENTIAL NEW CONSTRUCTION	٥	348,861	6,057	6, 136	115,668	176,669	27,134	50,041	730,566	0	730,566
3 HOME ENERGY IMPROVEMENT	0	372,540	2,938	77,389	224,152	2,382,968	22,314	65,519	3,147,820	(1,300)	3,146,520
4 COMM / IND NEW CONSTRUCTION	0	0	0	0	0	43,279	0	0	43,279	0	43,279
5 HOME ENERGY CHECK	5,870	1,514,583	30,783	410,521	952,869	0	102,426	92,404	3,109,456	(186)	3,109,270
6 LOW INCOME	0	5,138	0	0	0	10,865	167	2,849	19,019	0	19,019
7 BUSINESS ENERGY CHECK	0	147,818	1,434	1,274	0	0	11,238	69,281	231,045	0	231,045
8 QUALIFYING FACILITY	2,992	264,746	5,127	18,076	0	0	645	35,984	327,570	0	327,570
9 INNOVATION INCENTIVE	. 0	0	0	0	0	0	0	0	0	0	0
10 TECHNOLOGY DEVELOPMENT	Ö	18,452	203	72,973	0	1,130	2,023	583	95,364	0	95,364
11 STANDBY GENERATION	0	18,926	48,995	18,942	0	420,258	820	42	507,983	0	507,983
12 INTERRUPT LOAD MANAGEMENT	0	18,695	13,168	5,574	0	19,398,920	1,318	45,148	19,482,823	0	19,482,823
13 CURTAIL LOAD MANAGEMENT	0	0	Ò	0	0	644,790	0	0	644,790	0	644,790
14 RESIDENTIAL LOAD MANAGEMENT	2,583,071	1,304,875	69,162	1,298,206	90,476	28,177,682	78,986	762,754	34,365,212	0	34,365,212
15 COMMMERCIAL LOAD MANAGEMENT	0	16,312	²⁵	3,023	. 0	686,298	511	45	706,214	0	706,214
16 CONSERVATION PROGRAM ADMIN	16,679	1,028,300	56,111	449,784	0	700	23,995	790,421	2,365,990	0	2,365,990
17 TOTAL ALL PROGRAMS	2,608,612	5,077,362	234,003	2,361,898	1,383,165	52,199,515	272,551	1,915,171	66,052,277	(1,486)	66,050,791

FPSC DOCKET NO 010002-EG *
FLORIDA POWER CORPORATION
WITNESS: J A MASIELLO
EXHIBIT NO 1 JAM - 1
SCHEDULE CT-2
PAGE 3 OF 4
MAY 15, 2001

FLORIDA POWER CORPORATION

VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS 12 MONTHS ACTUAL VERSUS 12 MONTHS ESTIMATED

FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

		DEPRECIATION									PROGRAM	
LINE		AMORTIZATION	PAYROLL &	MATERIALS &	OUTSIDE						REVENUES	
NO	PROGRAM	& RETURN_	BENEFITS	SUPPLIES	SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	SUB-TOTAL	(CREDIT)	TOTAL
1 E	ETTER BUSINESS	0	4,548	0	0	0	15,875	0	(735)	19,688	o	19,688
2 F	ESIDENTIAL NEW CONSTRUCTION	0	7,598	(993)	(23,739)	(76,816)	(103,220)	639	(5,134)	(201,665)	0	(201,665)
3 F	OME ENERGY IMPROVEMENT	0	(12,075)	(2,276)	(1,062)	(145,119)	(27, 155)	(1,085)	4,407	(184,365)	(705)	(185,070)
4 0	OMM / IND NEW CONSTRUCTION	0	0	0	0	0	(2,428)	0	(833)	(3,261)	0	(3,261)
5 F	OME ENERGY CHECK	0	9,981	9,081	33,106	50,794	0	(4,500)	(11,214)	87,248	0	87,248
6 L	OW INCOME	0	(5,226)	0	0	0	5,715	(851)	(1,814)	(2,176)	0	(2,176)
7 B	USINESS ENERGY CHECK	0	(2,687)	(1,318)	(799)	0	0	(109)	66,101	61,188	٥	61,188
8 C	UALIFYING FACILITY	0	(3,857)	567	(3,901)	0	0	342	(4,416)	(11,265)	0	(11,265)
9 11	INOVATION INCENTIVE	0	0	0	0	0	(54,564)	0	(436)	(55,000)	0	(55,000)
10 T	ECHNOLOGY DEVELOPMENT	0	(5,223)	1,009	39,500	0	0	(83)	(1,896)	33,307	0	33,307
11 S	TANDBY GENERATION	0	4,491	33,534	3,368	0	7,345	523	(733)	48,528	0	48,528
12 11	ITERRUPT LOAD MANAGEMENT	0	7,040	4,564	400	0	(619,765)	546	26,346	(580,869)	0	(580,869)
13 C	URTAIL LOAD MANAGEMENT	0	0	(2,503)	0	0	(7,167)	0	(1,665)	(11,335)	0	(11,335)
14 R	ESIDENTIAL LOAD MANAGEMENT	3,404	(154,470)	(45,523)	368,368	(237,029)	(873,260)	(3,063)	(50, 137)	(991,710)	0	(991,710)
15 C	OMMMERCIAL LOAD MANAGEMENT	0	2,624	٥	(22,439)	0	5,795	(349)	(2,290)	(16,659)	0	(16,659)
16 C	ONSERVATION PROGRAM ADMIN	0	(179)	9,088	36,713	0	(6,490)	1,749	83,907	124,788	0	124,788
17 T	OTAL ALL PROGRAMS	3,404	(147,435)	5,230	429,515	(408,170)	(1,659,319)	(6,241)	99,458	(1,683,558)	(705)	(1,684,263)

FPSC DOCKET NO 010002-EG 'FLORIDA POWER CORPORATION WITNESS' J. A MASIELLO EXHIBIT NO. 1 JAM - 1 SCHEDULE CT-2 PAGE 4 OF 4 MAY 15, 2001

FLORIDA POWER CORPORATION

BUDGET ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

		DEPRECIATION									PROGRAM	
LINE		AMORTIZATION	PAYROLL &	MATERIALS &	OUTSIDE						REVENUES	
NO	PROGRAM	& RETURN	BENEFITS	SUPPLIES	SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	SUB-TOTAL	(CREDIT)	TOTAL
1 BET	TTER BUSINESS	0	13,568	0	0	0	240,081	974	835	255,458	0	255,458
2 RES	SIDENTIAL NEW CONSTRUCTION	0	341,263	7,050	29,875	192,484	279,889	26,495	55,175	932,231	0	932,231
3 HO	ME ENERGY IMPROVEMENT	0	384,615	5,214	78,451	369,271	2,410,123	23,399	61,112	3,332,185	(595)	3,331,590
4 CO	MM / IND NEW CONSTRUCTION	0	0	0	0	0	45,707	0	833	46,540	Ò	46,540
5 HO	ME ENERGY CHECK	5,870	1,504,602	21,702	377,415	902,075	0	106,926	103,618	3,022,208	(186)	3,022,022
6 LOV	VINCOME	0	10,364	0	0	0	5,150	1,018	4,663	21,195	0	21,195
7 BUS	SINESS ENERGY CHECK	0	150,505	2,752	2,073	0	0	11,347	3,180	169,857	0	169,857
9 PRI	OR TRUE-UP	2,992	268,603	4,560	21,977	0	٥	303	40,400	338,835	0	338,835
10 INN	OVATION INCENTIVE	0	0	0	0	0	54,564	0	436	55,000	0	55,000
11 TEC	HNOLOGY DEVELOPMENT	C	23,675	(806)	33,473	0	1,130	2,106	2,479	62,057	0	62,057
12 STA	NDBY GENERATION	0	14,435	15,461	15,574	0	412,913	297	775	459,455	0	459,455
13 INTE	ERRUPT LOAD MANAGEMENT	0	11,655	8,604	5,174	0	20,018,685	772	18,802	20,063,692	0	20,063,692
14 CUR	RTAIL LOAD MANAGEMENT	0	0	2,503	0	0	651,957	0	1,665	656, 125	0	656,125
15 RES	SIDENTIAL LOAD MANAGEMENT	2,579,667	1,459,345	114,685	929,838	327,505	29,050,942	82,049	812,891	35,356,922	0	35,356,922
18 CON	MMMERCIAL LOAD MANAGEMENT	0	13,688	25	25,462	0	680,503	860	2,335	722,873	0	722,873
20 CON	NSERVATION PROGRAM ADMIN	16,679	1,028,479	47,023	413,071	0	7,190	22,246	706,514	2,241,202	0_	2,241,202
21 TOT	AL ALL PROGRAMS	2,605,208	5,224,797	228,773	1,932,383	1,791,335	53,858,834	278,792	1,815,713	67,735,835	(781)	67,735,054

FPSC DOCKET NO 010002-EG FLORIDA POWER CORPORATION WITNESS J A MASIELLO EXHIBIT NO 1 JAM - 1 SCHEDULE CT-3 PAGE 1 OF 3 MAY 15, 2001

FLORIDA POWER CORPORATION

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINE														
NO,	PROGRAM TITLE	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	TOTAL
1 RETTER	BUSINESS	3,079	12,964	15,963	13,315	6.897	107,923	13.736	5,581	2,016	80,388	12,524	760	275,146
	ITIAL NEW CONSTRUCTION	49,816	39,379	77,095	49,961	53,078	62,321	49,798	56,783	75.767	102,141	60.094	54,333	730,566
	NERGY IMPROVEMENT	254,893	220,115	385,795	263,797	316,565	256,619	323,505	259,896	295,425	210,859	183,948	176,403	3,147,820
	ND NEW CONSTRUCTION	0	0	0	0	18,540	0	0	0	200	0	14,699	9,840	43,279
5 HOME EI	NERGY CHECK	127,756	164,282	257,900	186,229	203,625	211,746	258,970	408,444	155,756	601,383	218,349	315,016	3,109,456
6 LOWING	OME	. 0	. 0	. 0	0	0	0	728	467	8,362	2,912	4,005	2,545	19,019
7 BUSINES	SS ENERGY CHECK	7,160	14,470	13,481	17,516	12,670	12,898	14,329	20,333	48,828	14,213	13,521	41,626	231,045
8 QUALIFY	ING FACILITY	34,039	26,531	33,811	20,951	25,980	28,635	22,861	27,061	38,030	23,307	24,316	22,048	327,570
9 INNOVAT	TION INCENTIVE	0	0	0	0	0	0	0	0	σ	0	0	ø	0
	LOGY DEVELOPMENT	269	1,665	6,252	2,693	5,160	4,957	7,637	6,424	3,870	879	1,535	54,023	95,364
	Y GENERATION	24,563	33,143	34,389	29,177	30,052	38,676	38,439	38,016	40,480	49,899	54,679	96,470	507,983
	JPT LOAD MANAGEMENT	2,021,114	1,524,231	1,660,423	1,667,747	1,472,029	1,607,499	1,566,725	1,533,924	1,570,137	1,528,758	1,589,163	1,741,073	19,482,823
	LOAD MANAGEMENT	44,260	43,812	56,412	54,536	66,985	59,858	55,867	49,395	52,571	50,737	55,207	55,150	644,790
	ITIAL LOAD MANAGEMENT	2,891,997	3,695,852	2,461,711	2,096,645	2,404,919	3,064,620	3,202,342	3,215,012	3,191,600	2,831,872	2,399,179	2,909,463	34,365,212
	ERCIAL LOAD MANAGEMENT	40,882	61,716	49,215	70,765	53,896	52,331	61,788	70,280	76,441	56,512	65,580	46,808	706,214
	VATION PROGRAM ADMIN	140,810	141,152	274,207	173,888	200,058	172,489	171,263	218,035	191,969	202,496	213,326	266,297	2,365,990
17 TOTAL A	LL PROGRAMS	5,640,638	5,979,312	5,326,654	4,647,220	4,870,454	5,680,572	5,787,988	5,909,651	5,751,452	5,756,356	4,910,125	5,791,855	66,052,277
18		_				_	_	•						
	SE RATE RECOVERY								<u> </u>					0
20 21 NET REC	OVERABLE (CT-3,PAGE 2)	5,640,638	5,979,312	5,326,654	4,647,220	4,870,454	5,680,572	5,787,988	5,909,651	5,751,452	5,756,356	4,910,125	5,791,855	66,052,277

^{*}GROSS EXPENDITURES ONLY AUDIT PROGRAM REVENUES ARE ACCOUNTED FOR IN CALCULATION OF TRUE-UP SCHEDULE CT-3, PAGE 2 OF 3

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS. J. A. MASIELLO EXHIBIT NO 1 JAM - 1 SCHEDULE CT 3 PAGE 2 DF 3 MAY 15, 2001

FLORIDA POWER CORPORATION

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINE NO		JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	TOTAL FOR THE PERIOD
1A BETTER BUSINESS		0	0	0	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT		25	0	0	0	0	445	100	25	25	0	0	680	1,300
1C HOME ENERGY CHECK	_	89	(470)	55	(451)	(428)	(162)	1,474	79	0		0	0	186
1D SUBTOTAL - FEES		114	(470)	55	(451)	(428)	283	1,574	104	25	0	0	680	1,486
2 CONSERVATION CLAUSE REVENUES		4,488,927	5,453,014	4,323,167	4,610,961	4,929,765	6,391,452	6,707,479	6,423,561	6,840,724	5,582,348	4,634,285	4,824,730	65,210,413
2A CURRENT PERIOD GRT REFUND	_	0 00	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES		4,489,041	5,452,544	4,323,222	4,610,510	4,929,337	6,391,735	6,709,053	6,423,665	6,840,749	5,582,348	4,634,285	4,825,410	65,211,899
4 PRIOR PERIOD TRUE-UP OVER/(UNDER 13,6	607,931	78,500	78,500	78,500	1,072,684	1,072,684	1,072,684	1,072,684	1,072,684	1,072,684	1,072,684	1,072,684	1,072,682	9,889,654
5 CONSERVATION REVENUES APPLICABLE TO PERIOD		4,567,541	5,531,044	4,401,722	5,683,194	6,002,021	7,464,419	7,781,737	7,496,349	7,913,433	6,655,032	5,706,969	5,898,092	75,101,553
6 CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 73)	_	5,640,638	5,979,312	5,326,654	4,647,220	4,870,454	5,680,572	5,787,988	5,909,651	5,751,452	5,756,356	4,910,125	5,791,855	66,052,277
7 TRUE-UP THIS PERIOD (O)/U		1,073,097	448,268	924,932	(1,035,974)	(1,131,567)	(1,783,847)	(1,993,749)	(1,586,698)	(2,161,981)	(898,675)	(796,844)	(106,237)	(9,049,276)
8 CURRENT PERIOD INTEREST		(44,241)	(41,175)	(38,553)	(37,329)	(39,110)	(42,681)	(47,114)	(50,889)	(55,500)	(58,320)	(58,082)	(55,041)	(568,015)
9 ADJUSTMENTS PER AUDIT \ RDC Order		3,718,277	0	0	0	0	0	0	0	0	o	0	0	3,718,277
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (O)/U		(13,607,931)	(8,782,298)	(8,296,705)	(7,331,826)	(7,332,445)	(7,430,438)	(8,184,262)	(9,152,441)	(9,717,344)	(10,862,141)	(10,746,453)	(10,528,695)	(13,607,931)
10 A CURRENT PERIOD GRT REFUNDED		0	0	0	0	0	O	0	0	0	0	0	0	0
11 PRIOR TRUE-UP REFUNDED/ (COLLECTED)	_	78,500	78,500	78,500	1,072,684	1,072,884	1,072,684	1,072,684	1,072,684	1,072,684	1,072,684	1,072,684	1,072,682	9,889,654
12 END OF PERIOD NET TRUE-UP	_	(8,782,298)	(8,296,705)	(7,331,826)	(7,332,445)	(7,430,438)	(8,184,262)	(9,152,441)	(9,717,344)	(10,862,141)	(10,746,453)	(10,528,695)	(9,617,291)	(9,617,291)

FPSC DOCKET NO 010002-EG
FLORIDA POWER CORPORATION
WITNESS: J A MASIELLO
EXHIBIT NO 1 JAM - 1
SCHEDULE CT-3
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FLORIDA POWER CORPORATION

CALCULATION OF INTEREST PROVISION FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINĖ NO	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	TOTAL FOR THE PERIOD
1 BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	(9,889,854)	(8,782,298)	(8,298,705)	(7,331,826)	(7,332,445)	(7,430,438)	(8,184,262)	(9,152,441)	(9,717,344)	(10,862,141)	(10,746,453)	(10,528,695)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(8,738,057)	(8,255,530)	(7,293,273)	(7,295,116)	(7,391,328)	(8,141,601)	(9,105,327)	(9,666,455)	(10,806,641)	(10,688,133)	(10,470,613)	(9,562,250)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(18,627,711)	(17,037,828)	(15,589,978)	(14,626,942)	(14,723,773)	(15,572,039)	(17,289,589)	(18,818,896)	(20,523,985)	(21,550,274)	(21,217,066)	(20,090,945)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(9,313,856)	(8,518,914)	(7,794,989)	(7,313,471)	(7,361,887)	(7,786,020)	(8,644,795)	(9,409,448)	(10,261,993)	(10,775,137)	(10,608,533)	(10,045,473)	
5 INTEREST RATE FIRST DAY REPORTING BUSINESS MONTH	5 60%	5.80%	5 80%	6 07%	6 18%	6 57%	6 58%	6 50%	6 48%	6 50%	6 49%	6,65%	
6 INTEREST RATE FIRST DAY SUBSEQUENT BUSINESS MONTH	5 80%	5 80%	6 07%	6.18%	6.57%	6.58%	6 50%	6 48%	6 50%	6 49%	6 65%	6 50%	
7 TOTAL (LINE 5 AND LINE 6)	11.40%	11 60%	11.87%	12.25%	12.75%	13.15%	13 08%	12 98%	12 98%	12 99%	13 14%	13 15%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	5 700%	5.800%	5.935%	6.125%	8 375%	6 575%	6 540%	6 490%	6 490%	6 495%	6 570%	6 575%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(44,241)	(41,175)	(38,553)	(37,329)	(39,110)	(42,661)	(47,114)	(50,889)	(55,500)	(58,320)	(58,082)	(55,041)	(568,015)

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS J A MASIELLO EXHIBIT NO 1 JAM - 1 SCHEDULE CT-4 PAGE 1 OF 3 MAY 15, 2001

FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINE NO.	BEGINNING BALANCE	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	TOTAL
1 QUALIFYING FACILITY 2 INVESTMENTS 3 RETIREMENTS 4 DEPRECIATION BASE	-	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0 0 12,657	0
6 DEPRECIATION EXPENSE	_	211	211	211	211	211	211	211	211	211	211	211	211	2,532
7 8 CUMM NET INVEST 9 LESS: ACC. NET DEPR 10 NET INVESTMENT 11 AVERAGE INVESTMENT 12 RETURN ON AVG INVEST	12,657 7,440 5,217	12,657 7,651 5,006 5,112 36	12,657 7,862 4,795 4,901 34	12,657 8,073 4,584 4,690 33	12,657 8,284 4,373 4,479 31	12,657 8,495 4,162 4,268 30	12,657 8,706 3,951 4,057 28	12,657 8,917 3,740 3,846 26	12,657 9,128 3,529 3,635 26	12,657 9,339 3,318 3,424 24	12,657 9,550 3,107 3,213 23	12,657 9,761 2,896 3,002 21	12,657 9,972 2,685 2,791 20	12,657 9,972 2,685 332
13 14 RETURN REQUIREMENTS		50	47	46	43	41	39	36	36	33	32	29	28	460
15 16 PROGRAM TOTAL	-	261	258	257	254	252	250	247	247	244	243	240	239	2,992
17 18 LOAD MANAGEMENT ASSETS 19 INVESTMENTS 20 RETIREMENTS 21 DEPRECIATION BASE	_	0 202,554 4,649,423	0 1,023,709 4,036,292	0 3,014,813 2,017,031	0 0 509,624	o 0 509,624	0 4,241,076							
22 23 DEPRECIATION EXPENSE	_	77,491	67,272	33,617	8,494	8,494	8,494	8,494	8,494	8,494	8,494	8,494	8,494	254,826
24 25 CUMM NET INVEST 26 LESS: ACC NET DEPR 27 NET INVESTMENT 28 AVERAGE INVESTMENT 29 RETURN ON AVG INVEST 30	4,750,700 3,967,056 783,644	4,548,148 3,841,993 706,153 744,899 5,195	3,524,437 2,885,556 638,881 672,517 4,690	509,624 (95,640) 605,264 622,073 4,339	509,624 (87,148) 596,770 601,017 4,192	509,624 (78,652) 588,276 592,523 4,133	509,624 (70,158) 579,782 584,029 4,074	509,624 (61,664) 571,288 575,535 4,015	509,624 (53,170) 562,794 567,041 3,955	509,624 (44,676) 554,300 558,547 3,896	509,624 (36,182) 545,806 550,053 3,837	509,624 (27,688) 537,312 541,559 3,778	509,624 (19,194) 528,818 533,065 3,718	509,624 (19,194) 528,818 49,822
31 RETURN REQUIREMENTS	_	7,191	6,492	6,006	5,802	5,721	5,639	5,557	5,474	5,393	5,311	5,229	5,146	68,961
32 33 PROGRAM TOTAL		84,682	73,764	39,623	14,298	14,215	14,133	14,051	13,968	13,887	13,805	13,723	13,640	323,787

NOTE DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF, 0.186687 OR 20% ANNUALLY. RETURN ON AVERAGE INVESTMENT IS CALCULATED USING A MONTHLY RATE OF, 0.08975 (8.37% ANNUALLY-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO, 9.10890-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38 575%.

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS J. A. MASIELLO EXHIBIT NO. 1 JAM - 1 SCHEDULE CT-4 PAGE 2 OF 3 MAY 15, 2001

FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINE NO.	BEGINNING BALANCE	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	TOTAL
1 HOME ENERGY CHECK 2 INVESTMENTS 3 RETIREMENTS 4 DEPRECIATION BASE	_	0 0 27,200	0 0 27,200	0 0 <u>27,200</u>	0 0 27,200	0 23,690 15,355	0 23,690							
5 6 DEPRECIATION EXPENSE	_	453	453	453	453_	453	453	453	453	453	453	453	256	5,239
7 8 CUMM NET INVEST 9 LESS, ACC, NET DEPR 10 NET INVESTMENT 11 AVERAGE INVESTMENT 12 RETURN ON AVG INVEST	27,200 19,023 8,177	27,200 19,476 7,724 7,951 56	27,200 19,929 7,271 7,498 52	27,200 20,382 6,818 7,045 49	27,200 20,835 6,365 6,592 46	27,200 21,288 5,912 6,139 43	27,200 21,741 5,459 5,686 39	27,200 22,194 5,006 5,233 36	27,200 22,647 4,553 4,780 33	27,200 23,100 4,100 4,327 30	27,200 23,553 3,647 3,874 27	27,200 24,006 3,194 3,421 24	3,510 572 2,938 3,066 21	3,510 572 2,938 456
13 14 RÉTURN REQUIREMENTS	_		72	68	64	59	54	50	46	41_	38	33	29	631
15 16 PROGRAM TOTAL	_	530	525	521	517	512	507	503	499	494	491	486	285	5,870
17 18 CONSERV. PROGRAM ADMIN 19 INVESTMENTS 20 RETIREMENTS 21 DEPRECIATION BASE	_	0 34,584 80,299	0 0 63,007	0 0 63,0 <u>07</u>	0 0 63,007	0 0 63,007	0 34,584							
22 23 DEPRECIATION EXPENSE	-	1,338	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	12,888
24 25 CUMM NET INVEST 28 LESS. ACC NET DEPR 27 NET INVESTMENT 28 AVERAGE INVESTMENT 29 RETURN ON AVG INVEST	97,591 58,296 39,295	63,007 25,050 37,957 38,626 270	63,007 26,100 36,907 37,432 261	63,007 27,150 35,857 36,382 254	63,007 28,200 34,807 35,332 247	63,007 29,250 33,757 34,262 239	63,007 30,300 32,707 33,232 232	63,007 31,350 31,657 32,182 224	63,007 32,400 30,607 31,132 217	63,007 33,450 29,557 30,082 209	63,007 34,500 28,507 29,032 203	63,007 35,550 27,457 27,982 195	63,007 36,600 26,407 26,932 188	63,007 36,600 26,407 2,739
30 31 RETURN REQUIREMENTS	_	374	361	351	342	331	321	310	301	289	281	270	260	3,791
32 33 PROGRAM TOTAL	_	1,712	1,411	1,401	1,392	1,381	1,371	1,360	1,351	1,339	1,331	1,320	1,310	16,679
34 35 TOTAL DEPRECIATION AND RETURI	N	87,185	75,958	41,802	18,459	18,360	16,261	16,161	16,065	15,964	15,870	15,769	15,474	349,328
DEPR OF RETURN OF		79,493 7,692	68,986 6,972	35,331 6,471	10,208 6,251	10,208 6,152	10,208 6,053	10,208 5,953	10,208 5,857	10,208 5,756	10,208 5,662	10,208 5,561	10,011 5,463	275,485 73,843

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166867
OR 20% ANNUALLY RETURN ON AVERAGE INVESTMENT IS CALCULATED USING
A MONTHLY RATE OF .006975 (8 37% ANNUALLY-MIDPOINT AUTHORIZED BY THE
FPSC IN DOCKET NO .910890-EI). RETURN REQUIREMENTS ARE CALCULATED
USING A COMBINED STATUTORY TAX RATE OF .38 575%.

FPSC DOCKET NO 010002-EG FLORIDA POWER CORPORATION WITNESS, J A. MASIELLO EXHIBIT NO 1 JAM - 1 SCHEDULE CT-4 PAGE 3 of 3 MAY 15, 2001

FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

LINE NO	BEGINNING BALANCE	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	TOTAL
1 LOAD MANAGEMENT														
2														
3 LOAD CONTROL RECEIVERS, SWITCHES	S													
4 & HARDWARE - INVESTMENTS		28,937	16,356	32,280	10,941	36,109	29,575	35,237	30,836	22,148	23,428	40,885	423,609	730,339
5 RETIREMENTS		125,042	143,149	435,348	65,393	122,177	44,669	205,485	214,697	66,856	269,942	226,201	367,664	2,286,623
6 AMORTIZATION BASE	_	10,151,344	10,039,895	9,774,964	9,546,204	9,475,944	9,425,363	9,332,691	9,155,637	9,041,352	8,895,741	8,679,826	8,615,140	
7														
8 AMORTIZATION EXPENSE		169,189	167,332	162,916	159,104	157,933	157,090	155,545	152,594	150,690	148,263	144,664	143,586	1,868,906
9														
10 CUMULATIVE INVEST.	10,199,397	10,103,291	9,976,498	9,573,430	9,518,978	9,432,910	9,417,815	9,247,567	9,063,706	9,018,998	8,772,484	8,587,168	8,643,113	8,643,113
11 LESS ACC AMORT.	6,044,136	6,088,283	6,112,466	5,840,034	5,933,745	5,969,501	6,081,922	6,031,982	5,969,879	6,053,713	5,932,034	5,850,497	5,626,419	5,626,419
12 NET INVESTMENT	4,155,261	4,015,008	3,864,032	3,733,396	3,585,233	3,463,409	3,335,893	3,215,585	3,093,827	2,965,285	2,840,450	2,736,671	3,016,694	3,016,694
13 AVERAGE INVESTMENT		4,085,135	3,939,520	3,798,714	3,659,314	3,524,321	3,399,651	3,275,739	3,154,706	3,029,556	2,902,867	2,788,560	2,876,682	200 200
14 RETURN ON AVG INVEST.	-	28,494	27,478	26,496	25,524	24,582	23,712	22,849	22,004	21,131	20,248	19,450	20,065	282,033
15		20.440	38.034	38,875	35,329	34,025	32.821	31,627	30.457	29,249	28,026	26,922	27,773	200.278
18 RETURN REQUIREMENTS	-	39,440	30,034	30,0/3	33,328	39,025	32,021	31,027	30,437	23,248	20,020	20,822	21,113	390,378
17 18 PROGRAM TOTAL		208,629	205,366	199,591	194,433	191,958	189,911	187,172	183,051	179,939	176,289	171,586	171,359	2,259,284

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, 006973 (8.37% ANNUALLY-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO 910890-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO: ___(JAM-1) SCHEDULE CT-5 PAGE 1 OF 14 MAY 15, 2001

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 Accomplishments for January, 2000 through December, 2000: There were 31,612 customers that participated in this program.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$3,109,270.

Program Progress Summary: The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements that result in implementation of energy efficiency measures.

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO: ___(JAM-1) SCHEDULE CT-5 PAGE 2 OF 14 MAY 15, 2001

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 Accomplishments January, 2000 through December, 2000: There were 20,005 customers that participated in this program.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$3,146,520.

Program Progress Summary: Completions met projections in 2000.

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO: ___(JAM-1) SCHEDULE CT-5 PAGE 3 OF 14 MAY 15, 2001

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 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 Accomplishments January, 2000 through December, 2000: There were 7,942 participants in the program.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$730,566.

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

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO: ___(JAM-1) SCHEDULE CT-5 PAGE 4 OF 14 MAY 15, 2001

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 Accomplishments January, 2000 through December, 2000: There were 65 families that participated in the program.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$19,019.

Program Progress Summary: The program was launched during the month of July 2000. Projections were met in the Weatherization Program.

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FLORIDA POWER CORPORATION
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MAY 15, 2001

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 Accomplishments for January, 2000 through December, 2000: During this period we added 5,504 customers to the program.

Program Fiscal Expenditures for January, 2000 through December, 2000: Program expenditures during this period were \$35,071,426.

Program Progress Summary: As of December 31, 2000 there were 466,874 customers participating in the Load Management program.

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MAY 15, 2001

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 Accomplishments January, 2000 through December, 2000: There were 444 customers that participated in this program.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$231,045.

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: 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 Accomplishments January, 2000 through December, 2000: There were 97 customers that participated in the program.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$275,146.

Program Progress Summary: There were 97 Better Business program completions in 2000.

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO: ___(JAM-1) SCHEDULE CT-5 PAGE 8 OF 14 MAY 15, 2001

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 Accomplishments January, 2000 through December, 2000: There were 19 participants during this period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$43,279.

Program Progress Summary: There were 19 Commercial/Industrial New Construction program completions in 2000.

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO: ___(JAM-1) SCHEDULE CT-5 PAGE 9 OF 14 MAY 15, 2001

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 Accomplishments January, 2000 through December, 2000: There were no participants during this period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$0.

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

FPSC DOCKET NO. 010002-EG FLORIDA POWER CORPORATION WITNESS: J. A. MASIELLO EXHIBIT NO: ___(JAM-1) SCHEDULE CT-5 PAGE 10 OF 14 MAY 15, 2001

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 Accomplishments January, 2000 through December, 2000: There were 11 new customers added to the program during this period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$507,983.

Program Progress Summary: The program met projections in 2000.

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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 Accomplishments January, 2000 through December, 2000: There were 6 new participants added to the program under the IS-2 tariff during this period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$19,482,823.

Program Progress Summary: 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. The 6 new participants in 2000 were 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 Accomplishments January, 2000 through December, 2000: No new participants were added during the period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$644,790.

Program Progress Summary: To date the program has 8 participants. 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.

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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 Accomplishments January, 2000 through December, 2000: 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. R&D projects for dual compressor heat pumps and radiant barriers will be evaluated by 3rd quarter 2001.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program were \$95,364.

Program Progress Summary: The residential HVAC airflow and proper refrigerant charge R&D project field-tested 24 homes in 2000. The photovoltaic R&D project on manufactured housing was delayed due to unforeseen contract problems and will continue through 2001.

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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 2000 through December 2000: Contracts for new facilities will continue to be negotiated when opportune.

Program Fiscal Expenditures for January 2000 through December 2000: Expenses for this program were \$327,570.

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.