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REGISTERED LIMITED LIABILITY PARTNERSHIP

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September 26, 2003

VIA HAND DELIVERY

Blanca S. Bayó, Director Division of the Commission Clerk & Administrative Services Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, Florida 32399-0850

Re: <u>Docket No. 030002-EG</u>

Dear Ms. Bayó:

Enclosed for filing please find an original and 15 copies of Petition of Florida Power & Light Company for Approval of its Conservation Cost Recovery Factors and the supporting Testimony and Exhibits of Ken Getchell.

If you or your staff have any questions regarding this transmittal, please contact me at 222-2300. Thank you.

Very truly yours,

Charles A. Guyton

CAG/sem

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

09233 SEP 26 8

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re:	Energy Conservation Cost)	Docket No. 030002-EG
	Recovery Clause)	
)	Filed: September 26, 2003

PETITION OF FLORIDA POWER & LIGHT COMPANY FOR APPROVAL OF ITS CONSERVATION COST RECOVERY FACTORS

Florida Power & Light Company ("FPL"), pursuant to Section 366.82(2), Florida Statutes (2001), Rule 25-17.015, Florida Administrative Code, Order No. PSC-93-0709-FOF-EG, and Order No. PSC-98-1084-FOF-PU, hereby petitions the Florida Public Service Commission ("Commission") for approval of the conservation cost recovery factors shown on Appendix I, attached hereto and incorporated by reference, to be applied during the January 2004 through December 2004 billing period and to continue in effect thereafter until modified by the Commission. The grounds for this Petition are:

1. The name and the address of the affected agency are:

Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

2. FPL's address is 9250 West Flagler Street, Miami, Florida 33174. Correspondence, notices, orders, motions and other documents concerning this petition should be sent to:

Charles A. Guyton Steel Hector & Davis LLP 215 South Monroe Street Suite 601 Tallahassee, Florida 32301 William G. Walker, III Vice President, Regulatory Affairs Florida Power & Light Company Suite 810, 215 S. Monroe St. Tallahassee, Florida 32301

3. FPL is an investor-owned electric utility regulated by the Commission pursuant to Chapter 366, Florida Statutes. FPL is subject to the Florida Energy Efficiency Conservation Act

39233 SEP 26 \$

FPSC-COMMISSION CLERK

("FEECA"), and its Energy Conservation Cost Recovery ("ECCR") clause is subject to the Commission's jurisdiction. By rule, Florida Administrative Code 25-17.015, and Order Nos. PSC-93-0709-FOF-EG, PSC-93-1845-FOF-EG, and PSC-98-1084-FOF-PU (among others), the Commission has authorized conservation cost recovery factors and set forth their calculation. FPL's substantial interest in the recovery of its conservation-related expenditures will be affected by this proceeding.

- 4. FPL's conservation cost recovery factors were calculated consistent with the order establishing annual conservation cost recovery factors, Order No. PSC-93-0709-FOF-EG, and the order establishing the ECCR cost of service methodology, Order No. PSC-93-1845-FOF-EG. The factors are designed to recover the projected conservation program expenses for the period January 2004 through December 2004 adjusted for (a) the estimated true-up for the period January 2003 through December 2003, and (b) the final conservation true-up for the period January 2002 through December 2002, as well as an interest provision for both true-ups. The calculation of these factors and the supporting documentation are contained in the prepared testimony of FPL witness Ken Getchell and in Exhibit KG-2, which are being filed with and are incorporated by reference in this Petition. Exhibit KG-2 consists of the conservation cost recovery forms that FPL and other utilities were directed to file by the Commission's Electric and Gas Department memorandum dated June 17, 1982.
- 5. FPL projects total conservation program costs, net of all program revenues, of \$158,171,640 for the period January 2004 through December 2004. The net true-up is an overrecovery of \$20,719,771, which includes the final conservation true-up overrecovery for January 2002 through December 2002 of \$4,243.101 that was reported in FPL's Schedule CT-1 filed May 15, 2003. Decreasing the projected costs of \$158,171,640 by the net true-up

overrecovery of \$20,719,771 results in a total of \$137,451,869 of conservation costs (plus

applicable taxes) to be recovered during the January 2004 through December 2004 period. Total

recoverable conservation costs and applicable taxes, net of program revenues and reflecting any

applicable over or under recoveries are \$138,369,973, and the conservation cost recovery factors

for which FPL seeks approval are designed to recover this level of costs and taxes.

6. FPL is not aware of any disputed issues of fact. This petition is not in response to

a prior agency decision, so the petitioner cannot state when and how it "received notice of the

agency decision." The Commission should approve the conservation cost recovery factors

shown on Appendix I. FPL is entitled to relief pursuant to Section 366.82(2), Florida Statutes

(2001), Rule 25-17.015, Florida Administrative Code, and Order No. PSC-93-0709-FOF-EG,

and Order No. PSC-98-1084-FOF-PU.

WHEREFORE, FPL respectfully petitions the Commission to approve for the billing

period January 1, 2004 through December 31, 2004, and to continue in effect thereafter until

modified by the Commission, the conservation cost recovery factors shown on Appendix I.

Respectfully submitted,

STEEL HECTOR & DAVIS LLP

Suite 601

215 South Monroe Street

Tallahassee, Florida 32308

(850) 222-2300

Attorneys for Florida Power &

Light Company

y: <u>Chanl</u>

Charles A. Guyton

Fla. Bar No. \$98039

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APPENDIX I

FLORIDA POWER & LIGHT COMPANY CONSERVATION COST RECOVERY FACTORS January 2004 through December 2004

Rate Class	Conservation Recovery Factor \$/kWh
RS1	0.00145
GS1	0.00143
GSD1	0.00131
OS2	0.00141
GSLD1/CS1	0.00125
GSLD2/CS2	0.00120
GSLD3/CS3	0.00114
ISST1D	0.00000
SST1T	0.00100
SST1D	0.00124
CILCD/CILCG	0.00115
CILCT	0.00106
MET	0.00137
OL1/SL1/PL1	0.00070
SL2	0.00110
TOTAL	0.00137

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of Florida Power & Light Company's Petition for Approval of its Conservation Cost Recovery Factors and the Testimony and Exhibits of Ken Getchell was served by Hand Delivery (when indicated with an *) or mailed this 26th day of September, 2003 to the following:

Lorena Holley, Esq.*
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Lee L. Willis, Esq. James D. Beasley, Esq. Ausley Law Firm 227 South Calhoun Street Tallahassee, Florida 32302

Jeffrey A. Stone, Esq. Russell Badders, Esq. Beggs & Lane Post Office Box 12950 Pensacola, Florida 32576-2950

Joseph A. McGlothlin, Esq. Vicki Gordon Kaufman, Esq. McWhirter, Reeves, et al. 117 South Gadsden Street Tallahassee, Florida 32301

John W. McWhirter, Jr., Esq. McWhirter, Reeves, et al. Post Office Box 3350 Tampa, Florida 33601

Charles Beck, Esq. Rob Vandiver, Esq. Office of Public Counsel 111 West Madison Street Room 812 Tallahassee, Florida 32399 Norman Horton, Jr., Esq. Messer, Caparello, et al. 215 South Monroe Street, Suite 701 Tallahassee, Florida 32301

Susan D. Ritenour Gulf Power Company One Energy Place Pensacola, Florida 32520-0780

George Bachman Florida Public Utilities Co. P.O. Box 3395 West Palm Beach, Florida 33402-3395

Angela Llewellyn Tampa Electric Company P.O. Box 111 Tampa, Florida 33601-0111

Mr. James A. McGee, Esq. Progress Energy Service Company, LLC P.O. Box 14042 St. Petersburg, Florida 33733

Charles A. Guyton

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 030002-EG FLORIDA POWER & LIGHT COMPANY

SEPTEMBER 26, 2003

CONSERVATION COST RECOVERY FACTOR

PROJECTION
JANUARY 2004 THROUGH DECEMBER 2004

TESTIMONY & EXHIBITS OF:

KEN GETCHELL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF KEN GETCHELL

DOCKET NO. 030002-EG

September 26, 2003

1	Q.	Please state your name and business address.
2	A.	My name is Ken Getchell, and my business address is: 9250 West Flagler Street,
3		Miamı, Florida 33174.
4		
5	Q.	Who is your employer, and what position do you hold?
6	A.	I am employed by Florida Power & Light Company (FPL) as a Budget and
7		Regulatory Support Supervisor.
8		
9	Q.	Have you previously testified in this docket?
10		Yes, I have.
11		
12	Q.	What are your responsibilities and duties as a Budget and Regulatory
13		Support Supervisor?
14	A.	I am responsible for supervising and assisting in the development of the Business
15		Unit budget for all functional areas under Customer Service. I supervise and
16		assist system support functions related to the Customer Service department,
17		Demand Side Management (DSM), and Energy Conservation Cost Recovery
18		(ECCR), including monthly accounting reviews. Also, I supervise and assist in

1		the preparation of regulatory filings and reports related to ECCR, prepare
2		responses to regulatory inquiries and ensure timely responses. I am also
3		responsible for the ECCR Forecast and True-Up.
4		
5	Q.	What is the purpose of your testimony?
6	A.	The purpose is to submit for Commission review and approval the projected
7		ECCR costs to be incurred by FPL during the months of January 2004 through
8		December 2004, as well as the actual/estimated ECCR costs for January 2003
9		through December 2003, for our DSM programs. I also present the total level of
10		costs FPL seeks to recover through its Conservation Factors during the period
11		January 2004 through December 2004, as well as the Conservation Factors
12		which, when applied to our customers' bills during the period January 2004
13		through December 2004, will permit the recovery of total ECCR costs.
14		
15	Q.	Have you prepared or had prepared under your supervision and control an
16		exhibit?
17	A.	Yes, I am sponsoring Exhibit KG-2, which is attached to my testimony and
18		consists of Schedules C-1 through C-5. While I am sponsoring all of Exhibit
19		KG-2, parts of the exhibit were prepared by Ms. Korel M. Dubin, Manager of
		KG-2, parts of the exhibit were prepared by Ms. Kolei M. Dubin, Manager of
20		Regulatory Issues, who is available to respond to any questions which the parties
20 21		
		Regulatory Issues, who is available to respond to any questions which the parties
21		Regulatory Issues, who is available to respond to any questions which the parties or the Commission may have regarding those parts. Exhibit KG-2, Table of

1		attributable to programs approved by the Commission?
2	A.	Yes they are.
3		
4	Q.	Please describe the methods used to derive the program costs for which FPL
5		seeks recovery.
6	A.	The actual expenditures for the months January 2003 through July 2003 are taken
7		from the books and records of FPL. Expenditures for the months of August 2003
8		through December 2003, and January 2004 through December 2004 are
9		projections based upon a detailed month-by-month analysis of the expenditures
10		expected for each program at each location within FPL. These projections are
11		developed by each FPL location where costs are incurred and take into
12		consideration not only cost levels but also market penetrations. They have been
13		subjected to FPL's budgeting process and an on-going cost-justification process.
14		
15	Q.	Does that conclude your testimony?
16	A.	Yes, it does.

Docket No. 030002-EG
Exhibit No. ____
Florida Power & Light Co.
(KG-2)
Table of Contents
Page 1 of 1

Schedule	Prepared By
C-1, Pages 1 - 3, of 3	Korel M. Dubin
C-2, Pages 1 - 3, of 8	Ken Getchell
C-2, Pages 4 - 8, of 8, Line 1	Ken Getchell
C-2, Pages 4 - 8, of 8, Lines 2 - 10	Korel M. Dubin
C-3, Pages 1a – 1c, of 10	Ken Getchell
C-3, Pages 2 - 6, of 10, Line 1	Ken Getchell
C-3, Pages 2 - 6, of 10, Lines 2 - 10	Korel M. Dubin
C-3, Pages $7 - 8$, of 10	Ken Getchell
C-3, Pages 9 – 10, of 10	Korel M. Dubin
C-4, Page 1 of 1	Korel M. Dubin
C-5, Pages 1 -22	Ken Getchell

Docket No. 030002-EG Exhibit No. _____ Florida Power & Light Co. (KG-2) Schedule C-1 Page 1 of 3

Energy Conservation Cost Recovery Summary of ECCR Calculation for the Period: January 2004 through December 2004

• • • • • • • • • • • • • • • • • • •	
	TOTAL COSTS
1. Projected Costs (Schedule C-2, pg. 3, line 23)	158,171,640
2. True-up Over/(Under) Recoveries (Schedule C-3, pg 9, line 11)	20,719,771
3. Subtotal (line 1 minus line 2)	137,451,869
4. Less Load Management Incentives Not Subject To Revenue Taxes	79,962,615
5. Project Costs Subject To Revenue Taxes (line 3 minus line 4)	57,489,254
6. Revenue Tax Multiplier	1.01597
7. Subtotal (line 5 * line 6)	<u>58,407,358</u>
8. Total Recoverable Costs (line 7+ line 4)	<u>138,369,973</u>
Costs are split in proportion to the current period split of demand-related (69.16%) and energy-related (30.84%) costs. The allocation of ECCR costs between demand and e is shown on schedule C-2, page 2 of 8, and is consistent with the methodology set for Order No. PSC-93-1845-FOF-EG.	nergy
9. Total Cost	138,369,973
10. Energy Related Costs	42,673,300
11. Demand-Related Costs (total)	95,696,673
12. Demand costs allocated on 12 CP (Line 11/13 * 12)	88,335,390
13. Demand Costs allocated on 1/13 th	7,361,283

(Line 11/13)

FLORIDA POWER & LIGHT COMPANY CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS JANUARY 2004 THROUGH DECEMBER 2004

Rate Class	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (kwh)	(3) Projected AVG 12 CP at Meter (kW)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (kwh)	(7) Projected AVG 12 CP at Generation (kW)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)
RS1	62.965%	53,694,499,279	9,734,788	1.094491480	1.07375594	57,654,787,546	10,654,642	53.28639%	58.10925%
GS1	64.280%	6,085,869,172	1,080,793	1.094491480	1.07375594	6,534,738,174	1,182,919	6.03961%	6.45151%
GSD1	74.244%	22,784,873,809	3,503,331	1.094385810	1.07367680	24,463,590,399	3,833,996	22.61003%	20.91019%
OS2	63.10 4 %	22,034,093	3,986	1.058840950	1.04655264	23,059,838	4,221	0.02131%	0.02302%
GSLD1/CS1	79.544%	10,444,350,417	1,498,890	1.092873810	1.07253706	11,201,952,890	1,638,098	10.35320%	8 93401%
GSLD2/CS2	83.996%	1,721,709,924	233,990	1.085065690	1.06615414	1,835,608,163	253,895	1.69653%	1.38471%
GSLD3/CS3	84.848%	180,075,156	24,227	1.028960170	1.02363751	184,331,684	24,929	0.17037%	0.13596%
ISST1D	77.366%	0	0	1.094827488	1.05371640	0	0	0.00000%	0.00000%
SST1T	107.912%	146,444,940	15,492	1.028960170	1.02363751	149,906,534	15,940	0.13855%	0.08694%
SST1D	77.366%	58,882,752	8,688	1.064917780	1.05342951	62,028,828	9,252	0.05733%	0.05046%
CILC D/CILC G	90.386%	3,462,136,755	437,259	1.082677590	1.06493286	3,686,943,196	473,411	3.40759%	2.58193%
CILC T	96.508%	1,591,014,236	188,194	1.028960170	1.02363751	1,628,621,851	193,645	1.50522%	1.05612%
MET	65.506%	93,722,226	16,333	1.058840950	1.04655264	98,085,243	17,294	0.09065%	0.09432%
OL1/SL1/PL1	290.896%	551,019,353	21,623	1.094491480	1.07375594	591,660,303	23,667	0.54683%	0.12908%
SL2	99.875%	76,974,890	8,798	1.094491480	1.07375594	82,652,246	9,629	0.07639%	0.05252%
TOTAL		100,913,607,000	16,776,394			108,197,966,894	18,335,537	100.00%	100.00%

⁽¹⁾ AVG 12 CP load factor based on actual calendar data

Note: Totals may not add due to rounding.

⁽²⁾ Projected kwh sales for the period January 2004 through December 2004

⁽³⁾ Calculated: Col (2)/(8760 hours * Col (1)), 8760 hours = annual hours

⁽⁴⁾ Based on 2002 demand losses

⁽⁵⁾ Based on 2002 energy losses

⁽⁶⁾ Col (2) * Col (5)

⁽⁷⁾ Col (3) * Col (4)

⁽⁸⁾ Col (6) / total for Col (6)

⁽⁹⁾ Col (7) / total for Col (7)

FLORIDA POWER & LIGHT COMPANY CALCULATION OF ENERGY CONSERVATION FACTORS JANUARY 2004 THROUGH DECEMBER 2004

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Percentage	Percentage	, ,			Total	Projected	Conservation
Rate Class	of Sales at	of Demand at	Demand A	llocation	Energy	Conservation	Sales at	Recovery
	Generation	Generation	12CP	1/13 th	Allocation	Costs	Meter	Factor
	(%)	(%)	(\$)	(\$)	(\$)	(\$)	(kwh)	(\$/kwh)
RS1	53.28639%	58.10925%	\$51,331,029	\$3,922,562	\$22,739,060	\$77,992,651	53,694,499,279	0.00145
GS1	6.03961%	6.45151%	\$5,698,967	\$444,593	\$2,577,302	\$8,720,862	6,085,869,172	0.00143
GSD1	22.61003%	20.91019%	\$18,471,098	\$1,664,388	\$9,648,445	\$29,783,931	22,784,873,809	0.00131
OS2	0.02131%	0.02302%	\$20,333	\$1,569	\$9,095	\$30,997	22,034,093	0.00141
GSLD1/CS1	10.35320%	8.93401%	\$7,891,890	\$762,128	\$4,418,052	\$13,072,070	10,444,350,417	0.00125
GSLD2/CS2	1.69653%	1.38471%	\$1,223,191	\$124,886	\$723,964	\$2,072,041	1,721,709,924	0.00120
GSLD3/CS3	0.17037%	0.13596%	\$120,101	\$12,541	\$72,700	\$205,342	180,075,156	0.00114
ISST1D	0.00000%	0.00000%	\$0	\$0	\$0	\$0	0	0.00000
SST1T	0.13855%	0.08694%	\$76,796	\$10,199	\$59,123	\$146,118	146,444,940	0.00100
SST1D	0.05733%	0.05046%	\$44,575	\$4,220	\$24,464	\$73,259	58,882,752	0.00124
CILC D/CILC G	3.40759%	2.58193%	\$2,280,758	\$250,842	\$1,454,131	\$3,985,731	3,462,136,755	0.00115
CILC T	1.50522%	1.05612%	\$932,924	\$110,804	\$642,329	\$1,686,057	1,591,014,236	0.00106
MET	0.09065%	0.09432%	\$83,316	\$6,673	\$38,685	\$128,674	93,722,226	0.00137
OL1/SL1/PL1	0.54683%	0.12908%	\$114,019	\$40,254	\$233,351	\$387,624	551,019,353	0.00070
SL2	0.07639%	0.05252%	\$46,392	\$5,623	\$32,598	\$84,613	76,974,890	0.00110
TOTAL			\$88,335,390	\$7,361,283	\$42,673,300	\$138,369,973	100,913,607,000	0.00137

Note: Totals may not add due to rounding.

⁽¹⁾ Obtained from Schedule C-1, page 2 of 3, Col (8)

⁽²⁾ Obtained from Schedule C-1, page 2 of 3, Col (9)

⁽³⁾ Total from C-1,page 1, line 12 X Col (2)

⁽⁴⁾ Total from C-1,page 1, line 13 X Col (1)

⁽⁵⁾ Total from C-1, page 1, line 10 X Col (1)

⁽⁶⁾ Total Conservation Costs

⁽⁷⁾ Projected kwh sales for the period January 2004 through December 2004, From C-1 Page 2, Total of Column 2

⁽⁸⁾ Col (6) / (7)

CONSERVATION PROGRAM COSTS January 2004 through June 2004 Projection

Г											•		Sub-Total
	Program Title		January	 February		March		Aprıl	May		June		(6 Mo)
1	Residential Conservation Service Program	\$	934,843	\$ 898,747	\$	1,038,248	\$	943,141	\$ 973,546		1,068,804	\$	5,857,329
2	Residential Building Envelope Program		247,431	271,844		263,128		279,931	258,633		220,364		1,541,331
3	Residential Load Management ("On Call")		4,532,108	4,287,811		4,288,041		6,417,525	6,711,593		6,650,902		32,887,980
4	Duct System Testing & Repair Program		147,872	185,599		202,847		208,816	216,838		161,337		1,123,309
5	Residential Air Conditioning Program		1,112,206	1,043,824		1,161,461		1,404,454	1,587,457		1,381,471		7,690,873
6	Business On Call Program		85,537	98,473		105,242		312,971	315,740		317,877		1,235,840
7	Cogeneration & Small Power Production		30,506	30,459		31,211		30,259	43,943		31,034		197,412
8	Commercial/Industrial Efficient Lighting		71,020	121,305		95,062		94,905	76,483		60,227		519,002
9	Commercial/Industrial Load Control		2,341,745	2,422,663		2,395,714		2,596,234	2,617,816		2,596,257		14,970,429
10	C/I Demand Reduction		46,086	46,111		46,959		57,800	62,876		65,000		324,832
11	Business Energy Evaluation		149,518	564,013		219,731		344,327	610,561		424,048		2,312,198
12	C/I Heating, Ventilating & A/C Program		513,878	517,625		473,978		267,396	236,896		447,500		2,457,273
13	Business Custom Incentive Program		98,547	11,547		14,897		20,047	18 141		17,047		180,226
14	C/I Building Envelope Program		72,119	60,705		62,059		58,392	74,022		85,688		412,985
15	Conservation Research & Dev Program												0
16	BuildSmart Program		86,592	91,591		115,278		92,308	118,867		106,308		610,944
17	Low Income Weatherization R&D												0
18	Photovoltaic R&D												0
19	Green Energy Project												0
20	Common Expenses		1,006,122	978,483		1,673,436		1,027,057	1,311,804		1,091,391		7,088,293
21	Total All Programs	\$	11,476,130	\$ 11,630,800	\$ -	12,187,292	\$	14,155,563	\$ 15,235,216	\$	14,725,255	\$	79,410,256
22	LESS Included in Base Rates	-	93,606	 93,112	_	126,070		94,557	 140,751		96,262		644,359
23	Recoverable Conservation Expenses	\$_	11,382,524	\$ 11,537,688	\$_	12,061,222	\$_	14,061,006	\$ 15,094,465	\$_	14,628,993	\$ _	78,765,897
	Totals may not add due to rounding												

CONSERVATION PROGRAM COSTS July 2004 through December 2004 Projection

				•							Sub-Total		Total	Demand	Energy
Program Title	July		August	September		October		November	1	December	(6 Mo)		(12 Mo.)	Costs	Costs
Residential Conservation Service Program	\$ 1,296,762	\$	814,110 \$	1,089,412	\$	904,861	\$	893,331	\$	591,911 \$	5,590,387	\$	11,447,716	\$ \$	11,447,716
Residential Building Envelope Program	241,829		317,450	202,281		223,834		199,347		97,457	1,282,198		2,823,529		2,823,529
3 Residential Load Management ("On Call")	6,499,343		6,482,966	6,512,550)	6,428,609		4,270,887		4,046,717	34,241,072		67,129,052	67,129,052	
4 Duct System Testing & Repair Program	187,157		162,911	146,094		152,115		183,241		162,478	993,996	•	2,117,305		2,117,305
5 Residential Air Conditioning Program	1,761,704		1,862,904	1,543,250		1,534,027		1,521,665		974,208	9,197,758		16,888,631		16,888,631
6. Business On Call Program	329,106		327,423	342,224		337,512		90,246		84,033	1,510,544		2,746,384	2,746,384	
7. Cogeneration & Small Power Production	30,267		30,478	30,280		30,478		43,700		30,522	195,725		393,137		393,137
8 Commercial/Industrial Efficient Lighting	86,179		83,813	47 962		48,829		66,150		44,388	377,321		896,323		896,323
Commercial/Industrial Load Control	2,599,430		2,603,916	2,557,473		2,553,169		2,375,363		2,357,562	15,046,913		30,017,342	30,017,342	
10 C/I Demand Reduction	66,650		66,650	74,600		70,767		62,265		60,226	401,158		725,990	725,990	
11. Business Energy Evaluation	174,827		472,322	483,598		250,377		260,561		196,210	1,837,895		4,150,093		4,150,093
12 C/I Heating, Ventilating & A/C Program	253,797		254,788	225,692		368,787		190,556		538,858	1,832,478		4,289,751		4,289,751
13 Business Custom Incentive Program	1,647		3,547	2,347		1,147		2,041		1,047	11,776		192,002		192,002
14 C/I Building Envelope Program	78,123		66,933	59,123		48,447		50,110		32,643	335,379		748,364	•	748,364
15 Conservation Research & Dev Program											0		0		0
16 (a) BuildSmart Program	108,308		91,108	93,108		86,808		120,456		88,414	588,202		1,199,146		1 131,916
17 Low Income Weatherization R&D											0	1	0		0
18 Photovoltaic R&D											0		0		0
19 Green Energy Project											0	ŀ	0		0
20 Common Expenses	1,040,417		1,008,061	1,094,709		1,042,132		1,357,884		1,112,299	6,655,502		13,743,795	9,487,092	4,256,703
21 Total All Programs	\$ 14,755,546	- \$ -	14,649,380 \$	14,504,703	- \$	14,081,899	\$	11,687,803	\$ 1	0,418,973 \$	80,098,304	s	159,508,560	\$ 110,105,860 \$	49,335,469
22. LESS Included in Base Rates	97,934		98,693	98,161		96,955		139,904		93,684	625,330	_	1,269,689	\$719,893	\$549,796
23. Recoverable Conservation Expenses	\$ 14,657,612	_ \$ _	14,550,687	14,406,542	_ \$_	13,984,944	. \$ _	11,547,899	\$ 1	0,325,289	79,472,974	s _	158,238,871	\$ <u>109,385,967</u> \$	48,785,673
(a) Expenses in "Energy Cost" column are net of p Totals may not add due to rounding	program revenues	of	\$ (67,230)												

CONSERVATION PROGRAM COSTS January 2004 through December 2004 Projection

<u> </u>	Depreciation &	Payroll &	Materials &	Outside						Program	Total for
Program Title	Return	Benefits	Supplies	Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Revenues	Репод
Residential Conservation Service Program	\$ 20,235 \$	5,442,467 \$	32,864 \$	510,244 \$	4,819,588 \$	\$	30,060 \$	592,258 \$	11,447,716	\$	\$ 11,447,716
2 Residential Building Envelope Program		216,552	1,780	49,894		2,520,000	432	34,871	2,823,529		2,823,529
3 Residential Load Management ("On Call")	13,357,603	1,355,478	746,560	1,423,189		49,207,857	13,072	1,025,293	67,129,052		67,129,052
Duct System Testing & Repair Program		837,522	7,164	133,996		1,402,297	6,300	(269,974)	2,117,305	i	2,117,305
5 Residential Air Conditioning Program		751,063	5,992	322,000		15,695,987	4,620	108,969	16,888 631		16,888,631
6 Business On Call Program	837,512	163,907		78,816		1,633,972	1,272	30,905	2,746,384	ļ	2,746,384
7. Cogeneration & Small Power Production		354,136		24,000				15,001	393,137		393,137
Commercial/Industrial Efficient Lighting		121,446	300	204,995		532,224	240	37,118	896,323		896,323
Commercial/Industrial Load Control	228,845	456,634	337,320	35,000		28,462,604		496,939	30,017,342		30,017,342
10. C/I Demand Reduction		55,217		7,000		658,182	432	5,159	725,990		725,990
11. Business Energy Evaluation		1,364,782	19,992	620,024	2,008,600		6,156	130,539	4,150,093		4,150,093
12 C/I Heating, Ventilating & A/C Program	4,035	591,358	1,455	186,600		3,370,933	6,512	128,858	4,289,751	i	4,289,751
13. Business Custom Incentive Program		12,832		17,750		160,300		1,120	192,002		192,002
14 C/I Building Envelope Program		147,702	200	45,000		528,273	1,032	26,157	748,364		748,364
15. Conservation Research & Dev Program				_					0		0
18 BuildSmart Program		798,808	1,000	220,780	60,000		7,008	111,550	1,199,146	(67,230)	1,131,916
17. Low Income Weatherization R&D									0	l	0
18. Photovoltaic R&D									0		0
19. Green Energy Project									0		0
20. Common Expenses	2,053,238	8,708,833	50,182	1,117,887			29,643	1,784,012	13,743,795		13,743,795
21 Total All Programs	\$ 16,501,468 \$	21,378,737 \$	1,204,809 \$	4,997,175 \$	6,888,188 \$	104,172,629 \$	106,779 \$	4,258,775 \$	159,508,560	\$ (67,230)	\$ 159,441,330
22 LESS. Included in Base Rates		1,269,689							1,269,689		1,269,689
23 Recoverable Conservation Expenses	\$ 16,501,468 \$	20,109,048 \$	1,204,809 \$	4,997,175	6,888,188 \$	104,172,629 \$	106,779 \$	4,258,775	158,238,871	\$ (67,230)	\$ <u>158,171,640</u>
Totals may not add due to rounding				_					:		

Schedule of Capital Investment, Depreciation and Return Residential Conservation Services - (Program No. 1) For the Projected Period January through December 2004

Line No	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No
1	Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Depreciation Base	3	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	n/a	2
3	Depreciation Expense (a)		3,276	3,276	3,276	3,276	3,276	3,276	0	0	0	0	. 0	0	19,654	3
4	Cumulative Investment (Line 2)	\$117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	n/a	4
5	Less Accumulated Depreciation (c)	98,271	101,547	104,822	108,098	111,374	114,649	117,925	117,925	117,925	117,925	117,925	117,925	117,925	n/a	5
6	Net Investment (Line 4 - 5)	\$19,654	\$16,378	\$13,103	\$9,827	\$6,551	\$3,276	(0)	(0)	(0)	(0)	(0)	(0)	(0)		6
7	Average Net Investment		\$18,016	\$14,740	\$11,465	\$8,189	\$4,913	1,638	(0)	(0)	(0)	(0)	(0)	(0)	n/a	7
8	Return on Average Net Investment															8
а	Equity Component (b)		69	56	44	31	19	6	(0)	(0)	(O)	(O)	(0)	(0)	225	8a
t	Equity Comp grossed up for taxes (Line 8a/ 61425)		112	92	71	51	31	10	(O)	(0)	(0)	(0)	(0)	(0)	366	8b
c	Debt Component (Line 7 * 4 3642% /12)		66	54	42	30	18	6	(0)	(0)	(0)	(0)	(0)	(0)	214	8c
9	Total Return Requirements (Line 8b + 8c)		177	145	113	81	48	16	(0)	(0)	(0)	(0)	(0)	(0)	580] 9
10	Total Depreciation & Return (Line 3 + 9)		\$3,453	\$3,421	\$3,389	\$3,356	\$3,324	3,292	(0)	(0)	(0)	(0)	(0)	(0)	\$20,235	_ 10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-EI, Docket No 990067-EI

Schedule of Capital Investment, Depreciation and Return Load Management - (Programs Nos. 3 & 6) For the Projected Period January through December 2004

Line No	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No
1	Investments (Net of Retirements)		\$193,415	\$193,415	\$199,415	\$193,415	\$200,415	\$199,415	\$420,736	\$438,736	\$426 736	\$426,736	\$445 736	\$448 736	\$3,786,901	1
2	Depreciation Base		58,449,739	58,643,153	58,842,568	59,035,982	59,236,397	59,435,812	59,856,547	60,295,283	60,722,018	61,148,754	61,594,489	62,043,225	n/a	2
3	Depreciation Expense (a)		974,162	977,386	980,709	983,933	987,273	990,597	997,609	1,004,921	1,012,034	1,019,146	1,026,575	1,034,054	11,988,399	3
4	Cumulative investment (Line 2)	\$58,256,324	58,449,739	58,643,153	58,842,568	59,035,982	59,236,397	59,435,812	59,856,547	60,295,283	60,722,018	61,148,754	61,594,489	62,043,225	n/a	4
5	Less Accumulated Depreciation	35,176,550	36,150,712	37,128,098	38,108,808	39,092,741	40,080,014	41,070,611	42,068,220	43,073,141	44,085,175	45,104,321	46,130,896	47,164,949	n/a	5
6	Net Investment (Line 4 - 5)	\$23,079,774	\$22,299,026	\$21,515,055	\$20,733,760	\$19,943,242	\$19,156,383	\$18,365,201	\$17,788,327	\$17,222,141	\$16,636,843	\$16,044,433	\$15,463,594	\$14,878,276		6
7	Average Net Investment		22,689,400	21,907,041	21,124,408	20,338 501	19,549,812	18,760 792	18 076,764	17 505,234	16 929 492	16,340,638	15 754,013	15 170 935	n/a	7
8	Return on Average Net Investment															8
а	Equity Component (b)		86,522	83,539	80,554	77,557	74,550	71,541	68,933	66,753	64,558	62,312	60,075	57 852		
b	Equity Comp grossed up for taxes		140,858	136,001	131,143	126,264	121,367	116,469	112,223	108,674	105,100	101,445	97,803	94 183	1,391,530	
c	Debt Component (Line 7 * 4 3642% /12)		82,518	79,672	76,826	73,968	71,099	68,230	65,742	63,664	61,570	59,428	57,295	55,174	815,185	
9	Total Return Requirements (Line 8b + 8c)		223,376	215,674	207,969	200,231	192,467	184,699	177,965	172,338	166,670	160,873	155,097	149,357	2,206,715	9
10	Total Depreciation & Return (Line 3 + 9)		\$1,197,538	\$1,193,060	1,188,678	\$1,184,164	\$1,179,740	\$1,175,296	\$1,175,574	\$1,177,259	\$1,178,704	\$1,180,019	\$1,181,672	\$1,183,411	\$14,195,115	10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-Ei, Docket No 990067-Ei

		ALLO	CATION OF	DEPRECIATION	ON AND RET	URN ON INV	ESTMENT BE	TWEEN PROC	RAMS					
Residential On Call Program 3 (94 1%)	Depreciation Return	916,687 210,197	919,720 202,949	922,848 195,699	925,881 188,418	929,024 181,111	932,152 173,802	938,750 167,465	945,631 162,170	952,324 156,836	959,016 151,381	966,007 145,947	973,045 140,545	11,281,08 2,076,51
	Total	1,126,883	1,122,669	1,118,546	1,114,299	1,110,135	1,105,953	1,106,215	1,107,801	1,109,160	1,110,398	1,111,954	1,113,590	13,357,6
Business on Call Program 6 (5 9%)	Depreciation Return	57,476 13,179	57,666 12,725	57,862 12,270	58,052 11,814	58,249 11,356	58,445 10,897	58,859 10,500	59,290 _10,168	59,710 9,834	60,130 9,491	60,568 9,151	61,009 8,812	707,3 130,1
	Total	70,655	70,391	70,132	69,866	69,605	69,342	69,359	69,458	69,544	69,621	69,719	69,821	837,5
Total	Depreciation Return	974,162 223,376	977,386 215,674	980,709 207,969	983,933 200,231	987,273 192,467	990,597 184,699	997,609 177,965	1,004,921 172,338	1,012,034 166,670	1,019,146 160,873	1,026,575 155,097	1,034,054 149,357	11,988,3 2,206,7
	Total	1,197,538	1,193,060	1,188,678	1,184,164	1,179,740	1,175,296	1,175,574	1,177,259	1,178,704	1,180,019	1,181,672	1,183,411	14,195,1

Schedule of Capital Investment, Depreciation and Return Commercial Industrial Load Control (Program 9) For the Projected Period January through December 2004

Line No	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No
1	Investment (Net of Retirements)		\$0	\$0	\$0	\$15,000	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	1
2	Depreciation Base	ı	\$800,855	\$800,855	\$800,855	\$815,855	\$815,855	\$820,855	\$820,855	\$820,855	\$820,855	\$820,855	\$820,855	\$820,855	n/a	2
3	Depreciation Expense (a)	,	13,348	13,348	13,348	13,598	13,598	13,681	13,681	13,681	13,681	13,681	13,681	13,681	163,004	3
4	Cumulative Investment (Line 2)	\$800,855	800,855	800,855	800,855	815,855	815,855	820,855	820,855	820,855	820,855	820,855	820,855	820,855	n/a	4
5	Less Accumulated Depreciation (c)	175,773	189,121	202,468	215,816	229,413	243,011	256,692	270,373	284,054	297,735	311,416	325,096	338,777	n/a	5
6	Net Investment (Line 4 - 5)	\$625,082	\$611,734	\$598,387	\$585,039	\$586,442	\$572,844	\$564,163	\$550,482	\$536,801	\$523,120	\$509,440	\$495,759	\$482,078		6
7	Average Net Investment		\$618,408	\$605,061	\$591,713	\$585,740	\$579,643	\$568,504	\$557,323	\$543,642	\$529,961	\$516,280	\$502,599	\$488,918	n/a	7
8	Return on Average Net Investment															8
ā	a Equity Component (b)		2,358	2,307	2,256	2,234	2,210	2,168	2,125	2,073	2,021	1,969	1,917	1,864	25,503	8a
t	e Equity Comp. grossed up for taxes (Line 8a/ 61425)		3,839	3,756	3,673	3,636	3,598	3,529	3,460	3,375	3,290	3,205	3,120	3,035	41,519	8b
(Debt Component (Line 7 * 4 3642% /12)		2,249	2,201	2,152	2,130	2,108	2,068	2,027	1,977	1,927	1,878	1,828	1,778	24,322	8c
9	Total Return Requirements (Line 8b + 8c)		6,088	5,957	5,825	5,767	5,707	5,597	5,487	5,352	5,217	5,083	4,948	4,813	65,841	9
10	Total Depreciation & Return (Line 3 + 9)	,	\$ 19,436	\$19,304	\$19,173	\$19,364	\$19,304	\$1 9,278	\$19,168	\$19,033	\$18,898	\$18,764	\$18,629	\$18,494	\$228,845	10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

Docket No. 030002-EG

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-EI, Docket No 990067-EI

FLORIDA POWER & LIGHT COMPANY Schedule of Capital Investment, Depreciation and Return C/I Heating, Ventilating & A/C Program - (Program 12) For the Projected Period January through December 2004

Line No	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No
1	Investment (Net of Retirements)														\$0	1
2	Depreciation Base	:	\$16,408	\$16,408	\$16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	n/a	2
3	Depreciation Expense (a)	,	271	271	271	271	271	271	271	271	271	271	271	271	3,252	3
4	Cumulative Investment (Line 2)	\$16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	n/a	4
5	Less Accumulated Depreciation (c)	8,153	8,424	8,695	8,966	9,237	9,508	9,779	10,050	10,321	10,592	10,863	11,134	11,405	n/a	5
6	Net Investment (Line 4 - 5)	\$8,255	\$7,984	\$7,713	\$7,442	\$7,171	\$6,900	\$6,629	\$6,358	\$6,087	\$5,816	\$5,545	\$5,274	\$5,003		6
7	Average Net Investment		\$8,11 9	\$7,848	\$7,577	\$7,306	\$7,035	\$6,764	\$6,493	\$6,222	\$5,951	\$5,680	\$5,409	\$ 5,138	n/a	7
8	Return on Average Net Investment															В
ā	a Equity Component (b)		31	30	29	28	27	26	25	24	23	22	21	20	303	8a
t	Equity Comp grossed up for taxes (Line 8a/ 61425)		50	49	47	45	44	42	40	39	37	35	34	32	494	8b
ď	Debt Component (Line 7 * 4 3642% /12)		30	29	28	27	26	25	24	23	22	21	20	19	289	8c
9	Total Return Requirements (Line 8b + 8c)		80	77	75	72	69	67	64	61	59	56	53	51	783	9
10	Total Depreciation & Return (Line 3 + 9)		\$351	\$348	\$346	\$343	\$340	\$338	\$335	\$332	\$330	\$327	\$324	\$322	\$4,035	10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-EI, Docket No 990067-EI

FLORIDA POWER & LIGHT COMPANY Schedule of Capital Investment, Depreciation and Return Common Expenses (Program No. 20) For the Projected Period January through December 2004

Line No	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December		Line No
1	Investment (Net of Retirements)		\$21,654	\$21,654	\$21,654	\$21,654	\$32,481	\$21,654	\$21,654	\$21,654	\$21,654	\$39,654	\$32,481	\$21,652	\$299,500	1
2	Depreciation Base		8,651,925	8,673,579	8,695,233	8,716,887	8,749,368	8,771,022	8,792,676	8,814,330	8,835,984	8,875,638	8,908,119	8,929,771	n/a	2
3	Depreciation Expense (a)		144,354	144,715	145,075	145,436	145,978	146,339	146,700	147,060	147,421	148,082	148,624	148,984	1,758,768	_ 3
4	Cumulative Investment (Line 2)	8,630,271	8,651,925	8,673,579	8,695,233	8,716,887	8,749,368	8,771,022	8,792,676	8,814,330	8,835,984	8,875,638	8,908,119	8,929,771	n/a	4
5	Less Accumulated Depreciation	5,405,148	5,549,502	5,694,216	5,839,292	5,984,728	6,130,706	6,277,044	6,423,744	6,570,804	6,718,226	6,866,308	7,014,931	7,163,916	n/a	5
6	Net Investment (Line 4 - 5)	\$3,225,123	\$3,102,423	\$2,979,362	\$2,855,942	\$2,732,158	\$2,618,662	\$2,493,977	\$2,368,932	\$2,243,525	\$2,117,758	\$2,009,330	\$1,893,187	\$1,765,855		6
7	Average Net Investment		\$3,163,773	\$3,040,893	\$2,917,652	\$2,794,050	\$2,675,410	\$2,556,319	\$2,431,454	\$2,306,228	\$2,180,642	\$2,063,544	\$1,951,258	\$1,829,521	n/a	7
8	Return on Average Net Investment															8
	a Equity Component (b)		12,065	11,596	11,126	10,655	10,202	9,748	9,272	8,794	8,316	7,869	7,441	6,977	114,060	8a
1	b Equity Comp grossed up for taxes (Line 8a/	61425)	19,641	18,878	18,113	17,346	16,609	15,870	15,095	14,317	13,538	12,811	12,114	11,358	185,689	8b
	Debt Component (Line 7 ° 4 3642% /12)		11,506	11,059	10,611	10,161	9,730	9,297	8,843	8,387	7,931	7,505	7,096	6,654	108,780	8c
9	Total Return Requirements (Line 8b + 8c)		31,147	29,937	28,724	27,507	26,339	25,167	23,938	22,705	21,468	20,315	19,210	18,012	294,470	9
10	Total Depreciation & Return (Line 3 + 9)		\$175,501	\$174,652	\$173,800	\$172,944	\$172,317	\$171,505	\$170,637	\$169,765	\$168,890	\$168,398	\$167,834	\$166,996	\$2,053,238	_ 10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-EI, Docket No 990067-EI

CONSERVATION PROGRAM COSTS January 2003 through July 2003: ACTUAL August 2003 through December 2003: ESTIMATED

	Depreciation &	Payroll &	Matenais &	Outside						Program		Total for
Program Trite	Return	Benefits	Supplies	Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Revenues		Period
Residential Conservation Service Program												
Actual		2,263,435 \$	6,276 \$	243,118 \$	2,497,186 \$	\$	18,582 \$	254,507 \$	5,308,022	S	S	5,308,02
Estimated	17,749	1,838,360	8 980	336,566	2,322,866		12,450	215,925	4,752,896		ł	4,752,89
Total	42,667	4,101 795	15,256	579,684	4,820,052		31,032	470,432	10 060 918			10 060 91
2 Residential Building Envelope Program												
Actu al		145,859	236	29 023		1 530,109	932	12,561	1 718 720		1	1 718 72
Estimated		59,511	1,180	35,060		978,000	580	13,535	1,087 866		İ	1 087,86
Total		205,370	1 416	64,083		2 508,109	1 512	26 096	2 806 586			2 806 58
3 Residential Load Management ("On Call")												
Actual	7,037 937	888,000	(1 974,798)	920,745		30 093 517	2 922	192 535	37 160 858			37 160 85
Estimated	5,696,413	692,376	(334,023)	1 546,116		21 644,063	7,273	349 072	29 601 290			29 601 29
Total	12,734,350	1,580,376	(2,308,821)	2,466,861		51 737,580	10 195	541 607	66 762 148			66,762,14
4 Duct System Testing & Repair Program												
Actual		585,473	6,442	145,089		749,378	5 623	(141,840)	1 350 165			1 350 16
Estimated		363,711	9 010	46,232		954,499	3 820	(76 834)	1 300 438		1	1 300 43
Total		949,184	15 452	191,321		1 703,877	9 443	(218 674)	2 650 603			2 650,60
5 Residential Air Conditioning Program								_				
Actual		555,519	473	182 661	90	7 712,921	4 430	59 398	8 515,492		İ	8 515 49
Estimated		319,522	930	92 387 275 048	00	6 684,079	3 075	51 395	7 151 388			7 151 38
Total		875,041	1 403	2/5 048	90	14 397,000	7 505	110 793	15 666,880			15 666,88
6 Business On Call Program											1	
Actual	433,334	78,563		233,212	302	752,712	589	12 044	1 510,756		1	1,510,75
Estimated	350,736	52,566		40,251		642,638	330	50,680	1 137,201		1	1 137,20
Total	784,068	131,129		273,463	302	1,395,350	919	62,724	2,647,957			2 647,95
7 Cogeneration & Small Power Production												
Actual		174,088		2,359			92	(31,232)	145,307		1	145,30
Estimated		123,371		28,000				(21,800)	129,571		1	129,57
Total		297,459		30 359			92	(53 032)	274,878		ì	274 87
8 Commercial/Industrial Efficient Lighting												
Actual		78 375		18 571		355,584	275	24 300	477,105	1	1	477 10
Estimeted		46,172		54,000		170,000	95	13 610	283,877	1		283,87
Total 1		124,547		72,571		525,584	370	37 910	760 982	1	l	760,98

Docket No. 030002-EG
Exhibit No.
Florida Power & Light Co.
(KG-2)
Schedule C-3
Page 1a of 10

CONSERVATION PROGRAM COSTS January 2003 through July 2003: ACTUAL August 2003 through December 2003: ESTIMATED

	Depreciation &	Payroll &	Matenals &	Outside						Program	Total for
Program Title	Return	Benefits	Supplies	Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Revenues	Period
9 Commercial/Industrial Load Control											
Actual		198,279 \$	50 \$	11 \$	\$	16,862,984 \$	895 \$	80 518 \$	17 289,767	2	\$ 17 289 76
Estimated	105 561	195,444	2,500	105 260		11 871,097	360	174 363	12 454,585		12 454 58
Total	252,591	393,723	2 550	105 271		28 734 081	1,255	254 881	29 744 352		29 744,35
10 C/I Demand Reduction											
Actual		30,251	22			239,614	20	1 054	270,961		270,96
Estimated		21,655	1,000	6 925		217,980	165	3 660	251,385		251 38
Total		51,906	1,022	6 925		457,594	185	4 714	522,346		522 34
11 Business Energy Evaluation											
Actual		821,541	286	150,607	1 007,161		4,233	65,437	2 049,265		2,049,26
Estimated		577,397	40 000	260,954	804,824		5 270	69 347	1 757,792		1,757 79
Total		1 398,938	40,286	411 561	1 811 985		9 503	134 784	3 807,057		3 807,05
12 C/l Heating, Ventilating & A/C Program									ĺ		
Actual	2,622	361,330		80 578		2 034,229	4 170	37 106	2,520,035		2,520,03
Estimated	1,793	254,832	10 490	137 129		1 301,072	2 522	39 100	1,746,938		1 746,93
Total	4,415	616,162	10,490	217,707		3 335,301	6,692	76 206	4 266,973		4,266 97
13 Business Custom Incentive Program									1		
Actual		4,574		5,250		243,580	25	611	254 040		254 04
Estimated		2,630		6,838		99,000		240	108,708	'	108 70
Total		7,204		12,088		342,580	25	851	362,748		362 74
14 C/I Building Envelope									ļ		
Actual		96,330	20	22,001	355	314,587	550	13 244	447,087		447 08
Estimated		58,864	10	37,098		101,296	290	8 070	205,628		205,62
Total		155,194	30	59,099	355	415,883	840	21 314	652,715		652 71:
15 Conservation Research & Dev Program											
Actual		446	3,196	(89,283)				(32 707)	(118,348)		(118 34)
Estimated			2,500	545,000				48 000	595,500		595,500
Total		446	5,696	455,717				15 293	477 152		477 15
16 BuildSmart Program											
Actual Actual		287,185	155	13,647	18,260		2,621	28,022	349,890	(83,575)	266 31
Estimated		216,691	1,605	87,335	41 000		1,720	27,805	376,156	(48,475)	327,68
Total		503,876	1,760	100,982	59,260		4,341	55,827	726,046	(132,050)	593,99

CONSERVATION PROGRAM COSTS January 2003 through July 2003: ACTUAL August 2003 through December 2003: ESTIMATED

Program Trite 17 Low Income Weathenzation R&D 18 Photovoltaic R&D Educ Project	Actual \$ Estimated Total	Depreciation & Return	Payroll & Benefits	Matenais & Supplies	Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues		Total for Penod
	Estimated		9 259 \$										
	Estimated		9 259 \$										
			-, +	\$	1,265 \$	\$	S	44 \$	7 S	10 575	S	s	10 575
18 Photovoltaic R&D Educ Project	Total		4,284	5,000	15,000				4 035	28,319		ĺ	28,319
18 Photovottaic R&D Educ Project			13,543	5,000	16,265			44	4 042	38 894			38 894
	ĺ											ĺ	ļ
	Actual		12,240		20,656			†1	1 968	34 875			34 875
	Estimated		14,070							14,070			14 070
	Total		26,310		20 656			11	1 968	48,945			48 945
19 Green Energy Project													
	Actual		135,447		29 310					164 757		S	164 757
	Estimated		86,294							86 294			86 294
	Total		221,741		29 310					251 051			251,051
20 Common Expenses	Ì												
·	Actual	1,216 448	4 987,298	6,922	373,348	512		16 638	689,534	7,290 700			7 290,700
	Estimated	869,084	3,294,272	3,030	402,776	425		29,331	596,303	5 195 221			5,195,221
	Total	2,085,532	8,281,570	9,952	776 124	937		45,969	1 285,837	12,485 921			12 485 921
21 TOTAL ACTUAL	}	8,862,289	11,713,492	(1,950,720)	2,382,168	3,523,866	60,889,215	62,652	1,267,067	86,750,027	(83 575)	s	86,666,454
TOTAL ESTIMATED	i	7.041.336	8,222,022	(247,788)	3,782,927	3 169,115	44,663,724	67,281	1 566 506	68,265,123	(48 475)	s	68 216,648
TOTAL FOR THE PERIOD	s	15,903 623	19,935,514 \$	(2,198 508) \$	6 165,095 \$	6 692,981 \$	105 552,939 \$	129,933 \$	2 833 573 \$	155,015 150			154,883,102
22 LESS Included in Base Rates											İ		
	Actual		739,390							739 390			739,390
	Estimated		486,954							486 954	ŀ	ł	486 954
	Total		1 226,344							1 226 344		i	1 226 344
	1												
23 Recoverable Conservation Expenses	s	15,903,623	18,709,170	(2,198,508)	6,165,095	6,692,981	105,552,939	129,933 \$	2 833 573	153,788,806	\$ (132,050)	\ ⁵ =	153,656,758
Totals may not add due to rounding							•				-		

Schedule of Capital Investment, Depreciation and Return Residential Conservation Services - (Program No. 1) For the Estimated/ActualPeriod January through December 2003

Line No	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No
1	Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Depreciation Base		117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	n/a	2
3	Depreciation Expense (a)		4,292	1,242	3,276	3,276	3,276	3,276	3,276	3,276	3,276	3,276	3,276	3,276	38,292	3
4	Cumulative Investment (Line 2)	\$117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	117,925	n/a	4
5	Less Accumulated Depreciation (c)	76,497	80,790	65,514	68,790	72,065	75,341	78,617	81,892	85,168	88,444	91,719	94,995	98,271	n/a	5
6	Net Investment (Line 4 - 5)	\$41,428	\$37,135	\$52,411	\$49,135	\$45,860	\$42,584	\$39,308	\$36,033	\$32,757	\$29,481	\$26,206	\$22,930	\$19,654		6
7	Average Net Investment		\$39,282	\$44,773	\$50,773	\$47,498	\$44,222	\$40,946	\$37,671	\$34,395	\$31,119	\$27,843	\$24,568	\$21,292	n/a	7
8	Return on Average Net Investment															8
i	a Equity Component (b)		150	171	194	181	169	156	144	131	119	106	94	81	1,695	8a
l	Equity Comp grossed up for taxes (Line 8a/ 61425)		244	278	315	295	275	254	234	214	193	173	153	132	2,759	8b
	c Debt Component (Line 7 * 4 3642% /12)		143	163	185	173	161	149	137	125	113	101	89	77	1,616	Вс
9	Total Return Requirements (Line 8b + 8c)		387	441	500	468	43 5	403	371	339	306	274	242	210	4,375	9
10	Total Depreciation & Return (Line 3 + 9)		\$4,679	\$1,683	\$3,776	\$ 3,743	\$3,711	\$3,679	\$3,647	\$3,614	\$3,582	\$3,550	\$3,518	\$3,485	\$42,667	. 10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-EI, Docket No 990067-EI

FLORIDA POWER & LIGHT COMPANY Schedule of Capital Investment, Depreciation and Return Load Management - (Programs Nos 3 & 6) For the Estimated/ActualPeriod January through December 2003

Line No	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No
1	Investments (Net of Retirements)		\$439,156	\$732,344	\$945,277	(83,354)	\$1,399,178	\$1,264,411	\$2,438,900	\$1,323,499	\$672,337	\$523,401	\$22,193	\$27,004	\$9,783,846	1
2	Depreciation Base		48,911,634	49,643,978	50,589,255	50,585,401	51,984,579	53,248,990	55,687,890	57,011,389	57,683,726	58,207,127	58,229,320	58,256,324	n/a	2
3	Depreciation Expense (a)		807,813	816,033	830,151	837,543	851,347	883,427	818,429	950, 190	961,395	970,119	970,489	970,939	10,667,874	3
4	Cumulative Investment (Line 2)	\$48,472,478	48,911,634	49,643,978	50,589,255	50,585,401	51,984,579	53,248,990	55,687,890	57,011,389	57,683,726	58,207,127	58,229,320	58,256,324	n/a	4
5	Less Accumulated Depreciation	24,508,675	25,316,489	26,132,522	26,962,673	27,800,216	28,651,563	29,534,990	30,353,418	31,303,608	32,265,003	33,235,122	34,205,611	35,176,550	n/a	5
6	Net Investment (Line 4 - 5)	\$23,963,803	\$23,595,146	\$23,511,456	\$23,626,582	\$22,785,185	\$23,333,016	\$23,714,001	\$25,334,472	\$25,707,781	\$25,418,723	\$24,972,005	\$24,023,709	\$23,079,774		6
7	Average Net Investment		23,779,474	23,553,301	23,569,019	23,205,884	23 059,101	23 523,508	24,524,236	25,521,127	25,563 252	25,195 364	24,497,857	23,551,742	n/a	7
8	Return on Average Net Investment															8
a	Equity Component (b)		90,679	89,817	89,877	88,492	87,932	89,703	93,519	97,321	97 481	96,078	93,418	89 811		_
b	Equity Comp grossed up for taxes		147,626	146,222	146,319	144 065	143,154	146,037	152,249	158,438	158,700	156,416	152,085	146,212	1,797,521	
с	Debt Component (Line 7 * 4 3642% /12)		86,482	85,659	85,717	84,396	83,862	85,551	89,191	92,816	92,969	91,631	89,095	85,654	1,053,023	
9	Total Return Requirements (Line 8b + 8c)		234,108	231,881	232,036	228,461	227,016	231,588	241,440	251,254	251,669	248,047	241,180	231,866	2,850,544	9
10	Total Depreciation & Return (Line 3 + 9)		\$1,041,921	\$1,047,914	1,062,187	\$1,066,004	\$1,078,363	\$1,115,014	\$1,059,868	\$1,201,444	\$1,213,064	\$1,218,166	\$1,211,669	\$1,202,804	\$13,518,418	10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI

		ALLO	CATION OF D	EPRECIATION	N AND RETUR	IN ON INVEST	MENT BETWE	EN PROGRAI	MS					
Residential On Call Program 3 (94.2%)	Depreciation	760,960	768,703	782,002	788,965	801,969	832,188	770,960	895,079	905,635	913,852	914 200	914,624	10,049,1
	Return	220,529	218,432	218,578	215,210	213,849	218,156	227,436	236,681	237,072	233,660	227,192	218,417	2,685,2
	Total	981,489	987,135	1,000,580	1,004,175	1,015,818	1,050,343	998,396	1,131,760	1,142,707	1,147,512	1,141,392	1,133,042	12,734,
Business on Call Program 6 (5.8%)	Depreciation	46,853	47,330	48,149	48,577	49,378	51 239	47,469	55,111	55,761	56,267	56,288	56,314	618,
	Return	13,578	13,449	13,458	13,251	13,167	13,432	14,004	14,573	14,597	14,387	13,988	13,448	165,
	Total	60,431	60,779	61,607	61,828	62,545	64,671	61,472	69,684	70,358	70,654	70,277	69,763	784,
Total	Depreciation	807,813	816,033	830,151	837,543	851,347	883,427	818,429	950,190	961,395	970,119	970 489	970,939	10,667,
	Return	234,108	231,881	232,036	228,461	227,016	231,588	241,440	251,254	251,669	248,047	241,180	231,866	2,850
	Total	1,041,921	1,047,914	1,062,187	1,066,004	1,078,363	1,115,014	1,059,868	1,201,444	1,213,064	1,218,166	1,211,669	1,202,804	13,518,

Schedule of Capital Investment, Depreciation and Return Commercial/Industrial Load Control - (Program No. 9) For the Estimated/ActualPeriod January through December 2003

Line No	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No
1	Investment (Net of Retirements)		\$898	\$15,428	\$2,214	\$1,995	\$1,995	\$933	\$1,040	\$0	\$0	\$0	\$0	\$0	\$24,503	1
2	Depreciation Base	:	\$777,250	\$792,678	\$794,892	\$796,887	\$798,882	\$799,815	\$800,855	\$800,855	\$800,855	\$800,855	\$800,855	\$800,855	n/a	2
3	Depreciation Expense (a)		13,310	13,574	13,613	13,648	13,684	13,701	14,599	14,599	14,599	14,599	14,599	14,599	169,124	3
4	Cumulative Investment (Line 2)	\$776,352	777,250	792,678	794,892	796,887	798,882	799,815	800,855	800,855	800,855	800,855	800,855	800,855	n/a	4
5	Less Accumulated Depreciation (c)	6,648	19,958	33,532	47,145	60,793	74,477	88,178	102,778	117,377	131,976	146,575	161,174	175,773	n/a	5
6	Net investment (Line 4 - 5)	\$769,704	\$757,293	\$759,146	\$747,747	\$736,094	\$724,405	\$711,637	\$698,077	\$683,478	\$668,879	\$654,280	\$639,681	\$625,082		6
7	Average Net Investment		\$763,498	\$758,219	\$753,447	\$741,921	\$730,249	\$718,021	\$704,857	\$690,778	\$676,179	\$661,580	\$646,981	\$632,382	n/a	7
8	Return on Average Net Investment															8
ā	a Equity Component (b)		2,911	2,891	2,873	2,829	2,785	2,738	2,688	2,634	2,578	2,523	2,467	2,411	32,330	8a
t	Equity Comp grossed up for taxes (Line 8a/ 61425)		4,740	4,707	4,677	4,606	4,533	4,458	4,376	4,288	4,198	4,107	4,017	3,926	52,633	8b
ď	Debt Component (Line 7 * 4 3642% /12)		2,777	2,758	2,740	2,698	2,656	2,611	2,563	2,512	2,459	2,406	2,353	2,300	30,833	8c
9	Total Return Requirements (Line 8b + 8c)		7,517	7,465	7,418	7,304	7,189	7,069	6,939	6,801	6,657	6,513	6,369	6,226	83,467	9
10	Total Depreciation & Return (Line 3 + 9)	1	\$20,827	\$21,039	\$21,030	\$20,952	\$20,873	\$20,770	\$21,539	\$21,400	\$21,256	\$21,112	\$20,968	\$20,825	\$252,591	10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-El, Docket No 990067-El

Schedule of Capital Investment, Depreciation and Return C/I Heating, Ventilating & A/C Program - (Program 12) For the Estimated/ActualPeriod January through December 2003

Line No	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No
1	Investment (Net of Retirements)														\$0	1
2	Depreciation Base		\$16,408	\$16,408	\$16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	n/a	2
3	Depreciation Expense (a)		271	271	271	271	271	271	271	271	271	271	271	271	3,248	, 3
4	Cumulative Investment (Line 2)	\$16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	16,408	n/a	4
5	Less Accumulated Depreciation (c)	4,905	5,176	5,446	5,717	5,988	6,258	6,529	6,800	7,070	7,341	7,612	7,882	8 153	n/a	5
6	Net Investment (Line 4 - 5)	\$11,503	\$11,232	\$10,962	\$10,691	\$10,420	\$10,150	\$9,879	\$9,608	\$9,338	\$9,067	\$8,796	\$8,526	\$8,255		6
7	Average Net Investment		\$11,368	\$11,097	\$10,826	\$10,556	\$10,285	\$10,014	\$9,744	\$9,473	\$9,202	\$8,932	\$8,661	\$8,390	n/a	7
8	Return on Average Net Investment															8
:	a Equity Component (b)		43	42	41	40	39	38	37	36	35	34	33	32	452	8a
1	b Equity Comp grossed up for taxes (Line 8a/ 61425)		71	69	67	66	64	62	60	59	57	55	54	52	736	8b
(Debt Component (Line 7 * 4 3642% /12)		41	40	39	38	37	36	35	34	33	32	31	31	431	8c
9	Total Return Requirements (Line 8b + 8c)		112	109	107	104	101	99	96	93	91	88	85	83	1,167	9
10	Total Depreciation & Return (Line 3 + 9)		\$383	\$380	\$377	\$375	\$372	\$369	\$367	\$364	\$361	\$359	\$356	\$353	\$4,415	. 10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI

Schedule of Capital Investment, Depreciation and Return

Common Expenses - (Program No. 20)
For the Estimated/ActualPeriod January through December 2003

L‡ne No	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No
1	Investment (Net of Retirements)		\$15,614	\$15,614	\$15,614	\$15,614	\$15,614	\$15,614	\$15,614	\$15,614	\$15,614	\$1 5,614	\$15,614	\$15,614	\$ 187,364	1
2	Depreciation Base		8,172,589	8,179,955	8,193,767	8,204,552	8,208,997	8,190,528	8,191,801	8,263,926	8,339,817	8,427,651	8,548,038	8,630,270	n/a	_ 2
3	Depreciation Expense (a)		135,656	135,782	136,022	136,213	136,293	135,954	127,962	137,887	139,152	140,615	142,622	143,992	1,648,151	<u>.</u> 3
4	Cumulative Investment (Line 2)	\$8,156,976	8,172,589	8,179,955	8,193,767	8,204,552	8,208,997	8,190,528	8,191,801	8,263,926	8,339,817	8,427,651	8,548,038	8,630,270	n/a	4
5	Less Accumulated Depreciation	3,756,998	3,892,654	4,042,282	4,164,458	4,300,671	4,436,964	4,572,918	4,700,880	4,838,767	4,977,918	5,118,534	5,261,156	5,405,148	n/a	5
6	Net Investment (Line 4 - 5)	\$4,399,978	\$4,279,935	\$4,137,674	\$4,029,309	\$3,903,881	\$3,772,033	\$3,617,610	\$3,490,921	\$3,425,159	\$3,361,899	\$3,309,117	\$3,286,882	\$3,225,122		6
7	Average Net Investment		\$4,339,956	\$4,208,805	\$4,083,491	\$3,966,595	\$3,837,957	\$3,694,821	\$3,554,265	\$3,458,040	\$3,393,529	\$3,335,508	\$3,298,000	\$3,256,002	n/a	7
8	Return on Average Net Investment															8
+	a Equity Component (b)		16,550	16,050	15,572	15,126	14,635	14,090	13,554	13,187	12,941	12,719	12,576	12,416	169,415	8a
I	b Equity Comp grossed up for taxes (Line 8a/	61425)	26,943	26,129	25,351	24,625	23,826	22,938	22,065	21,468	21,067	20,707	20,474	20,214	275,808	8b
(C Debt Component (Line 7 * 4 3642% /12)		15,784	15,307	14,851	14,426	13,958	13,437	12,926	12,576	12,342	12,131	11,994	11,842	161,573	8c
9	Total Return Requirements (Line 8b + 8c)		42,727	41,435	40,202	39,051	37,784	36,375	34,992	34,044	33,409	32,838	32,469	32,055	437,381	9
10	Total Depreciation & Return (Line 3 + 9)		\$178,383	\$177,217	\$176,224	\$175,264	\$174,078	\$172,330	\$162,953	\$171,931	\$172,561	\$173,453	\$175,091	\$176,048	\$2,085,532	10

⁽a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting

⁽b) The Equity Component is 4 5760% based on a ROE of 11 0% per FPSC Order No PSC-99-0519-AS-EI, Docket No 990067-EI

CONSERVATION PROGRAM COSTS January 2003 throughJuly 2003

		Actuals		Actuals		Actuals		Actuals	Actuals	Actuals		Actuals		Sub-Total
Program Title		January		February		March		April	May	 June		July	_	(7 Mo.)
1 Residential Conservation Service Prog	\$	760,043	\$	301,359	\$	1,018,417	\$	782,534	\$ 626,179	\$ 390,871	\$	1,428,619	\$	5,308,022
2 Residential Building Envelope Program		563,201		189,550		192,020		253,642	160,115	199,096		161,096		1,718,72
3 Residential Load Management ("On Call")		3,903,878		3,888,129		3,914,785		6,249,630	6,435,545	6,394,825		6 374,066		37,160,85
4 Duct System Testing & Repair Program		128,593		177,309		235,234		176,080	199,257	244,397		189,295		1,350,16
5. Residential Air Conditioning Program		963,359		939,094		1,077,198		1,189,079	1,273,218	1,503,191		1,570,353		8,515,49
6. Business On Call Program		72,709		84,921		194,450		264,311	267,638	340,064		286,663		1,510,75
7 Cogeneration & Small Power Production		17,554		20,251		25,912		19,783	21,938	19,579		20,290		145,30
8. Commercial/Industrial Efficient Lighting		26,157		147,432		70,708		85,861	25,445	67,373		54,129		477,10
9. Commercial/Industrial Load Control		2,246,111		2,287,585		2,421,471		2,396,883	2,504,886	2,636,278		2,796,553		17,289,76
0. C/I Demand Reduction		29,614		31,118		37,336		38,512	42,452	39,773		52,156		270,96
11. Business Energy Evaluation		103,672		131,376		644,655		221,632	546,146	194,582		207,202		2,049,26
2 C/I Heating, Ventilating & A/C Program		67,630		210,608		181,884		311,176	192,674	625,449		930,614		2,520,03
13 Business Custom Incentive Program		18,496		1,041		231,639		1,023	862	892		86		254,04
4 C/I Building Envelope Program		80,035		46,133		81,922		31,165	26,129	86,597		95,106		447,08
5. Conservation Research & Dev. Program		(138,807)		457		6,678		1,881	554	20,514		(9,625)		(118,34
6. BuildSmart Program		38,285		39,187		60,372		61,475	51,069	51,048		48,454		349,89
7 Low Income Weatherization R&D		1,701		1,387		1,611		2,754	1,551	706		865		10,57
18 Photovoltaic R&D		2,324		1,586		43		2,680	22,166	3 292		2,784		34,87
19 Green Energy Project		5,550		26,529		4,382		18,656	36,411	35,246		37,983		164,75
20. Common Expenses		918,470		838,530		1,494,564		1,086,521	1,093,174	951,540		907,902		7,290,70
21 Total All Programs	s -	9,808,574	s -	9,363,582	\$	11,895,281	s ⁻	13,195,278	\$ 13,527,409	\$ 13,805,314	\$	15,154 590	\$	86 750,02
22 LESS Included in Base Rates	_	137,378		79,921	_	80,014	. <u>-</u>	137,174	 85,876	 87,704		131 322		739,39
23 Recoverable Conservation Expenses	\$	9,671,196	\$	9,283,661	\$	11,815,267	\$	13,058,104	\$ 13,441,532	\$ 13,717,610	\$	15,023,268	\$	86,010,63

CONSERVATION PROGRAM COSTS August 2003 through December 2003

		Estimate		Estimate		Estimate		Estimate		Estimate		Sub-Total		TOTAL
Program Title		August		September		October		November		December		(5 Mo)	L_	(12 Ma)
1 Residential Conservation Service Prog	\$	665,782	\$	1,157,477	\$	965,006	\$	1,047,175	\$	917,456	\$	4,752,896	\$	10,060,918
2 Residential Building Envelope Program		260,847		255,027		228,427		173,849		169,716		1,087,866		2,806,586
3 Residential Load Management ("On Call")		6,685,802		7,006,775		7,119,417		4,545,229		4,244,067		29,601,290	ı	66,762,148
4 Duct System Testing & Repair Program		245,414		265,460		268,724		286,718		234,122		1,300,438	1	2,650,603
5 Residential Air Conditioning Program		1,828,066		1,569,023		1,441,837		1,417,511		894,951		7,151,388	l	15,666,880
6 Business On Call Program		324,400		334,447		306,901		85,638		85,815		1,137,201		2 647,957
7 Cogeneration & Small Power Production		19,544		19,194		28,544		28,194		34,095		129,571	l	274,878
8 Commercial/Industrial Efficient Lighting		60,162		58,829		45,646		48,573		70,667		283,877	ĺ	760,982
9 Commercial/Industrial Load Control		2,526,701		2,534,053		2,666,738		2,378,752		2,348,341		12 454,585	l	29 744,352
10 C/I Demand Reduction		43,457		49,097		64,062		48,093		46,676		251,385	l	522,346
11 Business Energy Evaluation		435 099		490.830		321,331		310,028		200 504		1 757 792	1	3,807,057
12 C/I Heating, Ventilating & A/C Program		367,407		569,038		379,284		250 323		180 886		1 746 938	l	4,266,973
13 Business Custom Incentive Program		88,504		3,612		3,054		12.039		1,499		108 708	1	362,748
14 C/I Building Envelope Program		52,899		49,339		34,015		35,638		33,737		205,628	ı	652,715
15 Conservation Research & Dev Program		60,500		60,500		65,500		85,500		323,500		595 500	l	477 152
16 BuildSmart Program		49,261		57,546		87,211		90,614		91,524		376,156	ı	726,046
17 Low Income Weathenzation R&D		1,786		1,786		6,786		11,786		6,175		28,319	1	38,894
18 Photovoltaic R&D		2,558		2,558		2,558		2,558		3,838		14,070	1	48,945
19 Green Energy Project		13,718		13,718		13,718		13,718		31,422		86,294	İ	251,051
20 Common Expenses		984,192		974,763		1,033,406		1 172,509		1,030,351		5 195,221	l	12,485,922
21 Total All Programs	\$ _	14,716,099	\$	15 473,072	\$	15,082,165	s -	12,044,445	\$	10,949,342	\$	68,265,123	s -	155,015,150
22 LESS Included in Base Rates	_	92,205		91,594	_	91,606	. <u>-</u>	114 025	_	97,523	_	486,954		1,226,344
23 Recoverable Conservation Expenses	\$ _	14,623,894	. s _	15,381,478	\$ _	14,990,559	. \$ <u>_</u>	11,930,420	\$	10,851,819	\$	67 778,169	s _	153,788,806
Totals may no add to due rounding														

FLORIDA POWER & LIGHT COMPANY ESTIMATED/ACTUAL CONSERVATION TRUE-UP & INTEREST CALCULATION JANUARY THROUGH DECEMBER 2003

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	actual May	actual June	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
B CONSERVATION REVENUES													
1 a RESIDENTIAL LOAD CONTROL CREDIT	\$0	\$0	\$0	\$0	\$0	5 0	\$ 0	3 0	\$0	\$0	\$0	\$0	\$0
b C/I - PENALTIES													
c BUILDSMART PROGRAM REVENUES	13,075	11,225	9 700	5,575	23,000	9 825	11,175	7 150	10,400	9 750	10 050	11,125	132,050
2 CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	12,734,646	12,505,703	12,550,002	12,416,223	13,453,417	15,254 393	15 763 758	15,937 133	15 716 502	14 557 622	13 242,711	12,216 022	166 348 133
3 TOTAL REVENUES	12 747,721	12,516,928	12,559,702	12,421,798	13,476,417	15,264 218	15,774 933	15,944 283	15 726 902	14,567 372	13 252 761	12,227,147	166,480,183
4 ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	300,819	300,819	300,819	300,819	300 819	300 819	300 819	300,819	300 819	300,819	300,819	300,819	3,609,830
CONSERVATION REVENUE APPLICABLE													
TO PERIOD (Line B3 + B4)	13 048,540	12,817 747	12,860,521	12,722,617	13,777,236	15,565 037	16,075,752	16,245,102	16 027,721	14,868,191	13,553,580	12,527,966	170,090,013
6 CONSERVATION EXPENSES	9,671,196	9,283,661	11,815,267	13,058,104	13,441,532	13,717,610	15,023,268	14,623,894	15,381,478	14,990,559	11,930,420	10,851,819	153,788,805
7 TRUE-UP THIS PERIOD (Line B5 - Line B6)	3,377,344	3,534,086	1,045,254	(335 487)	335,704	1,847,427	1 052,484	1,621,208	646 244	(122,367)	1,623,160	1,676,147	16,301 208
8 INTEREST PROVISION THIS PERIOD (From CT-3, Page 3, Line C10)	10 017	13,184	14,740	14,444	14,34)	13,947	13,930	15,189	15,931	15,911	16,318	17,513	175,465
9 TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	3,609,830	6,696,172	9,942,823	10,701 998	10,080,136	10 129 362	11,689,917	12,455,512	13 791 090	14,152,445	13,745,169	15,083,828	3,609 829
a. DEFERRED TRUE-UP BEGINNING OF PERIOD (Final CT-3 less EST/ACT)	4,243,101	4,243,101	4,243,101	4,243 101	4,243 101	4,243 101	4,243 101	4,243,101	4,243 101	4,243,101	4 243 101	4 243,101	4,243 101
10 PRIOR TRUE-UP COLLECTED (REFUNDED)	(300,819)	(300,819)	(300 819)	(300,819)	(300,819)	(300,819)	(300,819)	(300,819)	(300,819)	(300,819)	(300 819)	(300 819)	(3,609 829)
11 END OF PERIOD -TOTAL NET TRUE-UP	\$10,939,473	\$14,185,924	\$14,945,099	\$14,323,237	\$14,372,463	\$15,933,018	\$16,698,613	\$18,034,191	\$18,395,546	\$17,988,270	\$19,326,929	\$20,719,771	\$20,719,771
(Line B7+B8+B9+B9a+B10)													

() REFLECTS UNDERRECOVERY

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FLORIDA POWER & LIGHT COMPANY ESTIMATED/ACTUAL CONSERVATION TRUE-UP & INTEREST CALCULATION JANUARY THROUGH DECEMBER 2003

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	actual May	ACTUAL JUNE	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
C INTEREST PROVISION													
1 BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	\$7,852,931	\$10,939,473	\$14,185,924	\$14,945,099	\$14 323,237	\$14,372,463	\$15,933,018	\$16,698,613	\$18,044,191	\$18 395 546	\$17 988 270	\$19 126,929	\$182 995,694
2 ENDING TRUE-UP AMOUNT BEFORE INT (Line B7+B9+B9a+B10)	10,929,456	14,172,740	14,930,359	14 308,793	14 358 122	15,919,071	16,684 683	18,019,002	18,379,615	17,972,359	19 310 611	20 702.257	195,687 068
1 TOTAL OF BEGINNING & ENDING TRUE-UP (Lune C1+C2)	\$18,782,387	\$25,112,213	\$29,116,283	\$29,253,892	\$28,681,359	\$30,291 534	\$32,617 701	5 34,717,615	\$36 413,806	\$36 367,905	\$37,298 881	\$40 029,186	\$378 682 762
4 AVERAGE TRUE-UP AMOUNT (50% of Line C3)	\$9,391,194	\$12,556,107	\$14 558,142	\$14,626,946	\$14,340,680	\$ 15,145,767	\$16,308 851	\$17.358.808	\$18 206,903	\$18 183 953	\$18 649,441	\$20 014 593	\$189 341 381
5 INT RATE - FIRST DAY REPORTING BUSINESS MONTH	1 29900%。	1 27000%	1 25000%	1 18000°°	i 19000%	1 21000° o	1 00000%	1 05000%	1 05000° o	1 05000%	1 05000%	1 05000° o	N/A
6 INTEREST RATE-FIRST DAY SUBSEQUENT BUSINESS MONTH	1 27000%	1 25000%	1 18000%	I 19000%	1 21000%	1 00000%	1 05000%	1 05000%	1 05000%	1 05000%	1 05000%	1 05000%	N'A
7 TOTAL (Line C5+C6)	2 56000%	2 52000%	2 41000%	2 37000%	2 40000%	2 21000%	2 05000%	2 10000%	2 10000%	2 10000%	2 10000%	2 10000%	N/A
8 AVERAGE INTEREST RATE (50% of Luie C7)	1 28000%	1 26000%	1 21500%	1 18500%	1 20000%	1 10500%	1 02500%	1 05000%	1 05000%	1 05000%	1 05000%	1 05000%	N/A
9 MONTHLY AVERAGE INTEREST RATE (Lute C8 / 12)	0 10667%	0 10500%	0 10125%	0 09875%	0 10000%	0 09208%	0 08542%	0 08750%	0 08750%	0 08750%	0.08750%₅	0 08750%	N/A
10 INTEREST PROVISION (Line C4 x C9)	\$10,017	\$13,184	\$14,740	\$14,444	\$14,341	\$13,947	\$13,930	\$15,189	\$ 15,931	\$15,911	\$16,318	\$17 513	\$ 175 465

^() REFLECTS UNDERRECOVERY

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FLORIDA POWER & LIGHT COMPANY Calculation of Energy Conservation Cost Recovery (ECCR) Revenues For the Estimated/Actual Period January through December 2003

	Month	Jurisdictional kWh Sales	Clause Revenues Net of Revenue Taxes (1)
(Actual)	January	7,569,038,419	\$12,734,646
(Actual)	February	7,463,818,224	\$12,505,703
(Actual)	March	7,510,229,964	\$12,550,002
(Actual)	April	7,396,486,620	\$12,416,223
(Actual)	Мау	7,999,797,862	\$13,453,417
(Actual)	June	9,047,332,704	\$15,254,393
(Actual)	July	9,332,603,999	\$15,763,758
(Estimated)	August	9,546,863,000	\$15,937,133
(Estimated)	September	9,414,698,000	\$15,716,502
(Estimated)	October	8,720,491,000	\$14,557,622
(Estimated)	November	7,932,816,000	\$13,242,711
(Estimated)	December	7,317,796,000	\$12,216,022
	Total	99,251,971,792	\$166,348,133

⁽¹⁾ Revenue taxes for the period are 1.5% Gross Receipts Tax and .072% Regulatory Assessment Fee.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Conservation Service Program

Program Description: An energy audit program designed to assist residential customers in making their homes more energy efficient through the installation of conservation measures and the implementation of conservation practices.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include 104,711 energy audits.

Program accomplishments for the period January through December 2004 are expected to include 117,998 energy audits.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$10,060,918.

Program fiscal expenditures for the period January through December 2004 are expected to be \$11,447,716.

Program Progress Summary: Program to date, through July 2003, 1,812,747 energy audits have been completed.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Building Envelope Program

Program Description: A program designed to encourage qualified customers to install energy-efficient building envelope measures that cost-effectively reduce FPL's coincident peak air conditioning load and customer energy consumption.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include 18,254 installations.

Program accomplishments for the period January through December 2004 are expected to include 18,261 installations.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$2,806,586.

Program fiscal expenditures for the period January through December 2004 are expected to be \$2,823,529.

Program Progress Summary: Program to date, through July 2003, 703,191 installations have been completed.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Load Management Program ("On Call")

Program Description: A program designed to offer voluntary load control to residential customers.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include the installation of substation equipment at fifteen additional substations and a total of 713,140 program participants with load control transponders installed in their homes.

Program accomplishments for the period January through December 2004 are expected to include the installation of substation equipment at seventeen additional substations, and a total of 717,340 program participants with load control transponders installed in their homes.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$66,762,148.

Program fiscal expenditures for the period January through December 2004 are expected to be \$67,129,052.

Program Progress Summary: Program to date, through July 2003, there are 708,792 customers with load control equipment installed in their homes.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Duct System Testing and Repair Program

Program Description: A program designed to identify air conditioning duct system leaks and have qualified contractors repair those leaks.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include 24,954 installations.

Program accomplishments for the period January through December 2004 are expected to include 20,000 installations.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$2,650,603.

Program fiscal expenditures for the period January through December 2004 are expected to be \$2,117,305.

Program Progress Summary: Program to date, through July 2003, 337,477 installations have been completed.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Air Conditioning Program

Program Description: A program designed to provide financial incentives for residential customers to purchase a more efficient unit when replacing an existing air conditioning system.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include 53,832 installations.

Program accomplishments for the period January through December 2004 are expected to include 62,244 installations.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$15,966,880.

Program fiscal expenditures for the period January through December 2004 are expected to be \$16,888,631.

Program Progress Summary: Program to date, through July 2003, 722,209 installations have been completed.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business On Call Program

Program Description: This program is designed to offer voluntary load control of central air conditioning to GS and GSD customers.

Program Projections: Program accomplishments for the period January through December 2003 are expected to raise program participation to 42 MW.

Program accomplishments for the period January through December 2004 are expected to raise program participation to 46 MW.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$2,647,957.

Program fiscal expenditures for the period January through December 2004 are expected to be \$2,746,384.

Program Progress Summary: Program to date, through July 2003, total program participation is 40 MW.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Cogeneration and Small Power Production

Program Description: A program intended to facilitate the installation of cogeneration and small power production facilities.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include the receipt of 876.6 MW of firm capacity at time of system peak and 6,865 GWh of purchase power. Seven firm and five as-available power producers are expected to be participating.

Program accomplishments for the period January through December 2004 are expected to include the receipt of 876.6 MW of firm capacity at time of system peak and 7,115 GWh of purchase power. Seven firm and five as-available power producers are expected to be participating.

Program Fiscal Expenditures: Program expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$274,878.

Program fiscal expenditures for the period January through December 2004 are expected to be \$393,137.

Program Progress Summary: Total MW under contract (facility size) is 876.6 MW of which 876.6 MW is committed capacity.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Commercial/Industrial Efficient Lighting

Program Description: A program designed to encourage the installation of energy efficient lighting measures in commercial/industrial facilities.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include the reduction of 5,243 kW.

Program accomplishments for the period January through December 2004 are expected to include the reduction of 5,376 kW.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$760,682.

Program fiscal expenditures for the period January through December 2004 are expected to be \$896,323.

Program Progress Summary: Program to date, through July 2003, total reduction is 215,594 kW.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Commercial/Industrial Load Control

Program Description: A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

Program Projections: Program accomplishments for the period January through December 2003 are expected to result in program-to-date participation of 516 MW at the generator.

Program accomplishments for the period January through December 2004 are expected to result in program-to-date participation of 516 MW at the generator.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$29,744,352.

Program fiscal expenditures for the period January through December 2004 are expected to be \$30,017,342.

Program Progress Summary: Program to date, through July 2003, participation in this program totals 515 MW at the generator. This program is closed to new participants.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Commercial/Industrial Demand Reduction

Program Description: A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

Program Projections: Program accomplishments for the period January through December 2003 are expected to raise program-to-date participation to 18 MW at the generator.

Program accomplishments for the period January through December 2004 are expected to raise program-to-date participation to 24 MW at the generator.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$522,346.

Program fiscal expenditures for the period January through December 2004 are expected to be \$725,990.

Program Progress Summary: Program to date, through July 2003, participation in this program totals 13 MW at the generator.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Energy Evaluation

Program Description: This program is designed to provide evaluations of commercial and industrial customers' existing and proposed facilities and encourage energy efficiency by identifying DSM opportunities and providing recommendations to the customer.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include 7,048 energy evaluations.

Program accomplishments for the period January through December 2004 are expected to include 7,100 energy evaluations.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$3,807,057

Program fiscal expenditures for the period January through December 2004 are expected to be \$4,150,093.

Program Progress Summary: Program to date, through July 2003, 73,225 energy evaluations have been completed.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: C/I Heating, Ventilating and Air Conditioning Program

Program Description: A program designed to reduce the current and future growth of coincident peak demand and energy consumption of commercial and industrial customers by increasing the use of high efficiency heating, ventilating and air conditioning (HVAC) systems.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include the reduction of 19,428 kW.

Program accomplishments for the period January through December 2004 are expected to include the reduction of 17,609 kW.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$4,266,973.

Program fiscal expenditures for the period January through December 2004 are expected to be \$4,289,751.

Program Progress Summary: Program to date, through July 2003, total reduction is 214,260 kW.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: C/I Business Custom Incentive Program

Program Description: A program designed to assist FPL's commercial and industrial customers to achieve electric demand and savings cost-effective to all FPL customers. FPL will provide incentives to qualifying commercial and industrial customers who purchase, install and successfully operate cost-effective energy efficiency measures not covered by other FPL programs that reduce electric demand or shift electric demand from summer peak.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include the reduction of 7,498 kW and the screening of several projects.

Program accomplishments for the period January through December 2004 are expected to include continued screening of new projects.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$362,748.

Program fiscal expenditures for the period January through December 2004 are expected to be \$192,002.

Program Progress Summary: Program to date, through July 2003, 51 projects have been reviewed for eligibility and cost-effectiveness.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Commercial/Industrial Building Envelope Program

Program Description: A program designed to encourage eligible commercial and industrial customers to increase the efficiency of the qualifying portions of their building's envelope, which will reduce HVAC energy consumption and demand.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include the reduction of 2,313 kW.

Program accomplishments for the period January through December 2004 are expected to include the reduction of 3,127 kW.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$652,715.

Program fiscal expenditures for the period January through December 2004 are expected to be \$748,364.

Program Progress Summary: Program to date, through July 2003, total reduction is 30,059 kW.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Conservation Research & Development Program

Program Description: A program designed to evaluate emerging conservation technologies to determine which are worthy of pursuing for program development and approval.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include the continuation of Technology Assessment of products/concepts for potential DSM opportunities. See Supplement on Page 16 and 17 of 22 for description.

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$477,152.

There are no program fiscal expenditures anticipated for the period January through December 2004. Project terminates December 2003.

Program Progress Summary: The attached listing details FPL's activities during this period. FPL filed a petition in August 2002, and received approval in October 2002, extending this program until December 2003.

Supplement to Conservation Research & Development (CRD) Activities

Technology Assessment

Description

Residential Duct Plenum Repair

FPL is performing a pre-post metered study of 40 customers who recently participated in FPL's Residential High Efficiency HVAC Program. These 40 homes were the research subjects for a duct plenum repair to evaluate the value of possibly adding a new option to our Residential HVAC Program which would involve repairing any leaks in the ductwork connection when a new central HVAC system is installed.

Two-speed Air Handlers

FPL is researching the demand and energy reduction benefits of twospeed air handlers. Single-speed and two-speed air handlers will be compared with both conventional thermostats and with humidistats. Savings will be quantified at both the original thermostat temperature set point and a higher temperature setting equivalent to a similar comfort level at lower indoor relative humidity.

ArticMaster subcooler

A passive subcooler device called the ArticMaster is being solicited to commercial customers in Florida. FPL chose to sponsor a laboratory test of the device to either verify or refute the savings claims documented in material from the manufacturer. When the ArticMaster was installed in a 5-ton a/c system operating under typical Florida climate conditions, scientific testing procedures showed a small reduction in electrical demand but an *increase* in overall energy use (i.e. worse energy efficiency ratio). The conclusion is the ArticMaster is not cost effective for either the utility or the customer.

Energy Recovery Ventilator (ERV)

In 2003, FPL continued monitoring and evaluating a membrane-type energy recovery ventilator installed in an office building setting. The ventilator being tested recovers about two-thirds of the energy from the building exhaust air stream to precool and dehumidify the required fresh air entering the building. Cooling load is significantly reduced, which provides peak demand reduction for the utility and bill savings for the customer from reductions in both demand and energy consumption. This has proven to be a very promising technology for the hot, humid climate of Florida.

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Supplement to Conservation Research & Development (CRD) Activities

Technology Assessment

Description

CO₂ Monitoring

FPL is modeling scenarios to examine possible benefits of controlling commercial building ventilation in conjunction with carbon dioxide (CO2) monitoring devices. The study will estimate the demand and energy reduction associated with utilizing CO2 monitoring technology in this way either as a stand-alone measure or in combination with an energy recovery ventilator like the one described above.

Fuel Cell Demonstration

FPL installed 2.5-kilowatt natural gas fuel cells at Birch State Park in Fort Lauderdale and Saint Thomas University in Miami as a demonstration project. The output and reliability of the units are being monitored by FPL in order to gain experience with the installation and operation of the technology. A small number of additional fuel cell research projects are being considered.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: BuildSmart Program

Program Description: The objective of this program is to encourage the design and construction of energy-efficient homes that cost effectively reduce FPL's coincident peak and load and customer energy consumption.

Program Projections: Program accomplishments for the period January through December 2003 are expected to include 1,730 homes.

Program accomplishments for the period January through December 2004 are expected to include 2,241 homes.

Program Fiscal Expenditures: Program fiscal expenditures (net of program revenues) for the period January through December 2003 are expected to be an estimated/actual period total of \$593,996.

Program fiscal expenditures (net of program revenues) for the period January through December 2004 are expected to be \$1,131,916.

Program Progress Summary: Program to date, through July 2003, 4,748 homes have been completed.

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PROGRAM DESCRIPTION AND PROGRESS

Project Title: Low Income Weatherization Retrofit Project

Project Description: The objective of this project is to investigate cost-effective methods of increasing the energy efficiency of FPL's low-income customers. The research project will address the needs of low income housing retrofits by providing monetary incentives to housing authorities, both Weatherization Agency Providers, (WAPs), and non-WAPs, for individual homes they are retrofitting. The pilot will consist of 500 installations.

Project Projections: Project accomplishments for the period January through December 2003 are expected to include completion of the research project and evaluation and recommendations regarding program expansion.

Project Fiscal Expenditures: Project fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$38,894.

There are no project fiscal expenditures anticipated for the period January through December 2004. Project terminates December 2003.

Project Progress Summary: FPL has met and concluded the pilot of 500 installations. The program has been evaluated for cost effective methods of increasing energy efficiency. A formal recommendation will be presented to the Florida Public Service Commission by the fourth quarter 2003.

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PROGRAM DESCRIPTION AND PROGRESS

Project Title: Photovoltaic Research, Development and Education Project

Project Description: The objective of this project is to work with homebuilders to install five to ten photovoltaic roof systems in new single family homes.

Project Projections: Project accomplishments for the period January through December 2003 are expected to include: (1) Demand Energy Data (PV vs. FPL System Loads); (2) PV Demo Site Homeowner Financial Benefit; (3) Impact on FPL Distribution System; (4) Feasibility of replacing existing roofing materials with PV materials.

Project Fiscal Expenditures: Project fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$48,945.

There are no project fiscal expenditures anticipated for the period January through December 2004. Project terminates December 2003.

Project Progress Summary: A report is being compiled covering the monitoring of the five selected photovoltaic (PV) systems on buildings. The report will include the status of the work performed, information on the performance, reliability, costs and cost effectiveness analysis. Winter 2002 PV System Load data was collected and summer 2003 PV System and FPL System Load data is presently being collected. Once the data acquisition is completed for summer 2003, it will be also be incorporated into the report. As soon as the report is finalized, it will be filed with the FPSC.

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PROGRAM DESCRIPTION AND PROGRESS

Project Title: Green Energy Project

Project Description: Under this project FPL will determine customer acceptance of green pricing rates, investigate, and if determined by FPL to be feasible, design and implement a Green Energy Program.

Project Projections: During this period FPL completed project feasibility and design.

Project Fiscal Expenditures: Project fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$251,051.

There are no project fiscal expenditures anticipated for the period January through December 2004. Current research project terminates December 2003.

Project Progress Summary: FPL closed its renewable RFP on July 22, 2003. A petition was submitted on August 4, 2003 (Docket No. 030752-El) for approval of FPL's Green Power Pricing Research Project, consummating Order if No Protest is expected fourth quarter 2003. Project expected to be implemented and launched following this date.

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PROGRAM DESCRIPTION AND PROGRESS

Program Title: Common Expenses

Program Description: Expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures: Program fiscal expenditures for the period January through December 2003 are expected to be an estimated/actual period total of \$12,485,922.

Program fiscal expenditures for the period January through December 2004 are expected to be \$13,743,795.

Program Progress Summary: N/A