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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 000002-EG
FLORIDA POWER & LIGHT COMPANY

MAY 15, 2000

ENERGY CONSERVATION COST RECOVERY FACTOR
FINAL TRUE-UP

JANUARY 1999 THROUGH DECEMBER 1999

TESTIMONY AND EXHIBITS OF:

BARBARA SANTOS

Q. What are your responsibilities and duties as a Budget and Regulatory Supervisor?

A. I am responsible for supervising and assisting in the development of the Business Unit Budget for all functional areas under Customer Service and Marketing. I supervise and assist systems support functions related to the department, DSM and ECCR, including monthly accounting reviews. Also, I supervise and assist in the preparation of regulatory filings and reports related to ECCR, prepare responses to regulatory inquiries and ensure timely response. I am also responsible for the ECCR Forecast and True-Up.

Q. What is the purpose of your testimony?

A. The purposes of my testimony are (1) to present the conservation related revenues and costs associated with FPL's energy conservation programs for the period January 1999 through December 1999, and (2) to present the net overrecovery for the period January 1999 through December 1999 to be carried forward for calculation of FPL's new ECCR factors.

Q. Have you prepared or had prepared under your supervision and control an exhibit?

A. Yes. I am sponsoring Exhibit BS-1, which is attached to my testimony and consists of Schedules CT-1 through CT-6 and Appendix A. Appendix A is the documentation required by Rule 25-17.015(5), F.A.C. regarding specific claims of energy savings in advertisements. While I am sponsoring all of Exhibit BS-1, parts of the exhibit were prepared at my request by Ms. Korel M. Dubin, Manager

of Regulatory Issues, Rates and Tariffs Department, who is available to respond to any questions that the parties or the Commission may have regarding those parts. Exhibit BS-1, Table of Contents, Page 1 of 1, identifies the portions prepared by Ms. Dubin and me.

Q. What is the actual net true-up amount which FPL is requesting for the January 1999 through December 1999 period?

A. FPL has calculated and is requesting approval of an overrecovery of $14,283,341 as the actual net true-up amount for that period.

Q. What is the adjusted net true-up amount which FPL is requesting for the January 1999 through December 1999 period which is to be carried over and refunded in the January 2001 through December 2001 period?

FPL has calculated and is requesting approval of an overrecovery of $69,731 as the adjusted net true-up amount for that period. The adjusted net true-up of an overrecovery of $69,731 is the difference between the actual net true-up of an overrecovery of $14,283,341 and the estimated/actual net true-up of an overrecovery of $14,213,610 approved by the Commission at the November 1999 Hearing. This is shown on Exhibit____, (BS-1), Schedules CT-1 Page 1 of 1, and CT-2 Page 1 of 5.

Q. Are all costs listed in Schedule CT-2 attributable to approved programs?

A. Yes they are.

Q. During the January 1999 through December 1999 period, is FPL seeking recovery of any advertising which makes a specific claim of potential energy savings or states appliance efficiency ratings or savings?

A. Yes. A copy of the advertising, data sources and calculations used to substantiate the savings are included in Appendix A, Pages 1-A through 8-C.

Q. How did your actual program expenditures for January 1999 through December 1999 compare to the Estimated/Actual presented at the November 1999 Hearing?

A. At the November 1999 Hearing, total expenditures for January 1999 through December 1999 were estimated to be $156,277,566. The actual expenditures for the period were $158,295,886. This represents a period variance of $2,018,320 more than projected. This variance is shown on Schedule CT-2, Page 3 of 5, Line 29 and is explained in Schedule CT-6.

Q. Was the calculation of the adjusted net true-up amount for the period January 1999 through December 1999 period performed consistently with the prior true-up calculations in this and the predecessor conservation cost recovery dockets?

A. FPL's adjusted net true-up was calculated consistent with the methodology set forth in Schedule 1, page 2 of 2 attached to Order No. 10093, dated June 19, 1981. The schedules prepared by Ms. Dubin detail this calculation.

Q. What was the source of the data used in calculating the actual net true-up amount?

A. Unless otherwise indicated, the data used in calculating the adjusted net true-up amount is taken from the books and records of FPL. The books and records are kept in the regular course of our business in accordance with generally accepted accounting principles and practices, and provisions of the Uniform System of Accounts as prescribed by this Commission. As directed in Rule 25-17.015, F.A.C., Schedules CT-2, Pages 4 and 5 of 5 provide a complete list of all account numbers used for conservation cost recovery during the period January 1999 through December 1999.

Q. Does that conclude your testimony?

A. Yes, it does.

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(BS-1)
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Schedule	Prepared By
CT-1, Page 1 of 1	Korel M. Dubin
CT-2, Page 1 of 5, Lines 1-11	Barbara Santos
CT-2, Page 1 of 5, Lines 12-19	Korel M. Dubin
CT-2, Pages 2 - 5 of 5	Barbara Santos
CT-3, Pages 1 of 3	Barbara Santos
CT-3, Pages 2 & 3 of 3	Korel M. Dubin
CT-4, Pages 1 - 3 of 3, Line 1	Barbara Santos
CT-4, Pages 1 - 3 of 3, Lines 2 - 10	Korel M. Dubin
CT-5, Page 1 of 1	Barbara Santos
CT-6, Pages 1 - 28 of 28	Barbara Santos
Appendix A	Barbara Santos

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Energy Conservation Cost Recovery
Final True-Up for the Period
January 1999 Through December 1999

1. Actual End of Period True-Up				
2. Principal	$	8,747,192		
3. Interest	$	442,654	$	9,189,846
4. Less Estimated/Actual True-Up approved at the November 1999 Hearing				
5. Principal		8,696,133		
6. Interest	$	423,982	$	9,120,115
7. Final Net True-Up to be carried over to the January 2001 through December 2001 period			$	**69,731**

( ) Reflects Underrecovery

Energy Conservation Cost Recovery
Analysis of Program Costs
Actual VS Estimate for the Period
January 1999 through December 1999

		Actual	Estimated (a)	Difference
1. Depreciation & Return	$	21,615,616	$ 21,548,157	$ 67,459
2. Payroll & Benefits		17,574,906	18,065,611	(490,705)
3. Materials & Supplies		(1,535,775)	(79,042)	(1,456,733)
4. Outside Services		15,301,238	12,052,326	3,248,912
5. Advertising		5,817,221	5,509,937	307,284
6. Incentives		97,716,504	97,720,754	(4,250)
7. Vehicles		108,530	59,381	49,149
8. Other		2,919,855	2,584,120	335,735
9. SUB-TOTAL	$	159,518,095	$ 157,461,244	$ 2,056,851
10. Program Revenues		(80,275)	(66,825)	(13,450)
11. TOTAL PROGRAM COSTS	$	159,437,820	$ 157,394,419	$ 2,043,403
12. Amounts included in Base Rates		1,141,934	1,116,853	25,081
13. SUBTOTAL	$	158,295,886	$ 156,277,566	$ 2,018,320
14. ECCR Reveues (Net of Revenue Taxes)		169,068,182	166,998,807	2,069,375
15. True-Up Before Interest (Line 14 - Line 13)	$	10,772,296	$ 10,721,241	$ 51,055
16. Interest Provision		442,654	423,982	18,672
17. Prior Period True-Up (Apr' 98 -Dec '98)		(2,025,105)	(2,025,105)	-
18. Deferred True-Up from Prior Period (Apr '98- Dec '98)		5,093,495	5,093,495	-
19. End of Period True-Up	**$**	**14,283,341**	**$ 14,213,610**	**$ 69,731**

(a) From Estimated/Actual Filing. Approved 11/99 Hearing.
For Lines 15 - 19 ( ) reflects an underrecovery.
Totals may not add due to rounding.

CONSERVATION PROGRAM COSTS
January 1999 through December 1999

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Conservation Service Program	$	$ 2,651,382	$ 22,281	$ 2,545,974	$ 3,617,154	$	$ 5,844	$ 432,113	$ 9,274,748	$	$ 9,274,748
2. Residential Building Envelope Program		217,023	263	99,324		1,923,148	76	21,994	2,261,828		2,261,828
3. Residential Load Management ("On Call")	17,935,770	1,962,448	(1,740,385)	3,223,615	(2,236)	44,223,702	4,842	969,275	66,577,031		66,577,031
4. *Duct System Testing & Repair Program*		2,157,552	34,294	254,192	131,643	1,377,222	11,215	(441,987)	3,524,131		3,524,131
5. Residential Air Conditioning Program		731,936	6,899	499,215	131,617	13,213,304	359	81,258	14,664,588		14,664,588
6. GS Load Management ("Business On Call")	1,144,836	145,650		70,814		560,888	531	63,431	1,986,150		1,986,150
7. Cogeneration & Small Power Production		163,488	46	4,239,716			105	(56,554)	4,346,801		4,346,801
8. *Commercial/Industrial Efficient Lighting*		173,436		303,111		495,164	793	24,089	996,593		996,593
9. Commercial/Industrial Load Control		410,332	11,325	33,232		29,316,778	2,171	125,329	29,899,167		29,899,167
10. Business Energy Evaluation		945,497	23,540	1,081,838	1,862,370		5,046	174,714	4,093,005		4,093,005
11. C/I Heating, Ventilating & A/C Program		903,107	133	363,981	33,830	3,373,415	4,421	76,158	4,755,045		4,755,045
12. *C/I Off Peak Battery Charging Program*		9,907				15,345	35	564	25,851		25,851
13. Business Custom Incentive Program		633				240,000	4	1,946	242,583		242,583
14. C/I Building Envelope Program		252,190	688	34,541	36,947	2,977,538	1,447	28,914	3,332,265		3,332,265
15. Res. Thermal Energy Storage Research Proj.									-		-
16. *Cool Communities Research Project*				44,248				636	44,884		44,884
17. Res. Heat Pump Water Heating Research Project		14							14		14
18. Conservation Research & Development Program		32		29,537				8,089	37,658		37,658
19. Natural Gas End-Use Technology R&D Project		112		152,591				8	152,711		152,711
20. *C/I Daylight Dimming Research Project*		56		(6,325)				51,318	45,049		45,049
21. C/I New Construction Research Project		56		382,274				104	382,434		382,434
22. Marketing Conservation Research & Dev.		67		271,624					271,691		271,691
23. BuildSmart Program		923,454	12,814	390,567	5,896		253	128,520	1,461,504	(80,275)	1,381,229
24. *Green Pricing Research & Development Project*		8,488	1,927	42,797				1,998	54,310		54,310
25. C/I Solar Desiccant Research Project		56		29,866					29,922		29,922
26. Common Expenses	2,535,010	5,917,990	91,300	1,214,506			71,388	1,227,938	11,058,132		11,058,132
27. *Total All Programs*	$ 21,615,616	$ 17,574,906	$ (1,535,775)	$ 15,301,238	$ 5,817,221	$ 97,716,504	$ 108,530	$ 2,919,855	$ 159,518,093	$ (80,275)	$ 159,437,820
28. LESS: Included in Base Rates		$ 1,141,934						$ 1,141,934			$ 1,141,934
29. *Recoverable Conservation Expenses*	$ 21,615,616	$ 16,432,972	$ (1,535,775)	$ 15,301,238	$ 5,817,221	$ 97,716,504	$ 108,530	$ 2,919,855	$ 158,376,160	$ (80,275)	$ 158,295,886

Totals may not add due to rounding

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FLorida Power & Light Co.
(BS-1)
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CONSERVATION PROGRAM VARIANCE
January 1999 through December 1999

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total Variance for Period
1. Residential Conservation Service Program	$	$ (376,762)	$ (1,878)	$ 1,557,807	$ (574,877)	$	$ 1,422	$ (51,754)	$ 553,958	$	$ 553,958
2. Residential Building Envelope Program		33,254	(743)	20,691		(147,955)	41	(6,712)	(101,424)		(101,424)
3. Residential Load Management ("On Call")	99,774	337,958	(1,502,163)	659,835	(2,236)	1,029,077	(205)	230,465	852,505		852,505
4. Duct System Testing & Repair Program		(351,859)	(14,138)	7,430	113,525	(837,583)	6,546	345,634	(730,445)		(730,445)
5. Residential Air Conditioning Program		(155,608)	6,646	53,539	113,414	(1,176,748)	289	(14,625)	(1,173,093)		(1,173,093)
6. GS Load Management ("Business On Call")	6,368	12,329		47,013	(340)	157,573	268	23,456	246,667		246,667
7. Cogeneration & Small Power Production		56,131	46	1,821,301			53	(30,462)	1,847,069		1,847,069
8. Commercial/Industrial Efficient Lighting		(14,394)		23,776		19,734	427	(14,136)	15,407		15,407
9. Commercial/Industrial Load Control		25,355	(3,283)	(347)		1,663,891	812	14,546	1,700,974		1,700,974
10. Business Energy Evaluation		70,884	9,996	537,526	847,612		2,522	15,029	1,483,569		1,483,569
11. C/I Heating, Ventilating & A/C Program		(53,628)	1	23,146		34,294	2,436	(21,989)	(15,740)		(15,740)
12. C/I Off Peak Battery Charging Program		(853)		(11,976)		12,190	18	(627)	(1,248)		(1,248)
13. Business Custom Incentive Program		(2,051)		(11,000)		(240,000)	4	(1,901)	(254,948)		(254,948)
14. C/I Building Envelope Program		(259)	684	(5,194)		(518,723)	717	(9,212)	(531,987)		(531,987)
15. Res. Thermal Energy Storage Research Proj.								(4,165)	(4,165)		(4,165)
16. Cool Communities Research Project				(41,664)					(41,664)		(41,664)
17. Res. Heat Pump Water Heating Research Project								(4,165)	(4,165)		(4,165)
18. Conservation Research & Development Program		(27,736)		(41,665)				(12,500)	(81,901)		(81,901)
19. Natural Gas End-Use Technology R&D Project		(1)		34,265				1	34,265		34,265
20. C/I Daylight Dimming Research Project		(4,622)		(67,067)				240	(71,449)		(71,449)
21. C/I New Construction Research Project		(4,623)		(369,971)				(49)	(374,643)		(374,643)
22. Marketing Conservation Research & Dev.		4		(115,758)	(132,900)				(248,654)		(248,654)
23. BuildSmart Program		31,648	997	122,776	(56,914)		105	31,202	129,814	(13,450)	116,364
24. Green Pricing Research & Development Project		310		38,068					38,378		38,378
25. C/I Solar Desiccant Research Project		(4,621)		(21,819)					(26,440)		(26,440)
26. Common Expenses	(38,683)	(61,561)	47,102	(1,011,800)			33,694	(152,541)	(1,183,789)		(1,183,789)
27. Total Variance All Programs	$ 67,459	$ (490,705)	$ (1,456,733)	$ 3,248,912	$ 307,284	$ (4,250)	$ 49,149	$ 335,735	$ 2,056,851	$ (13,450)	$ 2,043,401
28. LESS: Included in Base Rates		$ 25,081						$	25,081		$ 25,081
29. Total Recoverable Conservation Variance	$ 67,459	$ (515,786)	$ (1,456,733)	$ 3,248,912	$ 307,284	$ (4,250)	$ 49,149	$ 335,735	$ 2,031,770	$ (13,450)	$ 2,018,320

Totals may not add due to rounding

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Program No.	ACCOUNT NO.	PROGRAM TITLE
1	456.300	RESIDENTIAL CONSERVATION SERVICE PROGRAM
1	908.620	RESIDENTIAL CONSERVATION SERVICE PROGRAM
1	909.101	RESIDENTIAL CONSERVATION SERVICE PROGRAM
2	908.600	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	908.650	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	908.660	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	909.103	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	909.104	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	909.600	RESIDENTIAL BUILDING ENVELOPE PROGRAM
3	440.300	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	582.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	586.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	587.200	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	587.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	592.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	592.880	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	597.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	598.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	908.500	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	908.540	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	909.106	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	908.700	DUCT SYSTEM TESTING & REPAIR PROGRAM
4	908.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
4	909.121	DUCT SYSTEM TESTING & REPAIR PROGRAM
4	909.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
5	908.410	RESIDENTIAL AIR CONDITIONING PROGRAM
5	909.410	RESIDENTIAL AIR CONDITIONING PROGRAM
6	442.190	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
6	442.290	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
6	587.250	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
6	598.140	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
6	908.580	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
6	909.580	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
7	560.400	COGENERATION & SMALL POWER PRODUCTION
7	908.350	COGENERATION & SMALL POWER PRODUCTION
8	908.170	COMMERCIAL/INDUSTRIAL EFFICIENT LIGHTING
8	909.170	COMMERCIAL/INDUSTRIAL EFFICIENT LIGHTING
9	442.300	COMMERCIAL/INDUSTRIAL LOAD CONTROL
9	442.320	COMMERCIAL/INDUSTRIAL LOAD CONTROL
9	587.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
9	598.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
9	908.550	COMMERCIAL/INDUSTRIAL LOAD CONTROL
9	909.107	COMMERCIAL/INDUSTRIAL LOAD CONTROL

Program No.	ACCOUNT NO.	PROGRAM TITLE
10	456.150	BUSINESS ENERGY EVALUATION
10	908.400	BUSINESS ENERGY EVALUATION
10	908.430	BUSINESS ENERGY EVALUATION
10	909.430	BUSINESS ENERGY EVALUATION
10	909.450	BUSINESS ENERGY EVALUATION
11	908.150	C/I HEATING, VENTILATING & A/C PROGRAM
11	908.160	C/I HEATING, VENTILATING & A/C PROGRAM
11	908.420	C/I HEATING, VENTILATING & A/C PROGRAM
11	908.440	C/I HEATING, VENTILATING & A/C PROGRAM
11	908.590	C/I HEATING, VENTILATING & A/C PROGRAM
11	909.150	C/I HEATING, VENTILATING & A/C PROGRAM
11	909.160	C/I HEATING, VENTILATING & A/C PROGRAM
11	909.420	C/I HEATING, VENTILATING & A/C PROGRAM
11	909.440	C/I HEATING, VENTILATING & A/C PROGRAM
11	909.590	C/I HEATING, VENTILATING & A/C PROGRAM
12	908.180	C/I OFF PEAK BATTERY CHARGING PROGRAM
12	909.180	C/I OFF PEAK BATTERY CHARGING PROGRAM
13	908.190	BUSINESS CUSTOM INCENTIVE PROGRAM
14	908.300	C/I BUILDING ENVELOPE PROGRAM
14	909.310	C/I BUILDING ENVELOPE PROGRAM
15	908.110	RES. THERMAL ENERGY STORAGE RESEARCH PROJ.
16	908.730	COOL COMMUNITIES RESEARCH PROJECT
17	908.740	RES. HEAT PUMP WATER HEATING RESEARCH PROJECT
18	910.499	CONSERVATION RESEARCH & DEVELOPMENT PROGRAM
19	908.760	NATURAL GAS END-USE TECHNOLOGY R&D. PROJECT
20	908.200	C/I DAYLIGHT DIMMING RESEARCH PROJECT
21	908.720	C/I NEW CONSTRUCTION RESEARCH PROJECT
22	909.130	MARKETING CONSERVATION RESERACH & DEV
22	910.130	MARKETNG CONSERVATION RESERACH & DEV.
23	456.870	BUILDSMART PROGRAM
23	908.770	BUILDSMART PROGRAM
23	909.770	BUILDSMART PROGRAM
24	908.260	GREEN PRICING RESEARCH & DEVEVELOPMENT PROJECT
24	909.260	GREEN PRICING RESEARCH & DEVEVELOPMENT PROJECT
25	908.570	C/I SOLAR DESICCANT RESEARCH PROJECT
26	907.100	COMMON EXPENSES
26	908.130	COMMON EXPENSES
26	908.450	COMMON EXPENSES
26	908.460	COMMON EXPENSES
26	909.700	COMMON EXPENSES
26	910.100	COMMON EXPENSES
26	910.120	COMMON EXPENSES
26	910.176	COMMON EXPENSES
26	931.100	COMMON EXPENSES
**	926.211	PENSION & WELFARE BENEFITS

** Pension & Welfare benefits are allocated to the specific program by means of work order allocation; Each work order translates to Ferc Account 926.211.

CONSERVATION PROGRAM COSTS

January 1999 through December 1999

Program Title	January	February	March	April	May	June	July	August	September	October	November	December	Total for Period
1. Residential Conservation Service Program	$ 232,502	$ 239,517	$ 423,711	$ 308,031	$ 318,942	$ 2,911,014	$ 536,160	$ 1,125,502	$ 798,247	$ 1,046,560	$ 540,994	$ 793,588	$ 9,274,748
2. Residential Building Envelope Program	107,394	175,276	157,042	121,704	252,038	268,465	286,274	186,714	176,970	183,573	188,198	178,180	2,261,828
3. Residential Load Management ("On Call")	4,612,886	4,451,574	4,279,796	6,358,030	6,430,955	6,397,893	6,352,124	6,503,376	6,440,847	6,220,989	4,305,919	4,222,661	66,577,031
4. Duct System Testing & Repair Program	228,676	208,907	336,446	259,963	316,563	264,530	324,702	314,344	283,605	298,949	358,116	329,333	3,524,131
5. Residential Air Conditioning Program	910,251	904,634	914,873	1,060,622	1,580,624	1,538,141	1,588,901	1,283,537	1,311,355	1,360,186	1,274,871	956,594	14,684,588
6. *GS Load Management ("Business On Call")*	*123,816*	*135,862*	*172,891*	55,980	230,230	215,429	212,008	208,036	206,011	204,138	114,198	107,552	1,986,150
7. Cogeneration & Small Power Production	230,025	95,901	576,525	209,888	295,141	194,851	20,339	792,378	324,761	568,417	969,322	69,255	4,346,801
8. Commercial/Industrial Efficient Lighting	61,071	116,877	52,096	98,717	143,776	41,404	78,829	142,317	44,710	65,407	33,082	118,308	996,593
9. Commercial/Industrial Load Control	2,841,982	2,155,309	2,188,047	2,329,571	2,753,008	2,252,106	2,574,316	2,654,585	2,692,539	2,613,845	2,499,312	2,344,548	29,899,167
10. Business Energy Evaluation	76,602	85,982	131,260	167,030	162,982	149,157	174,300	162,042	986,060	1,311,943	225,643	460,001	4,093,005
11. C/I Heating, Ventilating & A/C Program	421,816	108,358	273,039	*405,972*	*504,098*	*469,853*	*565,061*	*176,631*	*227,397*	*847,177*	279,269	476,574	4,755,045
12. C/I Off Peak Battery Charging Program	4,480	964	1,390	1,008	872	4,584	4,992	1,124	598	491	665	4,684	25,851
13. Business Custom Incentive Program	158	240,000	2,131	81				24	41	32	41	74	242,583
14. C/I Building Envelope Program	149,751	130,149	226,017	713,212	566,951	197,416	133,424	183,268	259,763	173,181	284,454	314,678	3,332,265
15. Res. Thermal Energy Storage Research Proj.											-	-	
16. Cool Communities Research Project					636	43,589	658				-	-	*44,884*
17. Res. Heat Pump Water Heating Research Proj.	14										-	-	14
18. Conservation Research & Development Program	14,832		(23)	14,760		8,089					-	-	37,658
19. Natural Gas End-Use Technology R&D Project	113	815	3,793			50,228	83,497		30,801	3,464	-	-	152,711
20. *C/I Daylight Dimming Research Project*	*56*	*19,207*				25,539			95	7	-	145	45,049
21. C/I New Construction Research Project	56	57	33	19	102		268,335			(50)	-	113,883	382,434
22. Marketing Conservation Research & Dev.		8,100		18,204	20,275	20,761	37	3	26,960		49,500	127,850	271,691
23. BuildSmart Program	84,541	122,642	137,028	110,794	97,348	115,659	119,382	196,805	68,392	157,777	93,131	176,025	1,461,504
24. Green Pricing Research & Development Proj.			296	268	3,228	10,277	1,863	28			-	38,350	54,310
25. C/I Solar Desiccant Research Project	56	12,702				*15,450*	*357*		*1,356*		-	-	29,922
26. Common Expenses	816,616	896,556	1,373,393	884,607	857,193	901,270	823,622	1,063,067	749,722	764,424	754,353	1,173,309	11,058,132
27. Total All Programs	$ 10,897,674	$ 10,109,390	$ 11,249,783	$ 13,118,462	$ 14,514,961	$ 16,095,503	$ 14,129,161	$ 14,973,781	$ 14,630,231	$ 15,820,510	$ 11,971,067	$ 12,007,572	$ 159,518,093
28. LESS: Included in Base Rates	89,565	83,072	82,473	159,916	87,147	85,995	91,365	90,797	133,655	79,631	74,798	83,520	1,141,934
29. Recoverable Conservation Expenses	$ 10,808,109	$ 10,026,318	$ 11,167,310	$ 12,958,546	$ 14,427,814	$ 16,009,508	$ 14,037,796	$ 14,882,984	$ 14,496,577	$ 15,740,879	$ 11,896,269	$ 11,924,052	$ 158,376,160

Totals may not add due to rounding

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FLORIDA POWER & LIGHT COMPANY
CONSERVATION TRUE-UP & INTEREST CALCULATION
JANUARY THROUGH DECEMBER 1999

	ACTUALS JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION PROGRAM REVENUES													
1. a. RESIDENTIAL LOAD CONTROL CREDIT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
b. C/I - PENALTIES	0	0	0	0	0	0	0	0	0	0	0	0	0
c. BUILDSMART PROGRAM REVENUES	5,500	6,450	5,300	5,900	4,625	6,825	10,350	11,225	6,400	4,825	8,375	4,500	80,275
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	13,287,567	11,693,583	11,461,811	12,478,371	13,653,910	14,824,727	15,848,807	17,516,456	17,156,084	15,383,927	13,053,344	12,709,596	169,068,182
3. TOTAL REVENUES	13,293,067	11,700,033	11,467,111	12,484,271	13,658,535	14,831,552	15,859,157	17,527,681	17,162,484	15,388,752	13,061,719	12,714,096	169,148,457
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(2,025,105)
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	13,124,308	11,531,274	11,298,352	12,315,512	13,489,776	14,662,793	15,690,398	17,358,922	16,993,725	15,219,993	12,892,960	12,545,337	167,123,352
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 33)	10,808,109	10,026,318	11,167,310	12,958,546	14,427,814	16,009,507	14,037,796	14,882,984	14,496,577	15,740,879	11,896,268	11,924,051	158,376,160
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	2,316,199	1,504,957	131,042	(643,034)	(938,038)	(1,346,714)	1,652,603	2,475,939	2,497,149	(520,886)	996,692	621,286	8,747,192
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line C10)	17,441	25,791	30,083	29,698	27,225	24,026	26,095	36,598	49,212	54,446	57,815	64,224	442,654
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	(2,025,105)	477,294	2,176,800	2,506,684	2,062,107	1,320,053	166,124	2,013,580	4,694,875	7,409,994	7,112,313	8,335,579	(2,025,105)
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	168,759	168,759	168,759	168,759	168,759	168,759	168,759	168,759	168,759	168,759	168,759	168,759	2,025,105
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)	$5,570,789	$7,270,295	$7,600,179	$7,155,602	$6,413,548	$5,259,619	$7,107,075	$9,788,370	$12,503,489	$12,205,808	$13,429,074	$14,283,341	$14,283,341

NOTES: ( ) Reflects Underrecovery

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FLORIDA POWER & LIGHT COMPANY
CONSERVATION TRUE-UP & INTEREST CALCULATION
JANUARY THROUGH DECEMBER 1999

	ACTUALS												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	$3,068,390	$5,570,789	$7,270,295	$7,600,179	$7,155,602	$6,413,548	$5,259,619	$7,107,075	$9,788,370	$12,503,489	$12,205,808	$13,429,074	$97,372,238
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	5,553,348	7,244,504	7,570,096	7,125,904	6,386,323	5,235,593	7,080,980	9,751,772	12,454,277	12,151,362	13,371,259	14,219,119	108,144,537
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	$8,621,738	$12,815,293	$14,840,391	$14,726,083	$13,541,925	$11,649,141	$12,340,599	$16,858,847	$22,242,647	$24,654,851	$25,577,067	$27,648,193	$205,516,775
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	$4,310,869	$6,407,647	$7,420,196	$7,363,042	$6,770,963	$5,824,571	$6,170,300	$8,429,424	$11,121,324	$12,327,426	$12,788,534	$13,824,097	$102,758,388
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	4.90000%	4.81000%	4.85000%	4.88000%	4.80000%	4.85000%	5.05000%	5.10000%	5.32000%	5.30000%	5.30000%	5.55000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	4.81000%	4.85000%	4.88000%	4.80000%	4.85000%	5.05000%	5.10000%	5.32000%	5.30000%	5.30000%	5.55000%	5.60000%	N/A
7. TOTAL (Line C5+C6)	9.71000%	9.66000%	9.73000%	9.68000%	9.65000%	9.90000%	10.15000%	10.42000%	10.62000%	10.60000%	10.85000%	11.15000%	N/A
8. AVERAGE INTEREST RATE (50% of Line C7)	4.85500%	4.83000%	4.86500%	4.84000%	4.82500%	4.95000%	5.07500%	5.21000%	5.31000%	5.30000%	5.42500%	5.57500%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.40458%	0.40250%	0.40542%	0.40333%	0.40208%	0.41250%	0.42292%	0.43417%	0.44250%	0.44167%	0.45208%	0.46458%	N/A
10. INTEREST PROVISION FOR THE MONTH (Line C4 x C9)	$17,441	$25,791	$30,083	$29,698	$27,225	$24,026	$26,095	$36,598	$49,212	$54,446	$57,815	$64,224	$442,654

NOTES: ( ) Reflects Underrecovery
N/A = Not Applicable

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FLORIDA POWER & LIGHT COMPANY
Schedule of Capital Investment, Depreciation and Return
Residential Load Management ("On Call")
For the Period January through December 1999

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Investments (Net of Retirements)		$298,669	$617,938	$1,309,072	$788,327	$748,787	$963,428	($21,340,221)	$542,244	$974,889	$1,148,286	$708,815	$1,185,734	($15,116,868)	1.
2.	Depreciation Base		82,163,731	82,781,669	84,090,741	84,859,068	85,607,855	86,571,283	65,231,062	65,773,306	66,748,195	67,896,480	68,605,295	69,791,029	n/a	2.
3.	Depreciation Expense (a)		1,377,760	1,388,938	1,414,487	1,421,755	1,433,072	1,456,388	1,082,022	1,091,321	1,132,139	1,158,441	1,146,019	1,201,143	15,303,484	3.
4.	Cumulative Investment (Line 2)	$81,885,062	82,163,731	82,781,669	84,090,741	84,859,068	85,607,855	86,571,283	65,231,062	65,773,306	66,748,195	67,896,480	68,605,295	69,791,029	n/a	4.
5.	Less: Accumulated Depreciation	46,886,168	48,263,868	49,600,195	51,057,185	52,437,251	53,869,778	55,326,167	34,526,161	35,617,409	36,770,155	37,981,206	39,074,616	40,275,758	n/a	5.
6.	*Net Investment (Line 4 - 5)*	$34,978,895	$33,899,863	$33,181,475	$33,033,557	$32,421,818	$31,738,077	$31,245,117	$30,704,901	$30,155,897	$29,978,040	$29,915,274	$29,530,679	$29,515,271		6.
7.	Average Net Investment		34,439,379	33,540,669	33,107,516	32,727,687	32,079,947	31,491,597	30,975,009	30,430,399	30,066,969	29,946,657	29,722,976	29,522,975	n/a	7.
8.	Return on Average Net Investment)															8.
	a. Equity Component (b)		141,359	137,670	135,893	129,280	122,332	120,088	118,118	116,041	114,655	114,197	113,344	112,581		
	b. Equity Comp. grossed up for taxes		230,133	224,128	221,233	210,468	199,156	195,503	192,296	188,915	186,659	185,912	184,524	183,282	2,402,210	
	c. Debt Component (Line 7 * 4.3642% /12)		125,250	121,982	120,407	119,025	116,669	114,530	112,651	110,670	109,349	108,911	108,098	107,370	1,374,911	
9.	Total Return Requirements (Line 8b + 8c)		355,383	346,110	341,640	329,493	315,825	310,033	304,947	299,586	296,008	294,823	292,621	290,652	3,777,121	9.
10.	Total Depreciation & Return (Line 3 + 9)		$1,733,144	$1,735,048	1,756,127	$1,751,248	$1,748,897	$1,766,421	$1,386,969	$1,390,907	$1,428,146	$1,453,264	$1,438,640	$1,491,795	$19,080,605	10.

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

(b) For January through March 1999 the Equity Component is 4.9255% based on a Return on Equity (ROE) of 12.0% per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.
For April 1999 the Equity Component is 4.7402% based on a weighted average ROE of 11.47%.
For May through December 1999 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.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS

Residential On Call Program 4 (94%)	Depreciation	1,295,094	1,305,602	1,329,618	1,336,449	1,347,068	1,369,005	1,017,101	1,025,842	1,064,210	1,088,935	1,077,257	1,128,074	14,365,275
	Return	334,060	325,343	321,141	309,723	296,876	291,431	286,650	281,611	278,247	277,134	275,064	273,213	3,550,494
	Total	1,629,155	1,630,945	1,650,759	1,646,173	1,643,964	1,660,436	1,303,751	1,307,452	1,342,458	1,366,069	1,352,321	1,402,287	17,935,769
Business on Call Program 7 (6%)	Depreciation	82,666	83,336	84,869	85,305	85,984	87,383	64,921	65,479	67,928	69,506	68,761	72,069	918,209
	Return	21,323	20,767	20,498	19,770	18,950	18,602	18,297	17,975	17,760	17,689	17,557	17,439	226,627
	Total	103,989	104,103	105,368	105,075	104,934	105,985	83,218	83,454	85,689	87,196	86,318	89,508	1,144,836
Total	*Depreciation*	1,377,760	1,388,938	1,414,487	1,421,755	1,433,072	1,456,388	1,082,022	1,091,321	1,132,139	1,158,441	1,146,019	1,201,143	15,303,484
	Return	355,383	346,110	341,640	329,493	315,825	310,033	304,947	299,586	296,008	294,823	292,621	290,652	3,777,121
	Total	1,733,144	1,735,048	1,756,127	1,751,248	1,748,897	1,766,421	1,386,969	1,390,907	1,428,146	1,453,264	1,438,640	1,491,795	19,080,605

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FLORIDA POWER & LIGHT COMPANY
Schedule of Capital Investment, Depreciation and Return
ECCR Common
For the Period January through December 1999

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Investment (Net of Retirements)		($60,000)	$60,000	$650,366	$3,511	$269	$0	($33,771)	$0	$1,852	$41,000	$3,177	$0	$666,403	1.
2.	Depreciation Base		8,769,196	8,829,196	9,479,562	9,483,072	9,483,341	9,483,341	9,449,570	9,449,570	9,451,422	9,492,422	9,495,599	9,495,599	n/a	2.
3.	Depreciation Expense (a)		146,042	147,042	162,801	152,079	152,002	151,893	151,430	151,430	151,569	154,862	152,079	151,814	1,825,146	3.
4.	Cumulative Investment (Line 2)	$8,829,196	8,769,196	8,829,196	9,479,562	9,483,072	9,483,341	9,483,341	9,449,570	9,449,570	9,451,422	9,492,422	9,495,599	9,495,599	n/a	4.
5.	Less: Accumulated Depreciation	4,395,765	4,541,807	4,688,848	4,851,651	5,003,730	5,155,732	5,307,725	5,425,384	5,576,814	5,728,384	5,883,246	6,035,325	6,187,139	n/a	5.
6.	Net Investment (Line 4 - 5)	$4,433,431	$4,227,389	$4,140,346	$4,627,911	$4,479,343	$4,327,609	$4,175,616	$4,024,186	$3,872,756	$3,723,039	$3,609,176	$3,460,274	$3,308,460		6.
7.	Average Net Investment		$4,330,410	$4,183,867	$4,384,129	$4,553,627	$4,403,476	$4,251,613	$4,099,901	$3,948,471	$3,797,897	$3,666,108	$3,534,725	$3,384,367	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		17,775	17,173	17,995	17,988	16,792	16,213	15,634	15,057	14,483	13,980	13,479	12,906	189,474	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		28,937	27,958	29,296	29,284	27,337	26,394	25,453	24,513	23,578	22,760	21,944	21,011	308,463	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		15,749	15,216	15,944	16,561	16,015	15,462	14,911	14,360	13,812	13,333	12,855	12,308	176,527	8c.
9.	Total Return Requirements (Line 8b + 8c)		44,686	43,174	45,240	45,845	43,352	41,857	40,363	38,872	37,390	36,093	34,799	33,319	484,990	9.
10.	Total Depreciation & Return (Line 3 + 9)		$190,728	$190,216	$208,042	$197,923	$195,354	$193,850	$191,794	$190,303	$188,959	$190,955	$186,878	$185,133	$2,310,136	10.

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

(b) For January through March 1999 the Equity Component is 4.9255% based on a Return on Equity (ROE) of 12.0% per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.
For April 1999 the Equity Component is 4.7402% based on a weighted average ROE of 11.47%.

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FLORIDA POWER & LIGHT COMPANY
Schedule of Capital Investment, Depreciation and Return
Monitoring Equipment
For the Period January through December 1999

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	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		999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	n/a	2.
3.	Depreciation Expense (a)		16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	199,832	3.
4.	Cumulative Investment (Line 2)	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	n/a	4.
5.	Less: Accumulated Depreciation (c)	691,152	707,804	724,457	741,110	757,762	774,415	791,068	807,720	824,373	841,026	857,678	874,331	890,984	n/a	5.
6.	Net Investment (Line 4 - 5)	$308,007	$291,354	$274,702	$258,049	$241,396	$224,744	$208,091	$191,439	$174,786	$158,133	$141,481	$124,828	$108,175		6.
7.	Average Net Investment		$299,681	$283,028	$266,375	$249,723	$233,070	$216,417	$199,765	$183,112	$166,460	$149,807	$133,154	$116,502	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		1,230	1,162	1,093	986	889	825	762	698	635	571	508	444	9,804	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		2,003	1,891	1,780	1,606	1,447	1,344	1,240	1,137	1,033	930	827	723	15,960	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		1,090	1,029	969	908	848	787	727	666	605	545	484	424	9,082	8c.
9.	Total Return Requirements (Line 8b + 8c)		3,092	2,921	2,749	2,514	2,295	2,131	1,967	1,803	1,639	1,475	1,311	1,147	25,042	9.
10.	Total Depreciation & Return (Line 3 + 9)		$19,745	$19,573	$19,401	$19,167	$18,947	$18,783	$18,619	$18,455	$18,291	$18,127	$17,964	$17,800	$224,874	10.

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

(b) For January through March 1999 the Equity Component is 4.9255% based on a Return on Equity (ROE) of 12.0% per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.
For April 1999 the Equity Component is 4.7402% based on a weighted average ROE of 11.47%.
For May through December 1999 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.

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Exhibit No. _____
Florida Power & Light Co.
Schedule CT-5
Page 1 of 1

Reconciliation and Explanation of

Differences between Filing and FPSC Audit

Reports for Months: January 1999 through December 1999

The audit has not been completed as of the date of this filing.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Conservation Service

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 Accomplishments for January through December 1999: During this period 35,054 energy audits were completed. The estimate for this period was 47,941 energy audits.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $9,274,748 or $553,958 more than projected. This program is deemed on target with a less than six-percent variance.

Program Progress Summary: Program inception to date, 1,500,437 energy audits have been completed.

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 Accomplishments for January through December 1999: During this period 16,572 installations were completed. The estimate for this period was 13,963 installations.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $2,261,828 or $101,424 less than projected. This program is deemed on target with a less than five-percent variance.

Program Progress Summary: Program inception to date, 626,989 installations have been completed.

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 Accomplishments for January through December 1999: Installation of equipment at fourteen additional substations and 41,016 customer installations were completed during this period. The estimate for the period was 42,688 customer installations.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $66,577,031 or $852,505 more than projected. This program is deemed on target with a one-percent variance.

Program Progress Summary: Program inception to date, installation of equipment at 342 substations has been completed, and there are 615,346 active installations in customers' homes.

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 Accomplishments for January through December 1999: During this period 13,571 installations were completed. The estimate for this period was 20,920 installations.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $3,524,131 or $730,445 less than projected due to fewer installations than anticipated.

Program Progress Summary: Program inception to date, 256,463 installations have been completed.

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 Accomplishments for January through December 1999: During this period 69,920 installations were completed. The estimate for this period was 65,637 installations.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $14,664,588 or $1,173,093 less than projected due to the average incentive cost per installation being lower than anticipated.

Program Progress Summary: Program inception to date, 493,693 installations have been completed.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: General Service Load Management Program ("Business On Call")

Program Description: This program is designed to offer voluntary load control of central air conditioning to customers in the GS-1 rate class.

Program Accomplishments for January through December 1999: During this period 1,951 installations were completed. The estimate for this period was 1,840 installations.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $1,986,150 or $246,667 more than projected due to more installations than anticipated.

Program Progress Summary: Program inception to date, total reduction is 13.5 MW and 11,232 installations.

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 Accomplishments for January through December 1999: FPL received 802 MW of firm capacity at time of system peak and 6,340 GWh of purchase power. Eight firm and seven as-available power producers participated. The estimate for the period was expected to include 885.6 MW of firm capacity at time of system peak and 6,327.1 GWh of purchase power.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $4,346,801 or $1,847,069 more than projected due to higher than anticipated legal costs.

Program Progress Summary: Total MW under contract (facility size) is 885.6 MW of which 885.6 MW is committed capacity.

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 Accomplishments for January through December 1999: During this period total reduction was 6,368.4 kW. The estimate for this period was 5,775.8 kW.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $996,593 or $15,407 more than projected. This program is deemed on target with a less than two-percent variance.

Program Progress Summary: Program to date, total reduction is 199,325 kW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Commercial/Industrial Load Control

Program Description: A program designed to offer voluntary load control to commercial/industrial customers with a controllable load of 200 kW or more.

Program accomplishments for January through December 1999: During this period the demand reduction capability from program participants was a total of 437.6 MW at the generator. The target reduction for the period was 432 MW at the generator.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $29,899,167 or $1,700,974 more than projected. This program is deemed on target with a less than six-percent variance.

Program Progress Summary: Program to date, participation in this program totals 437.6 MW at the generator. As requested in Docket No. 881106-EI, Order No. PSC-92-0687-FOF-EI, Page 10 of 28 lists the customers that transferred from CILC rate to a firm rate during this period.

Customers that transferred from C/I Load Control Rate to a Firm Rate

During the Period: January through December 1999

Customer Name	Effective Date	Firm Rate	Remarks
Customer No. 1	7/8/99	GSLD-1	Customer requested to exit CILC Rate due to heavy production schedules vs limited emergency generator.
Customer No. 2	7/6/99	GSLD-2	Customer requested to exit CILC Rate due to tenant dissatisfaction during load control periods on loads that are not backed up by emergency generators.
Customer No. 3	7/12/99	GSLD-2	Customer requested to exit CILC Rate due to the effects on their operation without emergency generators.
Customer No. 4	7/20/99	GSLD-1	Customer requested to exit CILC Rate due to heavy production schedules.
Customer No. 5	7/14/99	GSLDT-1	Customer requested to exit CILC Rate due to impact on their Testing processes and contract schedules.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Energy Evaluation

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

Program Accomplishments for January through December 1999: During this period 5,415 energy evaluations were completed. The estimate for this period was 5,483 energy evaluations.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $4,093,005 or $1,483,569 more than projected due to underestimating advertising expenses in the projection.

Program Progress Summary: Program inception to date, 49,440 energy evaluations have been completed.

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, ventilating and air conditioning (HVAC) systems.

Program accomplishments for January through December 1999: During this period total demand reduction was18,614 kW. The estimate for this period was 16,400 kW.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $4,755,045 or $15,740 less than projected. This program is deemed on target with a less than one-percent variance.

Program Progress Summary: Program inception to date, total reduction is 140,926 kW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: C/I Off Peak Battery Charging Program

Program Description: The objective of this program is to reduce the current coincident peak demand and the future growth of coincident peak demand by shifting the coincident kW load due to battery charging.

Program accomplishments for January through December 1999: During this period program total reduction was 204.6 kW. The estimate for the period was 193.5 kW.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $25,851 or $1,248 less than projected. This program is deemed on target with a less than five-percent variance.

Program Progress Summary: Program inception to date, total reduction is 3,086 kW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: C/I Business Custom Incentive

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, which reduce electric demand or shift electric demand from the summer peak.

Program accomplishments for January through December 1999: During this period program accomplishments included evaluating five projects. The Tri-Gas project is in progress and will be reported when complete.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $242,583 or $254,948 less than projected due timing of incentive payment in connection with the Tri-Gas project.

Program Progress Summary: Program inception to date, 63 projects have been reviewed for eligibility and cost-effectiveness.

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 portion of their building's envelope, in order to reduce HVAC energy consumption and demand.

Program accomplishments for January through December 1999: During this period total reduction was 6,402 kW. The estimate for the period was 6,571 kW.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $3,332,265 or $531,987 less than projected due to fewer installations and the average incentive cost per installation being lower than anticipated.

Program Progress Summary: Program inception to date, total reduction is 20,023 kW.

PROGRAM DESCRIPTION AND PROGRESS

Project Title: Residential Thermal Energy Storage Research Project

Project Description: A research project to determine feasibility of a program to offer incentives to residential customers to cool their homes with thermal energy storage.

Project Accomplishments for January through December 1999: Research has shown that this technology does not have sufficient support to develop a market ready consumer viable product, therefore, the project is being proposed to be terminated.

Project Fiscal Expenditures for January through December 1999: There were no project expenditures incurred resulting in a variance of $4,165 less than anticipated.

Project Progress Summary: No significant development of the technology has occurred, this project is being proposed to be terminated.

PROGRAM DESCRIPTION AND PROGRESS

Project Title: Cool Communities Research Project

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

Project accomplishments for January through December 1999: During this period program accomplishments included data gathering, statistical regression, analysis of energy savings from light color roofs and tree shading, shade intensity diagrams and economic evaluation.

Project Fiscal Expenditures for January through December 1999: Total expenditures were $44,884 or $41,664 less than projected due to delays in several deliverables due to reorganization of the consulting company and illness of the primary research consultant.

Project Progress Summary: FPL is expecting a final analysis report in the second quarter of 2000, of Phases I and II of the research contract with Navigant, Inc. (formerly Resource Management International, Inc.). FPL has begun Phase II with a metered study of six identical Habitat for Humanity homes with different roof types in a side-by-side comparison schedule for summer 2000.

PROGRAM DESCRIPTION AND PROGRESS

Project Title: Residential Heat Pump Water Heating Research Project (HPWH)

Project Description: This research project is intended to evaluate improvements to HPWH technology and equipment, its application, installation costs, customer acceptance as well as demand and energy savings.

Project accomplishments for January through December 1999: Project has been completed.

Project Fiscal Expenditures for January through December 1999: Total expenditures were $14 or $4,165 less than anticipated.

Project Progress Summary: Project has been completed.

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 Accomplishments for January through December 1999: This period included the continuation of technology assessment of products/concepts for potential DSM opportunities. (See supplement for current concepts).

Program Fiscal Expenditures for January through December 1999: Total expenditures were $37,658 or $81,901 less than projected due to not initiating projects, pending the outcome of the C/I New Construction project.

Program Progress Summary: Program development is proceeding. Concepts have been identified and work is underway to select specific technologies for further evaluation.

Supplement to Schedule CT-6
Conservation Research & Development (CRD) Activities

Technology Assessment	Description	Status
Desiccant Enhanced Air Conditioning	Conduct field testing and meet with air conditioning manufacturers to commercialize.	Looking for commercial partners. Waiting for results of FPL's solar-enhanced Desiccant A/C project.
HVAC Enhancements	Study the demand and energy impact impact of uncontrolled air-flow in commercial buildings. Evaluate the demand and energy impact of new HVAC technologies.	Identification of technologies underway.
Residential Building. Envelope Technologies	Further investigation into reflective roof coating for demand and other insulating materials for demand and energy impacts will be conducted.	Identification of technologies underway.
Appliance Technologies	Evaluate appliance technologies such as front-load washing machines, refrigerators, ceiling fans and microwave clothes dryers for demand and energy impacts.	Identification of technologies underway.
UV-Filtration	Evaluate the potential demand and energy impacts for reducing make up air for commercial buildings by utilizing UV Filtration.	Research needs being considered.
Energy Management Technologies	Evaluate the demand and energy impacts of energy management systems in varying degrees of sophistication from manual controls to integrated home energy systems.	Identification of technologies underway.

PROGRAM DESCRIPTION AND PROGRESS

Project Title: Natural Gas End-Use Technology Research & Development Program

Project Description: A research and development project designed to determine Florida-specific operating characteristics of natural gas end-use technologies; Residential Gas Heat Pump, C/I Gas Engine Chiller, C/I Gas DX HVAC, Residential Gas Water Heating, and C/I Gas Desiccant.

Project accomplishments for January through December 1999: During this period accomplishments included final reports for each technology, C/I Gas Desiccant - filed December 1998, Residential Gas Heat Pump – filed June 1999, Gas Engine-Driven Chiller - filed January 2000, Residential Gas Water Heating - filed June 1999, and C/I Gas DX HVAC - terminated May 1997.

Project Fiscal Expenditures for January through December 1999: Total expenditures were $152,711 or $34,265 more than projected due to timing of expenditures.

Project Progress Summary: The total approved budget for this project was $1,920,000 and actual expenses were $355,525. The variance was due to using many existing gas sites rather than installing gas equipment at new sites.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: C/I Daylight Dimming Research Project

Program Description: A research and development project designed to assess the viability and feasibility of daylight dimming technology; compare the demand and energy reductions and cost differentials of daylight dimming systems to conventional lighting systems; discover and overcome potential barriers for the technology; quantify the cost effectiveness of the technology; test acceptance of the technology with architectural and engineering consultants; qualitatively assess customer acceptance of the technology; and conduct market research to determine target markets and expected penetrations.

Program Accomplishments for the period January through December 1999: During this period, new lamps, ballasts and dimming equipment were installed in two office buildings, one in the north part of the state and one in the south part. Both sites have been monitored for the base line, and the dimming equipment was activated for field monitoring.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $45,049 or $71,449 less than projected due to contract expenditures lower than anticipated. This project is complete.

Program Progress Summary: The results of this project indicate that, although the technology is effective at reducing demand and consumption under certain circumstances, it would not necessarily be accepted by customers and would not be cost-effective as a DSM program. This project is complete and a final report is expected to be submitted in the second quarter of 2000.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: C/I New Construction Research Project

Program Description: The objective of this project is to identify cost-effective conservation opportunities in the commercial/industrial new construction market which would provide efficiencies beyond that required by the Florida Energy Efficiency Code.

Program Accomplishments for the period January through December 1999: During this period project accomplishments in Phase I included a literature search and the development of a baseline database from Energy Code Data. Trade Ally Surveys have been developed and data gathered. Phase II and III were initiated.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $382,434 or $374,643 less than projected due to timing of invoice payments.

Program Progress Summary: Phases II and III are on schedule. Model development for Phase II was completed in early 2000. Phase III meters have been installed and monitoring is underway.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Marketing Conservation Research & Development Program

Program Description: The objective of this program is to allow FPL, through an umbrella effort not requiring costly and time consuming research projects, to test alternative market strategies and communications efforts on existing DSM Program.

Program Accomplishments for the period January through December 1999: During this period, FPL completed an analysis of the On Call customer satisfaction research that was fielded in 1998. This research provides a more complete understanding of customer dropouts and customer satisfaction for the residential load control program when the program is activated.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $271,691 or $248,654 less than projected due to delays in starting new research projects.

Program Progress Summary: This research project has been completed.

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 load and customer energy consumption.

Program Accomplishments for the period January through December 1999: During this period program accomplishments included 308 homes. The estimate for this period was 302 homes

Program Fiscal Expenditures for January through December 1999: Total expenditures (net of revenues) were $1,381,229 or $116,364 more than projected. This program is deemed on target with an eight-percent variance.

Program Progress Summary: Program inception to date, total reduction is 540.2 kW and 566 homes.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Green Pricing Research & Development Project

Program Description: The objective of this project is to test FPL customer response to a Green Pricing initiative. FPL will solicit contributions from customers to be used to purchase, install, maintain and operate photovoltaic (PV) modules on FPL's system.

Program Accomplishments for the period January through December 1999: During this period a photovoltaic (PV) system was constructed at FPL's Martin power plant site.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $54,310 or $38,378 more than projected due to timing of expenditures.

Program Progress Summary: Customer contributions for this project have been in excess of $89,000, and a 10.1 kW (dc) PV system was constructed at FPL's Martin power plant site. Final report was submitted to the FPSC in January 2000. In an attempt to determine the customer acceptance of green pricing rates, FPL has proposed a Green Energy Project.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: C/I Solar Desiccant Research Project

Program Description: The objective of this project is to research the potential demand and energy savings associated with, and the cost-effectiveness of a hybrid solar desiccant dehumidification system combined with a traditional cooling system.

Program Accomplishments for the period January through December 1999: During this period program accomplishments included completion of the research and preparation of the final report.

Program Fiscal Expenditures for January through December 1999: Total expenditures were $29,922 or $26,440 less than projected due to projected due to contract expenditures lower than anticipated. This project is complete.

Program Progress Summary: The research is complete and a final report was submitted in the first quarter of 2000.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Common Expenses

Program Description: Expenses common to all programs.

Program Accomplishments: N/A

Program Fiscal Expenditures for January through December 1999: Total expenditures were $11,058,132 or $1,183,789 less than projected due to overestimating outside service expenses.

Program Progress Summary: N/A

APPENDIX A

baber/silverstein & partners
3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

TV COPY

AS RECORDED

CLIENT: FPL
TITLE: Salon 2000 - Savings
PRODUCT: C/I TV

BOB:	Hi, I'm Bob from FPL-here with Lynn Proper at Salon 2000.
LYNN:	Hi Bob.
BOB:	What are some of the challenges you faced here opening your own business?
LYNN:	The cooling of the salon. The salon was very hot- I called FPL and I asked them if they'd come out and take a look at the Salon.
BOB:	What did FPL suggest?
LYNN:	They said that the lights had to be changed.
BOB:	What kind of results did you see?
LYNN:	Monthly I save 20% on my cooling costs – Yearly I save $775 dollars.
ANNCR:	Call (1-800-FPL-5566) for a free business energy evaluation.
BOB:	I don't have a very famous face, but my hand is on camera a lot.
LYNN:	You need a manicure.
BOB:	I do?
LYNN:	Yes, you do.

Salon 2000

The lighting retrofit savings for Salon 2000 was calculated as follows:

1 Old [redacted]
2 New

3 Difference: [redacted]
4

5 [redacted]

6 *Salon 2000's average bill prior to the retrofit was [redacted] kwh/month or [redacted] After
7 the retrofit, comparable months' bills have averaged [redacted] an average monthly
8 savings of [redacted]

9 This [redacted] represents a 20% savings.

*See Page 1-C

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1
1a
2
3

[redacted]

SVC Date	kwh (A)	Bill Amt (B)
6/12/98		
5/13/98		
4/14/98		
3/16/98		
2/12/98		
1/13/98		
12/11/97		
11/10/97		
10/10/97		
9/10/97		
8/11/97		
7/11/97		
6/11/97		
5/12/97		
4/11/97		
3/13/97		
2/11/97		
1/10/97		

Comparable months average bill post retrofit [redacted] (1) 4

Average bill prior to lighting retrofit [redacted] (2) 5

Average monthly bill savings - $ [redacted] 6

Average monthly bill savings - % of bill prior to retrofit 20% (3)/(2)

Cedar Universal Partners
3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

TV COPY

AS RECORDED

CLIENT: FPL
TITLE: El Dorado Furniture - Savings
PRODUCT: C/I TV

BOB: Hi, I'm Bob from FPL -- we're here with Pedro Capo at El Dorado Furniture Boulevard.

PEDRO: Hi Bob.

BOB: What are your main concerns with energy issues?

PEDRO: Being such a big store-we have 60,000 square feet of showroom-efficiency was definitely one of the key issues here. We actually have done some retrofitting with the lighting system in all of our stores, and FPL came in and gave all they had to offer as far as savings is concerned. In this particular building, I can tell you because of the efficiency of the A/C units we have about $1200 of savings a month.

ANNCR: Call (1-800-FPL-5566) for a free business energy evaluation.

BOB: Any other benefits?

PEDRO: Yeah, you get to be in a commercial.

RADIO COPY

CLIENT: FPL
TITLE: El Dorado Savings (LITE-3903)
PRODUCT: :60 Commercial/Industrial

BOB: Hi, I'm Bob from FPL, and we're here with Pedro Capo at El Dorado Furniture Boulevard.

PEDRO: Hi Bob, how are you?

BOB: Good. Now, what are your main concerns with energy issues?

PEDRO: Well, actually efficiency. Being such a big store in such a big place, we have 60,000 square feet of showroom, and it's 27 feet high. We have a lot of lighting. The lighting has to be perfect for the right mood, for the right piece of furniture.

BOB: Mm hmm.

PEDRO: If you don't have it right, you're not gonna sell it. And we actually have done some retrofitting with the lighting system in all of our stores, and it has given us excellent savings.

BOB: Wow.

PEDRO: A lot of money. In this particular building, I can tell you we put super high-efficiency a/c units. Because of the efficiency of the a/c unites, we have about $1,200 of savings a month.

V/O: FPL is helping businesses save big money. To find out how, call 1-800-FPL-5566 for a free Business Energy Evaluation.

BOB: Any other benefits that you see from consulting with FPL?

PEDRO: Yeah, you get to be in a commercial.

BOB: Well, that's good.

PEDRO: Call for your free Business Energy Evaluation. 1-800-FPL-5566.

El Dorado Furniture Ad
Savings are based on the combined effects of HVAC and lighting retrofits.

HVAC

1 [redacted] DX units were installed. The combined kw reduction was [redacted] The approximate monthly kwh is
2 [redacted] With operating hours of [redacted], this amounts to about [redacted] This was calculated by:

Calculation:

3 The combined reduction of kw is [redacted] kw
4 [redacted]
5
6
7 [redacted]
8
9 [redacted] savings / month for HVAC

T8 Lighting
Calculation:

10 [redacted]
11
12
13
14

Savings come from:

15 [redacted]
(excluding ballast factor) with factor savings is greater.
16 New operating lighting cost is [redacted]
17 Total savings is [redacted]

HID Lighting

18 End result = [redacted]
19
20

Savings:

21 T8 change-out [redacted]
22 HID Lighting
23 HVAC
Total combined Savings $2,589.10 per month

Although the savings worked out to be more than $2,500 a month, the customer felt comfortable in quoting a $1,200 per month savings.

beber/silverstein & partners
3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

TV COPY

AS RECORDED

CLIENT: FPL
TITLE: Augustan Wine - Savings
PRODUCT: C/I TV

BOB: Hi, I'm Bob from FPL- we're here with Proal Perry at Augustan Wine Imports.

PROAL: Hi Bob.

BOB: What were some of the changes you made when you moved here to this warehouse?

PROAL: Well, the greatest enemy to wine is heat. So I contacted FPL to do an energy evaluation. The major change was to insulate the ceiling here. The incentive they offered lowered our cost in doing the insulation job.

BOB: What kind of savings are we looking at?

PROAL: We estimated that the savings would be in the 15-20% range.

BOB: Has it worked out that way?

PROAL: It sure has.

ANNCR: Call (1-800-FPL-5566) for a free business energy evaluation.

BOB: Life is a cabernet, ol' chum.

RADIO COPY

CLIENT: FPL
TITLE: Augustan Wine Savings (LITE-3893)
PRODUCT: :60 Commercial/Industrial

BOB: Hi, I'm Bob from FPL. We're here with Proal Perry at Augustan Wine Imports.

PROAL: Hi Bob.

BOB: What were some of the changes you made when you moved here to this warehouse?

PROAL: Well, the greatest enemy to wine is heat, and its shelf-life is greatly extended if it's maintained at a proper temperature.

When we moved into the warehouse, I knew I wanted to take measures to insulate it properly, so I contacted FPL to do an energy evaluation.

BOB: Mm hmm.

PROAL: The representative from FPL made recommendations, and the major change was to insulate the ceiling here. They offered a rebate, which lowered our cost in doing the insulation job.

BOB: What kind of savings are we looking at on your cooling costs?

PROAL: We estimated that the savings would be in the 15 to 20 percent range.

BOB: And has it worked out that way?

PROAL: It sure has, and we've been very pleased with the savings.

V/O: FPL is saving small businesses big money. To find out how, call 1-800-FPL-5566 for a free Business Energy Evaluation.

BOB: But the wine's not sitting here for long?

PROAL: No, hopefully not.

BOB: Life is a cabernet, old chum.

V/O: Call for your free Business Energy Evaluation. 1-800-FPL-5566.

Augustan Wine Imports Inc.

FPL estimated the annual energy cost savings derived from this installation to be [redacted] (see Page 3-D).

At that time, the customer expected this to represent 15% to 20% of this annual energy bill.

At the time of the insulation installation the customer was new to this location, so only two months of billing history was available.

Commercial / Industrial Building Envelope Program

Roof / Ceiling Insulation Worksheet

(For Qualifying Roof / Ceiling Area Only)

Prepared For _____ Account Number [redacted] 1

Prepared By _____ Date _____

Proposed Insulation Type: (Circle One) Installation Cost ($/ Sq. Foot) [redacted] 2
Roof (Rigid Board or Slabs) / Ceiling (Blown-In / Batts / or Sprayed) A

Added R-Value 30 Final Roof System R-Value _____

Area Description ALL Qualifying Area (Sq. Feet) [redacted] 3
B

Energy Charge [redacted] $/Kwh Demand Charge NA $/Kw Incentive ($/Sq. Foot) 0.15 4
D E

Qualifying Roof / Ceiling Area		Savings Factor		Billing Charges		
Annual Kwh = [redacted] / 1000 *	B	1538 (Table One, Kwh)	*	[redacted]	1 = $ [redacted]	5 F
Summer Kwd = _____ / 1000 *	B	_____ (Table One, Summer Kwd)	*	_____ D	7 = $ NA	G
Winter Kwd = _____ / 1000 *	B	_____ (Table One, Winter Kwd)	*	_____ D	5 = $ NA	H

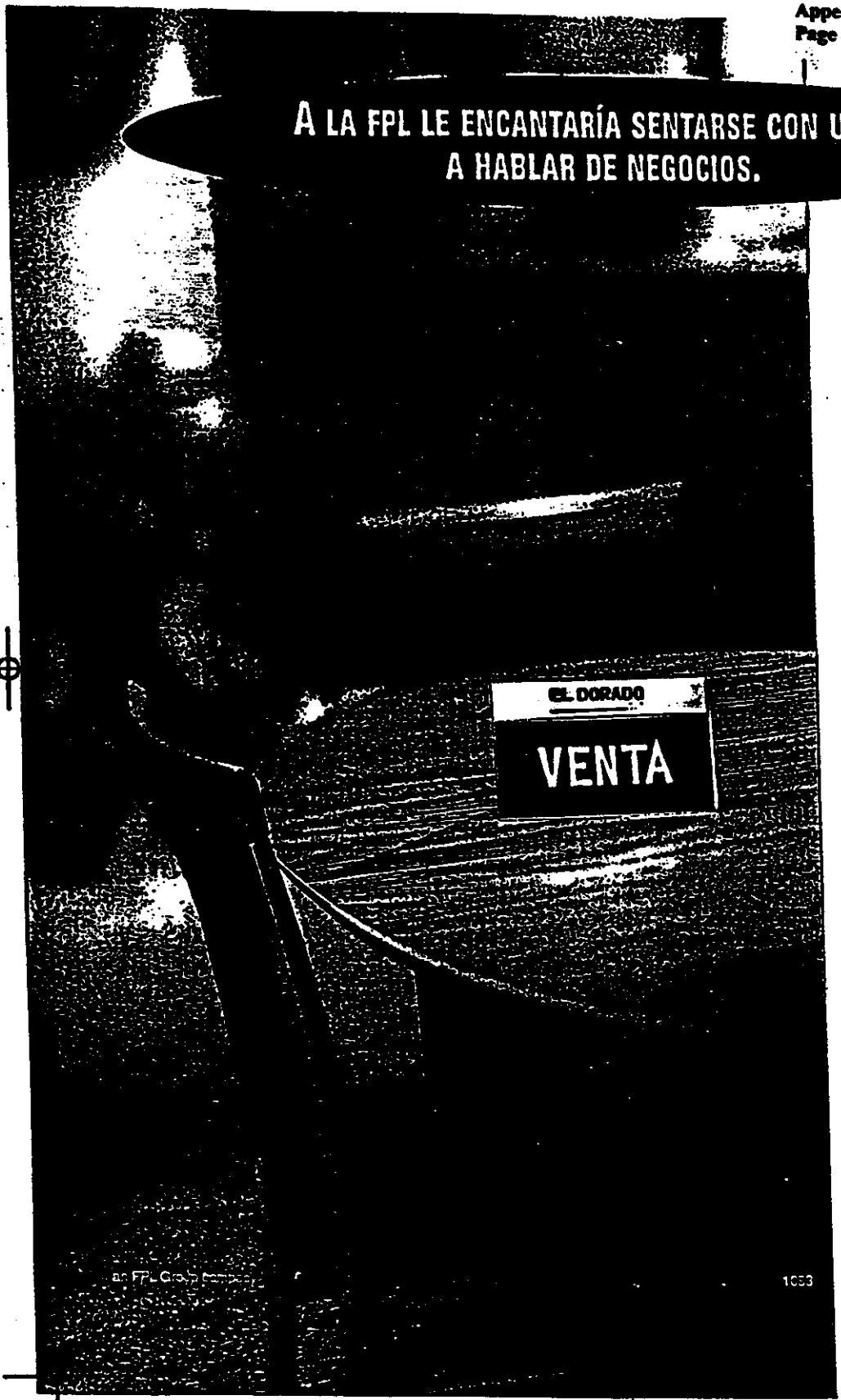
Total Annual Energy Cost Savings = $ [redacted] 6
J = (F + G + H)

Simple Payback = (Installation Cost A - Incentive E) * Total Area B / Annual Savings J = [redacted] Years 7

Table One
Average Savings Factors

		Kwh	Summer Kwd	Winter Kwd
Roof Insulation	Add R-7.0 or Greater	1141	0.925	0.154
Roof Insulation	Add R-12.0 or Greater	1457	1.171	0.197
Ceiling Insulation	Add R-11.0 or Greater	1457	1.171	0.197
Ceiling Insulation	Add R-19.0 or Greater	1538	1.241	0.207

Note: KW and kWh savings amounts stated above are estimated only. Actual demand, energy and electric cost savings may vary.
All incentive amounts will be finalized on the actual installed products and will not be confirmed until post-approval.
Savings estimates are for a "typical" customer.



Aumentar sus ganancias. Esto es lo que la FPL puede hacer para los pequeños negocios. Cómo lo hicimos con Pedro Capó, uno de los dueños de las madererías El Dorado. Evaluamos su consumo de energía y le aconsejamos invertir en un aire acondicionado central de alta eficiencia. La compra de este equipo le ahorra hoy a Pedro más de $3,000.00 mensuales. Algo que lo mantiene muy contento cuando él siente a hablar de negocios con los clientes. Llame al 1-800-FPL-5566 y una evaluación gratuita de su negoc

LA ENERGÍA PARA
MEJORAR TU NEGOCIO

FPL

www.fpl.com

El Dorado Furniture Ad
Savings are based on the combined effects of HVAC and lighting retrofits.

HVAC

[redacted] DX units were installed. The combined kw reduction was [redacted] The approximate monthly kwh is [redacted] With operating hours of [redacted], this amounts to about [redacted] This was calculated by:

Calculation:

The combined reduction of kw is [redacted] kw

[redacted]

[redacted] savings / month for HVAC

T8 Lighting

Calculation:

[redacted]

Savings come from:

[redacted]

(excluding ballast factor) with factor savings is greater.

New operating lighting cost is [redacted]

Total savings is [redacted]

HID Lighting

End result = [redacted]

[redacted]

Savings:

T8 change-out	[redacted]
HID Lighting	
HVAC	

Total combined Savings $2,589.10 per month x 12 months = $31,069.20 per year.

CLIENT	FPL
PROJECT	Business to Business, radio
LENGTH	:60
TITLE	"El Dorado", Savings, Rev. 2 (LITE-4663)
LAGUAGE	Spanish

ALBERTO	Hola, soy Alberto de la FPL visitando a Pedro Capó, uno de los dueños de las mueblerías "El Dorado". ¿Qué tal?
PEDRO	¿Qué tal, Alberto? Bienvenido a "El Dorado".
ALBERTO	Muchas gracias. ¿Qué aspecto de este negocio le gusta más?
PEDRO	Es tan lindo ver muebles nuevos, colores nuevos, los estilos, todos los tipos diferentes de madera, las pieles, y tienes que lidiar con la felicidad de la persona cuando va a amueblar su casa.
ALBERTO	Claro, satisfacer al público.
PEDRO	Exactamente.
ALBERTO	¿Tienen necesidades especiales como negocio?
PEDRO	Sí, ¡cómo no!, definitivamente. Con los aires acondicionados, con las luces, cada vez que hay un aire en las otras tiendas que se ha echado a perder, pues lo hemos reemplazado con aires acondicionados nuevos, y ahí es donde entró la FPL para ahorramos dinero.
ALBERTO	Muy bien. ¿Y cuánto dinero se ahorra mensualmente?
PEDRO	Bueno, en esta tienda cerca de $700.00 dólares mensuales. Y en el resto de la tiendas, todas juntas, mensualmente, casi $3,000.00 dólares.
ALBERTO	¿Y anualmente?
PEDRO	Alrededor de $35,000 dólares entre una cosa y otra.
ALBERTO	Ahh, Pedro, ¿le recomendaría usted a otros negocios pequeños llamar a la FPL?
PEDRO	Definitivamente.
ALBERTO	Ya saben, llamen a la FPL para que le enviemos un manual gratuito, que le enseñará a ahorrar energía. ¿Y qué piensa hacer con este dinero extra que se ahorra, Pedro?
PEDRO	Posiblemente, dárselo a mi mujer pa' que me compre un par de zapatos nuevos.
BOTH	LAUGH

El Dorado Furniture Ad
Savings are based on the combined effects of HVAC and lighting retrofits.

HVAC

[redacted] DX units were installed. The combined kw reduction was [redacted]. The approximate monthly kwh is [redacted] With operating hours of [redacted], this amounts to about [redacted] This was calculated by:

Calculation:

The combined reduction of kw is [redacted] kw

[redacted]

[redacted] savings / month for HVAC

T8 Lighting

Calculation:

[redacted]

Savings come from:

[redacted]

(excluding ballast factor) with factor savings is greater.

New operating lighting cost is [redacted]

Total savings is [redacted]

HID Lighting

End result = [redacted]

Savings:

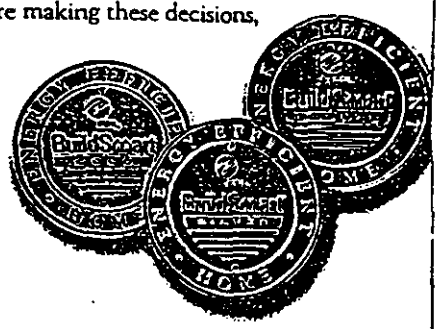
T8 change-out [redacted]
HID Lighting
HVAC

Total combined Savings $2,589.10 per month x 12 months = $31,069.20 per year.

Docket No. 000002-EG
Exhibit No. _____
Florida Power & Light Co.
(BS-1)
Appendix A
Page 6-A

Decisions. Decisions. Decisions.

You've made the most important one – to buy a new home. Now... what color will you make the roof; do you want tile, carpet or both; what about the kitchen cabinets? While you're making these decisions, it's also the best time to build energy efficiency into your home. FPL can help... with BuildSmart.



BuildSmart savings

BuildSmart is FPL's program for energy-efficient home construction. FPL inspects and rates the efficiency of homes based on the State of Florida Energy Performance Index (EPI), awarding BuildSmart gold, silver and bronze certifications to homes that are progressively more energy-efficient than the state required EPI rating of 100. The lower the EPI, the less energy your home will use. The improved rating can be achieved through a variety of a home's components, such as HVAC system, insulation, windows, water heating and more.

BuildSmart Level	EPI rating	Monthly energy savings*
Gold	70 or below	30%
Silver	80-71	20%
Bronze	90-81	10%

* *Estimated savings based on air conditioning, heating and water heating energy costs over a home built to meet the state-required efficiency code. Actual savings will vary based on the quality of materials used, number of people in the home, lifestyle, house location and weather fluctuations.*

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TV COPY

CLIENT: FPL
TITLE: "Leopard Shirt"
PRODUCT: RCS Man-On-The-Street TV

BOB:	Hi, I'm Bob from FPL.
WOMAN:	Hi Bob.
BOB:	Hey, when was the last time you felt you needed a cold shower?
WOMAN:	About an hour ago.
BOB:	Really. By wrapping your old water heater in an insulation jacket, it will maintain hot water temperature longer and may save you up to $20 a year.
WOMAN:	Will it really?
BOB:	Yeah.
WOMAN:	Everything helps.
BOB:	Yeah, you can get yourself another leopard shirt like that.
WOMAN:	That's right. Matching skirt, right?
BOB:	Oh yeah, exactly. You know for more ways to save money and energy, just call (1-800-DIAL-FPL) for a free Home Energy Survey. What else are you gonna be doing tonight?
WOMAN:	Hopefully dancing.
BOB:	Then you could really use a cold shower, right?
WOMAN:	That's right.

beber/silverstein & partners

3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

TV COPY
CLIENT: FPL
TITLE: "Company Often"
PRODUCT: RCS Man-On-The-Street TV

BOB:	Hi, I'm Bob from FPL.
WOMAN:	Hi Bob.
BOB:	Hey, when was the last time you took a cold shower?
WOMAN:	This morning.
BOB:	You did?
WOMAN:	Sure.
BOB:	You probably don't use a lot of hot water, do you?
WOMAN:	Well, when I have company, and that's quite often.
BOB:	Speaking of hot water, by wrapping your old water heater in an insulation jacket, it'll maintain hot water temperature longer and may save you up to $20 a year. You know how you can find more ways to save money and energy?
WOMAN:	How? I'd love to know.
BOB:	Just call 1-800-DIAL FPL. We'll show you ways how you can save energy and money, and stay comfortable all summer.
WOMAN:	Fantastic, I'm very interested. I thank you very much for the tip.

Domestic Hot Water Heater Tank Insulation
Potential Savings
June 10, 1998

FPL customer average annual water heating usage	=	1,660 kwh
Adding R-11 insulation to stock water heaters saves up to	=	12%
KWH savings for average customer	=	199
Savings @ $.09/kwh	=	$17.93

The $17.93 is for an average customer with an existing hot water tank. Savings for customers with larger and/or older tanks would exceed this amount.

Source of Information:

SRC Study/EPRI, 1991
FPL 1990 Home Energy Survey

DSM TECHNOLOGY: [WH–6] DHW Heater Tank Insulation

SECTOR: Residential
REGION: All Regions
PRIMARY END USE: Water Heat
UNITS: Household
DATA QUALITY: 1

Market Segment:		Single Family	Multi Family	Mobile Home	
BASE TECHNOLOGY:	WH–B1	Elec Resist Water Ht – STANDARD			
NEW	Capital ($/unit)	0	0	0	
	Installation ($/unit)	0	0	0	
	Maintenance ($/unit)	0.00	0.00	0.00	
	Technology Share (%)	Refer to utility–specific data table.			1
	Life (yrs)	15	15	15	2
EXISTING	Capital ($/unit)	0	0	0	
	Installation ($/unit)	0	0	0	
	Maintenance ($/unit)	0.00	0.00	0.00	
	Technology Share (%)	Refer to utility–specific data table.			1
	Life (yrs)	15	15	15	2
DSM TECHNOLOGY:	WH–6	DHW Heater Tank Insulation			
NEW	Capital ($/unit)	15	15	15	3
	Installation ($/unit)	10	10	10	4
	Maintenance ($/unit)	0.00	0.00	0.00	
	Technically Feasible (%)	Refer to utility–specific data table.			5
	Current Penetration (%)	Refer to utility–specific data table.			6
	Life (yrs)	10	10	10	7
	Annual Energy Savings (%)	5	5	5	8
	Summer Peak Demand Savings (%)	5	5	5	9
	Winter Peak Demand Savings (%)	5	5	5	9
EXISTING	Capital ($/unit)	15	15	15	3
	Installation ($/unit)	20	20	20	4
	Maintenance ($/unit)	0.00	0.00	0.00	
	Technically Feasible (%)	Refer to utility–specific data table.			5
	Current Penetration (%)	Refer to utility–specific data table.			6
	Life (yrs)	10	10	10	7
	Annual Energy Savings (%)	7	7	7	10
	Summer Peak Demand Savings (%)	7	7	7	11
	Winter Peak Demand Savings (%)	7	7	7	11

NOTES:

1 Percentage of electric water heaters that are the tank–type models with electric resistance elements.
2 Typical lifetime range: 8–20 years, depending on water hardness, etc. 15 years assumed.
3 Typical cost of R–11 tank wrap.
4 Estimate of typical contractor installation cost.
5 Utility–specific penetration of standard tanks (FPSC Survey).
6 Utility–specific current penetrations of external tank wraps (FPSC Survey).
7 Typical lifetime same as that for water heater.
8 Adding R–11 insulation to new water heaters results in 5% to 8% savings (EPRI, 1991).
9 Same percentage savings used for demand as for energy.
10 Adding R–11 insulation to stock water heaters results in 7% to 12% savings (EPRI, 1991).
11 Same percentage savings used for demand as for energy.

FPL Residential Water Heating Information

Average Household Size	2.4
# of Occupants	
Single Member Households	21.8%
2 Member Households	44.6%
3 or more Member Households	33.7%
Home Ownership	
Own	73.1%
Rent	26.9%
Home Occupancy	
Permanent Residents	87.7%
Seasonal Residents	12.3%
% HHs with no members employed	37.0%
Age Distribution of FPL Population	
Less than 10 years old	12.1%
10-19	9.8%
20-29	12.3%
30-39	14.4%
40-49	11.3%
50-59	10.3%
60-69	13.7%
70-79	11.7%
80-89	4.1%
90+	0.4%
Household Income	
Average HH Income	$35,742
Less than $15,000	22.9%
$15,000-$29,999	29.7%
$30,000-$49,999	25.2%
$50,000+	22.2%
Electric Water Heater Saturation	86.8%
Location of Water Heater	
Conditioned Space	48.8%
Unconditioned Space	47.5%
Don't Know	3.7%
% of total KWH attributable to Water Heating	11.7%
Average Annual Water Heating KWH	1,660
Water Heater Capacity	
Less than 30 gallons	4.9%
30-39 gallons	43.9%
40-49 gallons	39.3%
50+ gallons	11.9%

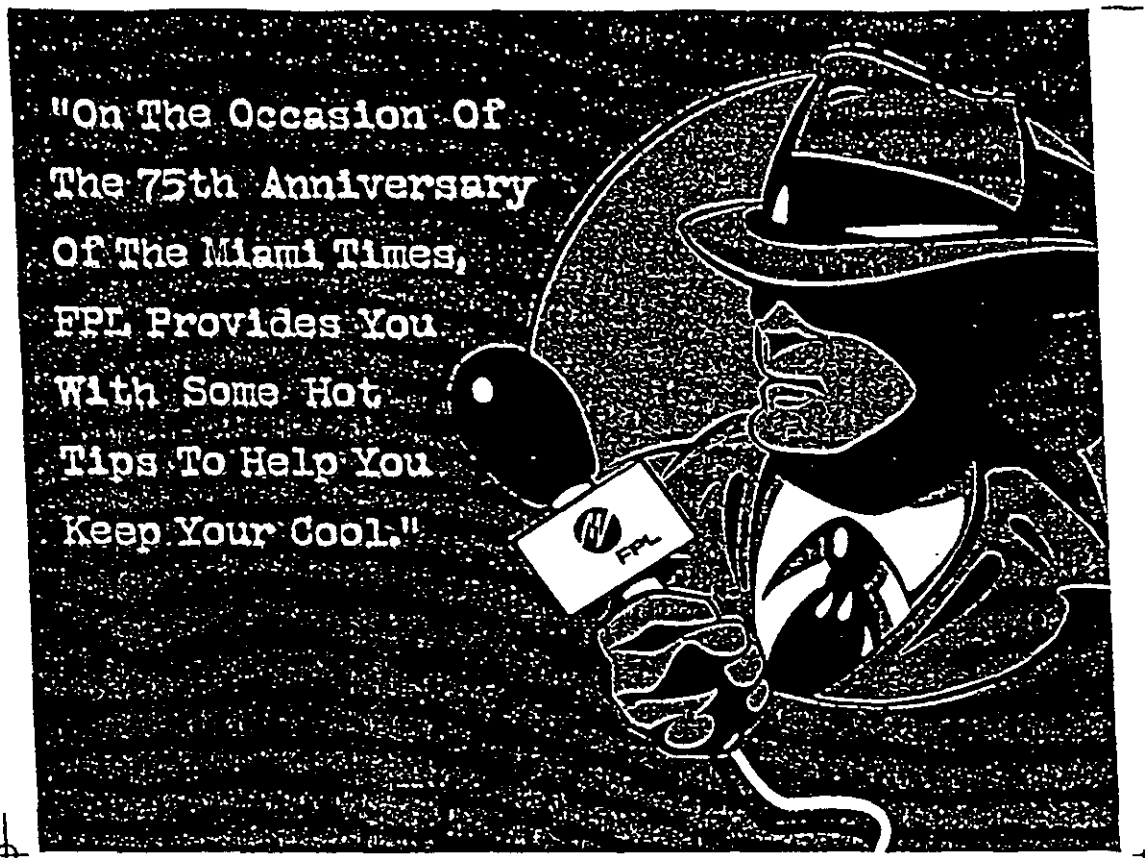
Source: 1990 Home Energy Survey

FPL Commercial Water Heating Information

% of Buildings with Electric Water Heating

Small Office	37.7%
Large Office	64.4%
Restaurant	75.3%
Small Retail	18.7%
Large Retail	63.7%
Grocery	77.7%
Warehouse	22.2%
Refrigerated Warehouse	44.2%
School	41.4%
College	61.8%
Hospital	10.1%
Other Health	89.7%
Lodging	30.7%
Miscellaneous	46.4%

Source: 1990 Commercial Sector Survey



COOLING TIPS

- Keep your thermostat set at 78° or higher, and on "auto," not "on". Each degree can mean up to 3% savings on cooling costs. (By the way, setting your thermostat very low when you come home doesn't cool the house faster. Use a programmable thermostat for temperature control 24 hours a day.)
- Use ceiling fans to circulate air. They use about as much electricity as a light bulb and can make you feel comfortable at higher thermostat settings. Oh, and don't forget to turn fans off when you leave the room.
- Clean or replace your air conditioner filter monthly so your a/c runs efficiently. Keep forgetting? Change your filter every time you get your FPL bill.
- If your central or room air conditioner is more than 10 years old, it could be doubling your cooling costs. FPL may help pay to replace your inefficient air conditioning with a new, qualifying high-efficiency system or unit.

INSULATION & WEATHERIZATION TIPS

- Make sure you've got enough ceiling insulation. It can reduce your cooling energy costs by as much as 20% and make your home more comfortable.
- Weatherstrip doors, windows and around wall-mounted air conditioners to prevent cool air from escaping.
- Caulk between siding and windows and door frames and beneath window sills.

WINDOW TIPS

- Use interior drapes, blinds or other window treatments to reduce heat gain, especially during the hottest time of the day.
- Even better: don't let the sun in, in the first place. Use solar reflective film, screens, awnings, shutters or new, efficient windows to block the sun's heat.

COOKING TIPS

- Don't open your oven door to peek at your food! Check the food through the window if your oven has one – or set a timer. This way you'll know when it's done.
- In general, turn the oven on just before you use it. While some recipes may require it, preheating an oven is unnecessary for most foods.
- *Once food reaches a boil or simmer temperature, lower the heat. It won't cook any faster at a rapid boil.*
- Use your oven's self-cleaning cycle only for major cleaning jobs. When self-cleaning is necessary, start the cycle right after cooking, while the oven is still hot.

APPLIANCE TIPS

- Your dishwasher uses the same amount of water and energy to run a full or partial load. Wait till you have a full load.
- In general, refrigerators should be set at 36° to 42° F and freezers at 0° F.
- Check the doors and seals around your appliances.
- Use cold water when running your garbage disposal.
- At least once a year, clean your refrigerator's condenser coils. (Just remember to unplug the refrigerator first.)
- Keep your water heater set at 120°F. But first, be sure to turn OFF the power to your water heater BEFORE you adjust it.
- When using your washing machine, adjust the water level to the size of the load – you'll save water and energy. It's best to wait for a full load.
- Clean the lint filter in your clothes dryer each time you use it. This will help clothes dry faster.

LIGHTING TIPS

- Fluorescent lights supply four times as much illumination as standard incandescent bulbs of the same wattage. Plus, they last up to 10 times longer and are cooler than regular bulbs.
- Clean light bulbs regularly, since dirt diffuses light, decreasing illumination.
- New types of light bulbs make outdoor security or recreational lighting more efficient than ever. Check out mercury vapor, metal halide or high pressure sodium vapor bulbs at your home center or hardware store.

For more ways to save money and energy, call 1-800-DIAL FPL.
Visit us at www.fpl.com

FPL Residential Customer Annual Cooling Usage in 1992 for Central Air Conditioners -- Per Customer by Thermostat Setpoint --

Usage Segment	Typical Home Size (sqft)	Cooling Level by Thermostat Setpoint (kWh/Customer)			
		76 deg. F	78 deg. F	80 deg. F	82 deg. F
Single-Family Detached					
High	1,800	8,761	7,392	6,128	4,975
Medium	1,600	6,763	5,706	4,731	3,840
Low	1,450	3,900	3,291	2,728	2,215
Single-Family Attached or Mobile Home					
All	1,250	5,288	4,513	3,780	3,101
SYSTEM					
All	-	5,993	5,082	4,233	3,453

Percent Change per Degree	9%

Methodology

Based on models developed as part of FPL's end use evaluation efforts, selected Miami weather from the period 1989-1995, coincident estimated operating factors for that same period of time, and typical home size, simulations were done to estimate change in HVAC usage based on thermostat set points.

Insulation & Weatherization Tips

The savings of 20% is calculated based on the following:

Based on the average residential energy consumption of 1,000 kwh monthly, which equates to 12,000 kwh annually, cooling costs are 40% of total consumption of 4,800 kwh. When installing R-19 insulation where there was previously no insulation present, savings may be as great at 915 kwh or 20%.