

**Steel Hector & Davis**

Tallahassee, Florida

Charles A. Guyton  
(904) 222-3423

November 17, 1995

By Hand Delivery

Blanca S. Bayó, Director  
Records and Reporting  
Florida Public Service Commission  
4075 Esplanade Way, Room 110  
Tallahassee, Florida 32399-0850

**Re: Conservation Cost Recovery Clause  
Docket No. 950002-EG**

Dear Ms. Bayó:

Enclosed for filing on behalf of Florida Power & Light Company are the original and fifteen (15) copies of Florida Power & Light Company's (1) Petition for Approval of True-Up Amount, and (2) Testimony and Exhibits of Francisco A. Avello.

If you or your Staff have any questions regarding this filing, please contact me.

Very truly yours,

Charles A. Guyton

- ACK
- AFA
- AP
- CF
- CU
- CS
- E 6
- EL 1
- EL 1-3 *registered*
- C
- EL  CAG/sh
- SL 1  encls.
- SL  TAL/13530
- WSS  cc: All Parties of Record
- CH

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11504 NOV 17

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*Petition*

DOCUMENT NUMBER - DATE  
11503 NOV 17

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FPSC-RECORDS/REPORTING

FPSC-RECORDS/REPORTING

**ORIGINAL  
FILE COPY**

**BEFORE THE FLORIDA  
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 950002-EG  
FLORIDA POWER & LIGHT COMPANY**

**NOVEMBER 17, 1995**

**CONSERVATION COST RECOVERY  
FACTOR  
FINAL TRUE-UP**

**OCTOBER 1994 THROUGH  
SEPTEMBER 1995**

**TESTIMONY & EXHIBITS OF:**

**FRANCISCO A. AVELLO**

DOCUMENT NUMBER-DATE

11504 NOV 17 95

FPSC-RECORDS/REPORTING

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**FLORIDA POWER & LIGHT COMPANY**

**TESTIMONY OF FRANCISCO A. AVELLO**

**DOCKET NO. 950002-EG**

**November 17, 1995**

1 Q. Please state your name and business address.

2 A. My name is Francisco A. Avello, and my business address is: 9250 West  
3 Flagler Street, Miami, 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 Market Planning  
7 Manager.

8

9 Q. Please describe your educational and professional background and  
10 experience.

11 A. I received a Bachelor of Arts in Psychology and a Bachelor of Science in  
12 Industrial Engineering Technology from Florida International University. Since  
13 joining FPL in 1971, I have worked in positions of increasing responsibility in  
14 the areas of distribution engineering, customer service, quality assurance, quality  
15 improvement and marketing, where I have been a Market Planning Manager for  
16 the last four years.

17

18 Q. What are your responsibilities and duties as Market Planning Manager?

1           September 1995 period. FPL seeks to carry forward this overrecovery to the  
2           calculation of its Conservation Cost Recovery factor for the April 1996 through  
3           March 1997 period.

4  
5   **Q. How was this adjusted net true-up for the October 1994 through September**  
6   **1995 period calculated?**

7   A. Consistent with the Commission's directive in Order No. PSC-93-0709-FOF-EG,  
8   FPL calculated a "final" true-up for the October 1994 through September 1995  
9   period. The calculation is shown on Schedule CT-1, Pages 1 through 3.

10  
11          Page 1 of 3 of Schedule CT-1 shows the calculation of the final true-up for the  
12          first six months of the period. Page 2 of 3 of Schedule CT-1 shows the  
13          calculation of the final true-up for the second six months of the period. Please  
14          note that for the second six month period, unlike the first six month period,  
15          there is no previously approved Estimated/Actual true-up; consequently, the final  
16          true-up for the second six month period is the actual variance between expenses  
17          and revenues plus the applicable interest.

18  
19          To calculate the adjusted net true-up for the entire period October 1994 through  
20          September 1995, the final true-up for the first six months, an overrecovery of  
21          \$1,045,866, was added to the final true-up for the second six months, an  
22          overrecovery of \$4,354,538, resulting in a net overrecovery of \$5,400,404. This  
23          calculation is shown on Page 3 of 3 Schedule CT-1.

24  
25   **Q. As of the end of September 1995 you show on Schedule CT-3, Page 5 of 6,**

- 1 Q. How did your actual program expenditures for October 1994 through  
2 September 1995 compare to the estimated/actual and original estimated  
3 projections for that period presented at the March 1995 Hearing?
- 4 A. At the March 1995 Hearing, total expenditures for October 1994 through March  
5 1995 were projected to be \$78,628,532 and total expenditures for April 1995  
6 through September 1995 were projected to be \$86,991,021, for a period total of  
7 \$165,619,553. The actual expenditures for October 1994 through March 1995  
8 were \$78,155,219 and for April 1995 through September 1995 were  
9 \$90,406,665, for a period total of \$168,561,884. This represents a period  
10 variance of \$2,942,331 more than projected. This variance is shown on  
11 Schedule CT-2, Page 4 of 4, line 29 and is explained in Schedule CT-6.  
12
- 13 Q. Was the calculation of the adjusted net true-up amount for the period  
14 October 1994 through September 1995 period performed consistently with  
15 the prior true-up calculations in this and the predecessor conservation cost  
16 recovery dockets?
- 17 A. FPL's adjusted net true-up was calculated consistent with the methodology set  
18 forth in Schedule 1, page 2 of 2 attached to Order No. 10093, dated June 19,  
19 1981 but was adapted to reflect that there was no estimated/actual true-up for  
20 part of the final true-up period. The schedules prepared under the direct  
21 supervision of Mr. Babka detail this calculation.  
22
- 23 Q. What was the source of the data used in calculating the actual net true-up  
24 amount?
- 25 A. Unless otherwise indicated, the data used in calculating the adjusted net true-up

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF FRANCISCO A. AVELLO

DOCKET NO. 950002-EG

November 17, 1995

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6 A. I am employed by Florida Power & Light Company (FPL) as Market Planning  
7 Manager.

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9 Q. Please describe your educational and professional background and  
10 experience.

11 A. I received a Bachelor of Arts in Psychology and a Bachelor of Science in  
12 Industrial Engineering Technology from Florida International University. Since  
13 joining FPL in 1971, I have worked in positions of increasing responsibility in  
14 the areas of distribution engineering, customer service, quality assurance, quality  
15 improvement and marketing, where I have been a Market Planning Manager for  
16 the last four years.

17

18 Q. What are your responsibilities and duties as Market Planning Manager?

1 A. I am responsible for the development of market plans and strategies to ensure  
2 customers are provided programs, products and services of value. I am also  
3 responsible for preparing the Energy Conservation Cost Recovery (ECCR)  
4 Forecast, True-Up and Testimony.

5

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

7 A. The purpose of my testimony is to submit for Commission review and approval  
8 (1) the net overrecovery from the period October 1994 through September 1995  
9 to be carried forward in the April 1996 through March 1997 period and (2) the  
10 conservation-related revenues and costs associated with our Energy Conservation  
11 programs for the period October 1, 1994 through September 30, 1995.

12

13 **Q. Are you sponsoring an exhibit in connection with your testimony?**

14 A. Yes. I am sponsoring Exhibit FAA-1 which consists of Schedules CT-1 through  
15 CT-6. While I am sponsoring all of Exhibit FAA-1, parts of the exhibit were  
16 prepared under the direct supervision of Mr. Donald L. Babka, Manager of  
17 Regulatory and Tax Accounting, who is available to respond to any questions  
18 which the parties or the Commission may have regarding those parts. Exhibit  
19 FAA-1, Table of Contents, Page 1 of 1, identifies the portions prepared by Mr.  
20 Babka and me.

21

22 **Q. What is the adjusted net true-up amount which FPL is requesting for the**  
23 **October 1994 through September 1995 period?**

24 A. FPL has calculated and is requesting approval of an overrecovery of  
25 \$5,400,404 as the adjusted net true-up amount for the October 1994 through

1           September 1995 period. FPL seeks to carry forward this overrecovery to the  
2           calculation of its Conservation Cost Recovery factor for the April 1996 through  
3           March 1997 period.

4  
5       **Q. How was this adjusted net true-up for the October 1994 through September**  
6       **1995 period calculated?**

7       **A.** Consistent with the Commission's directive in Order No. PSC-93-0709-FOF-EG,  
8       FPL calculated a "final" true-up for the October 1994 through September 1995  
9       period. The calculation is shown on Schedule CT-1, Pages 1 through 3.

10  
11       Page 1 of 3 of Schedule CT-1 shows the calculation of the final true-up for the  
12       first six months of the period. Page 2 of 3 of Schedule CT-1 shows the  
13       calculation of the final true-up for the second six months of the period. Please  
14       note that for the second six month period, unlike the first six month period,  
15       there is no previously approved Estimated/Actual true-up; consequently, the final  
16       true-up for the second six month period is the actual variance between expenses  
17       and revenues plus the applicable interest.

18  
19       To calculate the adjusted net true-up for the entire period October 1994 through  
20       September 1995, the final true-up for the first six months, an overrecovery of  
21       \$1,045,866, was added to the final true-up for the second six months, an  
22       overrecovery of \$4,354,538, resulting in a net overrecovery of \$5,400,404. This  
23       calculation is shown on Page 3 of 3 Schedule CT-1.

24  
25       **Q. As of the end of September 1995 you show on Schedule CT-3, Page 5 of 6,**

1 line 11 an end of period overrecovery of \$6,620,408. Why is FPL  
2 recommending that an overrecovery of \$5,400,404 rather than \$6,620,408  
3 be carried forward to be refunded to customers during the April 1996  
4 through March 1997 period?

5 A. Although FPL had an end of period overrecovery as of September 1995 of  
6 \$6,620,408, the Commission has already authorized the refund of \$1,220,004 of  
7 that overrecovery through the current Conservation Cost Recovery factor. In  
8 calculating FPL's current factor, the Commission approved an overrecovery of  
9 \$2,440,007. FPL's current factor is refunding that overrecovery during the  
10 current twelve month recovery period. As of September 30, 1995, half of that  
11 \$2,440,007 had been refunded, and the other half is being refunded over the  
12 remaining six months. Thus, FPL's overrecovery as of September 1995 of  
13 \$6,620,408 includes \$1,220,004 (half of \$2,440,007) that FPL is refunding  
14 from October 1995 through March 1996.

15  
16 To make sure that customers receive the remaining \$5,400,404 of the end of  
17 period overrecovery, FPL is proposing that \$5,400,404 be carried forward as the  
18 adjusted net true-up to be recovered in the factor to be approved for April 1996  
19 through March 1997. As I previously noted, the calculation of this is shown on  
20 Schedule CT-1 Page 3 of 3.

21  
22 Q. Are all costs listed in Schedule CT-2 attributable to approved programs or  
23 Commission conservation proceeding?

24 A. Yes they are.

- 1 Q. How did your actual program expenditures for October 1994 through  
2 September 1995 compare to the estimated/actual and original estimated  
3 projections for that period presented at the March 1995 Hearing?
- 4 A. At the March 1995 Hearing, total expenditures for October 1994 through March  
5 1995 were projected to be \$78,628,532 and total expenditures for April 1995  
6 through September 1995 were projected to be \$86,991,021, for a period total of  
7 \$165,619,553. The actual expenditures for October 1994 through March 1995  
8 were \$78,155,219 and for April 1995 through September 1995 were  
9 \$90,406,665, for a period total of \$168,561,884. This represents a period  
10 variance of \$2,942,331 more than projected. This variance is shown on  
11 Schedule CT-2, Page 4 of 4, line 29 and is explained in Schedule CT-6.
- 12
- 13 Q. Was the calculation of the adjusted net true-up amount for the period  
14 October 1994 through September 1995 period performed consistently with  
15 the prior true-up calculations in this and the predecessor conservation cost  
16 recovery dockets?
- 17 A. FPL's adjusted net true-up was calculated consistent with the methodology set  
18 forth in Schedule 1, page 2 of 2 attached to Order No. 10093, dated June 19,  
19 1981 but was adapted to reflect that there was no estimated/actual true-up for  
20 part of the final true-up period. The schedules prepared under the direct  
21 supervision of Mr. Babka detail this calculation.
- 22
- 23 Q. What was the source of the data used in calculating the actual net true-up  
24 amount?
- 25 A. Unless otherwise indicated, the data used in calculating the adjusted net true-up

1 amount is taken from the books and records of the Company. The books and  
2 records are kept in the regular course of our business in accordance with  
3 generally accepted accounting principles and practices, and provisions of the  
4 Uniform System of Accounts as prescribed by this Commission.

5

6 Q. Does that conclude your testimony?

7 A. Yes, it does.

<u>Schedule</u>	<u>Prepared By</u>
CT-1, Pages 1 - 3 of 3	Donald L. Babka
CT-2, Pages 1 & 2 of 4, Lines 1-11	Francisco A. Avello
CT-2, Pages 1 & 2 of 4, Lines 12-19	Donald L. Babka
CT-2, Pages 3 & 4 of 4	Francisco A. Avello
CT-3, Pages 1 & 2 of 6	Francisco A. Avello
CT-3, Pages 3 - 6 of 6	Donald L. Babka
CT-4, Pages 1 - 6 of 6, Line 1	Francisco A. Avello
CT-4, Pages 1 - 6 of 6, Lines 2 - 10	Donald L. Babka
CT-5, Page 1 of 1	Francisco A. Avello
CT-6, Pages 1 - 30 of 30	Francisco A. Avello

ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD  
OCTOBER 1994 THROUGH MARCH 1995

1	Actual End of Period True-up for the period October 1994 through March 1995		
2	Principal	\$3,362,078	
3	Interest	123,795	
			<u>3,485,873</u>
4	Less Estimated/Actual True-up for the same period approved at the March 1995 Hearing		
5			
6	Principal	2,329,223	
7	Interest	110,784	
			<u>2,440,007</u>
8	Final Net True-up for the period October 1994 through March 1995		<u>\$1,045,866</u>

( ) REFLECTS UNDERRECOVERY

ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD  
APRIL THROUGH SEPTEMBER 1995

1	Actual true-up for the period April 1995 through September 1995	
2	Principal	\$4,293,525
3	Interest	61,013
4	Actual true-up for period April through September 1995	<u>\$4,354,538</u>

Since this six month period is part of the annual factor for the period April 1995 through March 1996 no Estimated /Actual period has been approved by the Commission.

( ) Reflects Underrecovery

ENERGY CONSERVATION COST RECOVERY  
ADJUSTED NET TRUE-UP FOR THE TWELVE  
MONTHS ENDED SEPTEMBER 1995

1	Final net true-up for period October 1994 through March 1995 per CT-1, page 1	\$1,045,866
2	Actual true-up for the period April 1995 through September 1995 per CT-1, page 2.	4,354,538
3	Adjusted Net True-up for the period October 1994 through September 1995 (to be carried over to the April 1996 through March 1997 period)	<hr/> <u>\$5,400,404</u>

( ) Reflects Underrecovery

ENERGY CONSERVATION COST RECOVERY  
 ANALYSIS OF PROGRAM COSTS  
 ACTUAL VS ESTIMATE FOR THE PERIOD  
 OCTOBER 1994 THROUGH MARCH 1995

	<u>Actual</u>	<u>Projected (a)</u>	<u>Difference</u>
1. Depreciation & Return	\$ 19,306,309	\$ 19,146,237	\$ 160,072
2. Payroll & Benefits	12,572,581	12,570,863	1,718
3. Materials & Supplies	103,212	219,703	(116,491)
4. Outside Services	5,298,622	6,889,696	(1,591,074)
5. Advertising	2,002,174	2,197,197	(195,023)
6. Incentives	38,287,061	36,766,087	1,520,974
7. Vehicles	4,489	5,778	(1,289)
8. Other	1,358,901	1,632,558	(273,657)
9. SUB-TOTAL	\$ 78,933,349	\$ 79,428,119	\$ (494,770)
10. Program Revenues	0	0	0
11. TOTAL PROGRAM COSTS	\$ 78,933,349	\$ 79,428,119	\$ (494,770)
12. Amounts Included in Base Rates	778,130	799,587	(21,457)
13. SUBTOTAL	\$ 78,155,219	\$ 78,628,532	\$ (473,313)
A. Disallowance RTP/Goals Docket Expenses	(1) (597,736)		(597,736)
14. ECCR Revenues (Net of Revenue Taxes)	77,410,090	76,844,622	565,468
15. True-Up Before Interest (Line 14 - Line 13)	\$ (147,393)	\$ (1,783,910)	\$ 1,636,517
16. Interest Provision	100,345	110,784	(10,439)
A. Interest on Disallowed Expenses (Line 13A)	(2) 23,450		23,450
17. Prior Period True-up (Oct '93-Mar '94)	1,429,585	1,429,585	0
18. Deferred True-Up from Prior Period (Oct '93-Sept '94)	2,079,887	2,683,549	(603,662)
19. End of Period True-Up	\$ 3,485,873	\$ 2,440,007	\$ 1,045,866

(a) From Estimated/Actual Filing. Approved at 3/95 Hearing

(1) RTP & Goals Docket expenses as per PSC Order No. PSC-95-0398-FOF-EG

(2) Interest calculated on adjustment amount of \$597,736

For lines 15-19 ( ) reflects an underrecovery.

Totals may not add due to rounding.

ENERGY CONSERVATION COST RECOVERY  
 ANALYSIS OF PROGRAM COSTS  
 ACTUAL VS ESTIMATE FOR THE PERIOD  
 APRIL 1995 THROUGH SEPTEMBER 1995

	<u>Actual</u>	<u>Projected (a)</u>	<u>Difference</u>
1. Depreciation & Return	\$ 18,865,040	\$ 19,698,679	\$ (833,639)
2. Payroll & Benefits	13,009,696	12,348,820	660,876
3. Materials & Supplies	79,520	141,118	(61,598)
4. Outside Services	2,296,916	7,277,765	(4,980,849)
5. Advertising	2,739,927	3,678,936	(939,009)
6. Incentives	53,180,142	42,923,181	10,256,961
7. Vehicles	3,036	5,676	(2,640)
8. Other	1,042,202	1,715,206	(673,004)
9. SUB-TOTAL	<u>\$ 91,216,479</u>	<u>\$ 87,789,381</u>	<u>\$ 3,427,098</u>
10. Program Revenues	0	0	0
11. TOTAL PROGRAM COSTS	<u>\$ 91,216,479</u>	<u>\$ 87,789,381</u>	<u>\$ 3,427,098</u>
12. Amounts Included in Base Rates	809,814	798,360	11,454
13. SUBTOTAL	<u>\$ 90,406,665</u>	<u>\$ 86,991,021</u>	<u>\$ 3,415,644</u>
14. ECCR Revenues (Net of Revenue Taxes)	93,480,188	86,991,021	6,489,167
15. True-Up Before Interest (Line 14 - Line 13)	<u>\$ 3,073,523</u>	<u>\$ 0</u>	<u>\$ 3,073,523</u>
16. Interest Provision	61,013	0	61,013
17. Prior Period True-up (Oct '94-Mar '95)	2,440,007	1,220,004	1,220,003
18. Deferred True-Up from Prior Period (Oct '94-Mar '95)	1,045,866	0	1,045,866
19. End of Period True-Up	<u>\$ 6,620,408</u>	<u>\$ 1,220,004</u>	<u>\$ 5,400,404</u>

(a) Apr-Sept '95 projection was included with twelve month projection approved at the March 1995 Hearing. For lines 15-19 ( ) reflects an underrecovery.

Conservation Program Costs  
ACTUAL EXPENSES  
October 1994 THROUGH September 1995

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	12 Mo. Sub-Total	Program Revenues	12 Mo. Grand Total
1. Residential Conservation Service	0	4,621,451	14,220	294,477	3,176,964	0	296	372,726	6,490,154	0	6,490,154
2. Conservation Window Treatment	0	231,758	282	6,218	14,731	1,165,668	0	26,245	1,444,900	0	1,444,900
3. Residential Ceiling Insulation	64,678	262,747	261	6,289	24,781	2,182,138	0	25,161	2,586,053	0	2,586,053
4. Conservation Water Heating	0	97,348	348	4,954	15,015	314,553	0	14,594	448,812	0	448,812
5. Residential Load Control	37,593,598	2,535,816	54,675	(690,356)	0	29,269,412	7,071	601,450	69,371,464	0	69,371,464
6. Cogeneration & Small Power Production	0	1,038,723	315	56,410	0	0	0	12,840	1,106,068	0	1,106,068
7. Conservation H.E.L.P.	0	3,926,147	78,678	300,132	284,331	7,609,559	(15)	(903,284)	11,315,548	0	11,315,548
8. Commercial/Industrial Efficient Lighting	0	1,494,082	694	70,850	40,027	9,652,297	0	92,457	11,260,367	0	11,260,367
9. Commercial/Industrial Load Control	247,044	762,590	159	36,393	21,894,671	0	421	97,745	23,009,223	0	23,009,223
10. Business Energy Evaluation	92,655	1,181,417	6,193	377,653	284,263	0	0	149,799	1,909,525	0	1,909,525
11. High-Efficiency Residential HVAC	0	765,544	278	50,089	186,000	13,792,348	28	65,067	14,962,307	0	14,962,307
12. C1 Water-Cooled Chiller Replacement	0	377,863	1,800	48,065	57,044	1,423,135	0	41,304	1,949,261	0	1,949,261
13. Business Energy Evaluation-New Construction	0	156,011	8,952	33,177	0	0	0	36,524	235,064	0	235,064
14. C1 Thermal Energy Storage	0	398,801	48	75,806	50,000	1,268,140	15	44,519	1,833,329	0	1,833,329
15. C1 Hot Water Storage Research Project	0	(7,657)	0	66,987	0	0	0	0	59,010	0	59,010
16. Res. Thermal Energy Storage Research Project	0	25,217	0	0	0	0	0	1,328	26,545	0	26,545
17. Conservation Research & Development	0	345,315	254	148,512	0	0	0	38,302	530,461	0	530,461
18. General Service Trial Project	0	5,828	593	6,694	0	0	0	303	13,606	0	13,606
19. Efficient Motors Program	0	26,411	0	9,098	0	30,558	0	4,741	76,768	0	76,768
20. C1 High Efficiency Split Pkg. DX-A/C Program	0	519,039	11	30,554	77,000	2,481,324	6	30,273	3,198,207	0	3,198,207
21. C1 Air-Cooled Chiller Efficiency Enhancements	0	188,969	0	20,156	80,000	298,108	0	16,140	543,273	0	543,273
22. Res. New Home Construction Research Project	173,176	210,300	4,351	1,774,444	451,498	0	0	23,637	2,637,464	0	2,637,464
23. C1 Business Custom Incentive Program	0	34,502	0	3,936	0	93,500	9	1,466	133,442	0	133,442
24. C1 Dehumidification Research Project	0	6,336	0	61,907	0	0	0	10,275	80,618	0	80,618
25. C1 Off Peak Battery Charging Program	0	56,464	0	32,629	0	76,950	14	6,323	172,360	0	172,360
26. Common Expenses	0	3,162,990	10,590	4,752,400	429	650	(398)	1,590,841	12,748,009	0	12,748,009
27. Total All Programs	\$ 36,171,349	\$ 25,582,277	\$ 182,732	\$ 7,595,536	\$ 4,742,101	\$ 91,467,203	\$ 7,525	\$ 2,401,103	\$ 170,149,828	\$ 0	\$ 170,149,828
28. LESS: Included in Base Rates		1,587,944							1,587,944		1,587,944
29. Recoverable Conservation Expenses	\$ 36,171,349	\$ 23,994,333	\$ 182,732	\$ 7,595,536	\$ 4,742,101	\$ 91,437,203	\$ 7,525	\$ 2,401,103	\$ 168,561,884	\$ 0	\$ 168,561,884

Totals may not add due to rounding

Conservation Program Costs  
 VARIANCE: Actual VS Projected  
 October 1994 THROUGH September 1995

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	12 Mo. Sub-Total	Program Revenues	12 Mo. Grand Total
1. Residential Conservation Service	\$ 0	\$ 369,054	\$ 1,739	\$ (68,802)	\$ (40,878)	\$ 0	\$ 250	\$ (153,903)	\$ 107,506	\$ 0	\$ 107,506
2. Conservation Window Treatment	0	(139,305)	67	(17,663)	(712)	289,838	0	(14,972)	120,273	0	120,273
3. Residential Ceiling Insulation	(4,852)	(100,745)	(62)	(17,498)	10,880	157,841	0	(10,889)	34,857	0	34,857
4. Conservation Water Heating	0	39,984	342	(4,753)	8,371	(30,384)	0	268	24,826	0	24,826
5. Residential Load Control	(583,005)	239,749	(11,149)	(871,598)	0	(141,131)	(4,236)	87,882	(1,283,488)	0	(1,283,488)
6. Cogeneration & Small Power Production	0	49,330	(959)	31,777	0	0	0	(108,852)	(29,895)	0	(29,895)
7. Conservation H.E.L.P.	0	(10,763)	(50,565)	(111,857)	(49,705)	1,959,001	(15)	(84,043)	1,652,250	0	1,652,250
8. Commercial/Industrial Efficient Lighting	0	300,854	(809)	(78,142)	(251,472)	4,800,274	0	(58,512)	4,714,383	0	4,714,383
9. Commercial/Industrial Load Control	(59,283)	18,223	(883)	(5,273)	0	88,368	421	18,540	59,034	0	59,034
10. Business Energy Evaluation	(4,843)	(13,810)	(122,849)	(221,754)	(739,834)	0	0	(66,372)	(1,168,893)	0	(1,168,893)
11. High-Efficiency Residential HVAC	(8,765)	(255,098)	(253)	(155,803)	(53,171)	3,711,158	28	(28,350)	3,211,748	0	3,211,748
12. C/I Water-Cooled Chiller Replacement	0	(48,289)	(154)	(14,543)	43,303	756,590	0	(45,780)	695,137	0	695,137
13. Business Energy Evaluation-New Construction	0	(77,414)	8,193	(89,889)	(207,500)	0	0	(23,175)	(389,765)	0	(389,765)
14. C/I Thermal Energy Storage	0	(22,421)	(402)	8,048	49,982	(447,110)	15	(32,191)	(446,099)	0	(446,099)
15. C/I Hot Water Storage Research Project	0	(12,321)	0	25,867	0	0	0	0	13,346	0	13,346
16. Res. Thermal Energy Storage Research Project	0	(197)	0	(116,870)	0	0	0	(4,894)	(121,561)	0	(121,561)
17. Conservation Research & Development	0	45,828	254	(313,563)	0	0	78	(20,078)	(287,881)	0	(287,881)
18. General Service Trial Project	0	0	593	3,989	0	0	0	110	4,892	0	4,892
19. Efficient Motors Program	0	(26,133)	0	(29,272)	0	(103,782)	0	(6,910)	(168,087)	0	(168,087)
20. C/I High Efficiency Split Pkg. DX-A/C Program	0	22,743	11	(19,038)	70,507	752,463	6	(17,190)	809,502	0	809,502
21. C/I Air-Cooled Chiller Efficiency Enhancements	0	(58,956)	(2,750)	(28,119)	74,340	5,297	0	(19,850)	(28,036)	0	(28,036)
22. Res. New Home Construction Research Project	(14,019)	(12,258)	1,792	163,980	(51,531)	0	0	11,773	99,717	0	99,717
23. C/I Business Custom Incentive Program	0	(23,247)	(14)	(20,892)	0	(27,125)	0	(17,773)	(88,851)	0	(88,851)
24. C/I Dehumidification Research Project	0	(6,369)	0	(39,249)	0	0	0	(6,343)	(51,981)	0	(51,981)
25. C/I Off Peak Battery Charging Program	0	8,781	(180)	15,760	0	11,977	0	(7,695)	28,843	0	28,843
26. Common Expenses	0	354,379	(180)	(4,599,183)	429	650	(522)	(339,652)	(4,584,079)	0	(4,584,079)
27. Total All Programs	\$ (673,567)	\$ 662,594	\$ (178,089)	\$ (6,571,923)	\$ (1,134,032)	\$ 11,777,935	\$ (3,929)	\$ (946,681)	\$ 2,932,328	\$ 0	\$ 2,932,328
28. LESS: Included in Base Rates		(10,003)							(10,003)		(10,003)
29. Recoverable Conservation Expenses	\$ (673,567)	\$ 672,597	\$ (178,089)	\$ (6,571,923)	\$ (1,134,032)	\$ 11,777,935	\$ (3,929)	\$ (946,681)	\$ 2,942,331	\$ 0	\$ 2,942,331

Totals may not add due to rounding

Conservation Program Costs  
ACTUAL EXPENSES  
OCTOBER 1994 THROUGH MARCH 1995

Program Title	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	6 MO SUB-TOTAL
1. Residential Conservation Service	\$ 594,415	\$ 405,700	\$ 362,774	\$ 300,158	\$ 947,805	\$ 579,344	\$ 3,190,196
2. Conservation Window Treatment	107,673	134,234	118,843	111,149	98,205	97,501	637,605
3. Residential Ceiling Insulation	175,415	242,695	162,291	146,651	165,984	247,742	1,140,778
4. Conservation Water Heating	45,462	36,988	51,685	26,527	64,834	49,585	277,031
5. Residential Load Control	6,655,391	5,338,202	5,491,649	5,249,160	5,175,036	5,173,932	33,083,370
6. Cogeneration & Small Power Production	115,047	138,921	101,798	88,976	81,716	79,006	603,464
7. Conservation H.E.L.P.	1,012,172	822,444	1,105,752	809,268	1,059,778	1,066,309	5,875,723
8. Commercial/Industrial Efficient Lighting	781,860	795,432	673,708	891,957	809,668	760,710	4,713,335
9. Commercial/Industrial Load Control	1,886,976	1,922,965	1,833,831	1,506,429	1,737,792	1,783,345	10,671,338
10. Business Energy Evaluation	176,450	172,289	253,536	39,355	330,644	141,293	1,113,567
11. High-Efficiency Residential HVAC	1,543,674	883,668	934,300	997,794	835,697	941,089	6,136,222
12. C/I Water-Cooled Chiller Replacement	257,016	56,720	177,514	180,110	166,630	98,210	936,200
13. Business Energy Evaluation-New Construction	35,105	21,333	33,694	13,957	14,437	18,796	137,322
14. C/I Thermal Energy Storage	338,648	40,668	88,181	158,000	188,427	67,049	880,973
15. C/I Hot Water Storage Research Project	3,012	1,652	1,196	1,172	(9,378)	66,034	63,688
16. Res. Thermal Energy Storage Research Project	1,882	1,988	1,793	1,758	1,803	2,137	11,361
17. Conservation Research & Development	56,994	42,249	34,149	16,096	39,998	46,018	235,504
18. General Service Trial Project	7,894	1,020	4,692	46	0	(46)	13,606
19. Efficient Motors Program	9,173	5,545	9,354	4,250	5,468	3,774	37,564
20. C/I High Efficiency Split Pkg. DX-A/C Program	245,866	243,541	219,992	170,995	249,214	162,221	1,291,829
21. C/I Air-Cooled Chiller Efficiency Enhancements	31,104	36,497	161,671	17,426	41,944	50,557	339,199
22. Res. New Home Construction Research Project	202,284	200,306	737,339	68,937	211,930	82,875	1,503,671
23. C/I Business Custom Incentive Program	4,135	6,505	96,344	2,972	2,525	3,194	115,675
24. C/I Dehumidification Research Project	22,452	17,760	15,581	11,936	601	5,419	73,749
25. C/I Off Peak Battery Charging Program	9,899	23,233	26,708	(2,980)	16,204	19,952	93,016
26. Common Expenses	1,088,085	1,064,963	1,625,753	536,427	595,816	796,269	5,727,313
27. Total All Programs	\$ 15,408,084	\$ 12,679,518	\$ 14,324,128	\$ 11,346,526	\$ 12,832,779	\$ 12,342,315	\$ 78,933,349
28. LESS: Included in Base Rates	124,448	182,401	120,733	116,771	115,362	118,415	778,130
29. Recoverable Conservation Expenses	\$ 15,283,636	\$ 12,497,117	\$ 14,203,395	\$ 11,229,755	\$ 12,717,416	\$ 12,223,900	\$ 78,155,219

Totals may not add due to rounding

Conservation Program Costs  
ACTUAL EXPENSES  
APRIL 1995 THROUGH SEPTEMBER 1995

Program Title	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	6 MO SUB-TOTAL	OCT '94-SEP '95 TOTAL (12 MO.)
1. Residential Conservation Service	\$ 871,292	\$ 1,210,910	\$ 556,984	\$ 1,157,739	\$ 1,043,864	\$ 449,169	\$ 5,289,958	\$ 8,480,154
2. Conservation Window Treatment	117,604	120,278	161,551	136,602	110,086	131,175	777,295	1,444,900
3. Residential Ceiling Insulation	179,954	168,946	285,058	263,645	280,866	257,807	1,445,275	2,586,053
4. Conservation Water Heating	28,672	28,126	28,978	28,574	31,263	24,118	169,731	446,812
5. Residential Load Control	6,359,780	6,332,714	5,939,865	5,778,909	6,093,165	5,783,661	36,288,094	69,371,464
6. Cogeneration & Small Power Production	117,203	86,555	70,261	81,988	69,344	77,272	502,624	1,108,088
7. Conservation H.E.L.P.	1,042,518	812,624	1,004,394	998,596	762,113	819,579	5,439,825	11,315,548
8. Commercial/Industrial Efficient Lighting	1,283,370	773,419	1,162,193	1,255,590	1,111,822	960,668	6,547,052	11,260,387
9. Commercial/Industrial Load Control	1,622,349	2,021,247	2,085,129	2,059,473	2,102,486	2,147,202	12,337,868	23,009,223
10. Business Energy Evaluation	143,724	125,859	136,897	116,745	227,931	134,801	885,958	1,999,525
11. High-Efficiency Residential HVAC	1,225,393	1,111,806	1,634,313	1,800,740	1,536,301	1,507,431	8,815,985	14,962,207
12. C/I Water-Cooled Chiller Replacement	61,345	132,319	204,800	198,129	131,813	284,654	1,013,061	1,949,261
13. Business Energy Evaluation-New Construction	25,277	12,901	16,203	12,659	56,039	(25,337)	97,742	235,064
14. C/I Thermal Energy Storage	338,011	121,488	50,621	159,608	40,583	242,044	952,356	1,833,329
15. C/I Hot Water Storage Research Project	1,282	1,309	1,293	(7,090)	(1,472)	0	(4,678)	59,010
16. Res. Thermal Energy Storage Research Project	3,324	2,638	2,025	2,187	2,240	2,770	15,184	26,545
17. Conservation Research & Development	33,351	31,634	116,802	34,280	40,733	38,167	294,957	530,461
18. General Service Trial Project	0	0	0	0	0	0	0	13,606
*9. Efficient Motors Program	3,581	10,680	5,367	6,103	7,958	5,536	39,234	76,798
20. C/I High Efficiency Split Pkg. DX-A/C Program	251,956	175,739	283,298	601,857	236,553	286,974	1,846,376	3,138,207
21. C/I Air-Cooled Chiller Efficiency Enhancements	56,095	30,421	40,726	14,994	12,460	49,377	204,074	543,273
22. Res. New Home Construction Research Project	316,408	152,871	191,157	170,666	121,444	181,246	1,133,793	2,637,464
23. C/I Business Custom Incentive Program	3,638	3,096	3,026	2,728	2,969	2,706	17,767	133,442
24. C/I Dehumidification Research Project	1,829	1,513	604	1,682	626	616	6,669	80,618
25. C/I Off Peak Battery Charging Program	13,042	18,626	17,397	8,491	16,057	5,751	79,364	172,390
26. Common Expenses	1,571,814	1,282,239	839,695	1,173,818	1,178,663	974,468	7,020,696	12,748,009
27. Total All Programs	\$ 15,972,812	\$ 14,769,961	\$ 14,848,627	\$ 16,058,713	\$ 15,224,517	\$ 14,341,845	\$ 91,216,479	\$ 170,149,828
28. LESS: Included in Base Rates	142,200	178,569	123,881	123,218	122,762	119,184	809,814	1,587,044
29. Recoverable Conservation Expenses	\$ 15,830,612	\$ 14,591,392	\$ 14,724,746	\$ 15,935,495	\$ 15,101,755	\$ 14,222,661	\$ 90,406,665	\$ 168,561,884

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION PROGRAM COSTS  
 OCTOBER 1994 THROUGH MARCH 1995

	OCTOBER	NOVEMBER	DECEMBER	ACTUALS JANUARY	FEBRUARY	MARCH	TOTAL
<b>B. CONSERVATION PROGRAM REVENUES</b>							
1. a. RESIDENTIAL LOAD CONTROL CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. C/I ENERGY ANALYSIS FEE							0
c. C/I - PENALTIES							0
d. BUSINESS ENERGY EXPO							0
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	14,477,596	14,045,566	13,050,481	12,081,267	12,318,349	11,436,830	77,410,090
3. TOTAL REVENUES	14,477,596	14,045,566	13,050,481	12,081,267	12,318,349	11,436,830	77,410,090
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	238,264	238,264	238,264	238,264	238,264	238,264	1,429,585
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	14,715,860	14,283,830	13,288,745	12,319,531	12,556,613	11,675,094	78,839,675
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 29)	15,283,636	12,497,117	14,203,395	11,229,755	12,717,416	12,223,900	78,155,219
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	(567,776)	1,786,713	(914,650)	1,069,776	(160,803)	(548,806)	684,456
8. INTEREST PROVISION FOR THE MONTH (From CT 3, Page 4, Line C10)	12,995	15,504	18,041	18,050	19,316	16,439	100,345
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	1,429,585	636,540	2,200,493	1,065,620	1,935,182	1,555,431	1,429,585
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	2,079,887	2,079,887	2,079,887	2,079,887	2,079,887	2,079,887	2,079,887
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(238,264)	(238,264)	(238,264)	(238,264)	(238,264)	(238,264)	(1,429,585)
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)	\$2,716,426	\$4,280,380	\$3,145,507	\$4,015,069	\$3,635,318	\$2,864,687	\$2,864,687

NOTES: ( ) Reflects Underrecovery

Docket No. 950002-EG  
 Exhibit No. Florida Power & Light Co.  
 (FAA-1)  
 Schedule CT-3  
 page 3 of 6

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION PROGRAM COSTS  
 OCTOBER 1994 THROUGH MARCH 1995

	OCTOBER	NOVEMBER	DECEMBER	ACTUALS JANUARY	FEBRUARY	MARCH	TOTAL
<b>C. INTEREST PROVISION</b>							
1. BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	\$3,509,472	\$2,716,427	\$4,280,380	\$3,145,507	\$4,015,068	\$3,635,318	\$21,302,172
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	2,703,432	4,264,876	3,127,466	3,997,018	3,616,002	2,848,248	20,557,042
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	\$6,212,904	\$6,981,303	\$7,407,846	\$7,142,525	\$7,631,070	\$6,483,566	\$41,859,214
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	\$3,106,452	\$3,490,652	\$3,703,923	\$3,571,263	\$3,815,535	\$3,241,783	\$20,929,607
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.04000%	5.00000%	5.66000%	6.03000%	6.10000%	6.05000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.00000%	5.66000%	6.03000%	6.10000%	6.05000%	6.12000%	N/A
7. TOTAL (Line C5+C6)	10.04000%	10.66000%	11.69000%	12.13000%	12.15000%	12.17000%	N/A
8. AVERAGE INTEREST RATE (50% of Line C7)	5.02000%	5.33000%	5.84500%	6.06500%	6.07500%	6.08500%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.41833%	0.44417%	0.48708%	0.50542%	0.50625%	0.50708%	N/A
10. INTEREST PROVISION FOR THE MONTH (Line C4 x C9)	\$12,995	\$15,504	\$18,041	\$18,050	\$19,316	\$16,439	\$100,345

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

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION PROGRAM COSTS  
 APRIL THROUGH SEPTEMBER 1995

	APRIL	MAY	JUNE	ACTUALS JULY	AUGUST	SEPTEMBER	TOTAL
<b>B. CONSERVATION PROGRAM REVENUES</b>							
1. a. RESIDENTIAL LOAD CONTROL CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. C/I ENERGY ANALYSIS FEE							0
c. C/I - PENALTIES							0
d. BUSINESS ENERGY EXPO							0
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	12,214,474	14,366,288	16,750,910	16,619,414	16,448,518	17,080,584	93,480,188
3. TOTAL REVENUES	12,214,474	14,366,288	16,750,910	16,619,414	16,448,518	17,080,584	93,480,188
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	203,334	203,334	203,334	203,334	203,334	203,334	1,220,004
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	12,417,808	14,569,622	16,954,244	16,822,748	16,651,852	17,283,918	94,700,192
6. CONSERVATION EXPENSES (From CT-3, Page 2, Line 29)	15,830,612	14,591,392	14,724,746	15,935,495	15,101,755	14,722,661	90,406,665
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	(3,412,804)	(21,770)	2,229,498	887,252	1,550,097	3,061,257	4,293,525
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 6, Line C10)	8,522	(1,185)	3,372	10,084	14,863	25,357	61,013
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	2,440,007	(1,167,609)	(1,393,898)	635,638	1,329,641	2,691,267	2,440,007
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	1,045,866	1,045,866	1,045,866	1,045,866	1,045,866	1,045,866	1,045,866
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(203,334)	(203,334)	(203,334)	(203,334)	(203,334)	(203,334)	(1,220,004)
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7 + B8 + B9 + B9a + B10)	(\$121,743)	(\$348,032)	\$1,681,504	\$2,375,507	\$3,737,133	\$6,620,408	\$6,620,408

NOTES: ( ) Reflects Underrecovery

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION PROGRAM COSTS  
 APRIL THROUGH SEPTEMBER 1995

	APRIL	MAY	JUNE	ACTUALS JULY	AUGUST	SEPTEMBER	TOTAL
<b>C. INTEREST PROVISION</b>							
1. BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	\$3,485,873	(\$121,743)	(\$348,031)	\$1,681,503	\$2,375,505	\$3,737,130	\$10,810,237
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	(130,265)	(346,846)	1,678,131	2,365,421	3,722,267	6,595,051	13,883,759
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	\$3,355,608	(\$468,589)	\$1,330,100	\$4,046,924	\$6,097,772	\$10,332,181	\$24,693,996
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	\$1,677,804	(\$234,295)	\$665,050	\$2,023,462	\$3,048,886	\$5,166,091	\$12,346,998
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	6.12000%	6.07000%	6.07000%	6.10000%	5.86000%	5.84000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	6.07000%	6.07000%	6.10000%	5.86000%	5.84000%	5.94000%	N/A
7. TOTAL (Line C5+C6)	12.19000%	12.14000%	12.17000%	11.96000%	11.70000%	11.78000%	N/A
8. AVERAGE INTEREST RATE (50% of Line C7)	6.09500%	6.07000%	6.08500%	5.98000%	5.85000%	5.89000%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.50792%	0.50583%	0.50708%	0.49833%	0.48750%	0.49083%	N/A
10. INTEREST PROVISION FOR THE MONTH (Line C4 x C9)	\$8,522	(\$1,185)	\$3,372	\$10,084	\$14,863	\$25,357	\$61,013

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

FLORIDA POWER & LIGHT COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Residential Load Control  
 For the Period October 1994 through March 1995

Line No.	Description	Beginning of Period							Total
			October	November	December	January	February	March	
1.	Investments (Net of Retirements)		\$1,859,616	\$1,122,958	\$1,189,129	\$196,705	\$441,694	\$1,501,904	\$6,312,006
2.	Depreciation Base		<u>142,353,333</u>	<u>143,476,291</u>	<u>144,665,420</u>	<u>144,862,125</u>	<u>145,303,819</u>	<u>146,805,723</u>	n/a
3.	Depreciation Expense (a)		<u>2,513,746</u>	<u>2,515,225</u>	<u>2,495,066</u>	<u>2,597,202</u>	<u>2,601,726</u>	<u>2,629,681</u>	15,352,646
4.	Cumulative Investment (Line 2)	\$140,493,717	142,353,333	143,476,291	144,665,420	144,862,125	145,303,819	146,805,723	n/a
5.	Less: Accumulated Depreciation	79,087,313	81,601,060	84,112,088	86,607,128	89,200,095	91,801,822	94,432,733	n/a
6.	Net Investment (Line 4 - 5)	<u>\$61,406,404</u>	<u>\$60,752,274</u>	<u>\$59,364,203</u>	<u>\$58,058,292</u>	<u>\$55,662,030</u>	<u>\$53,501,997</u>	<u>\$52,372,990</u>	
7.	Average Net Investment		61,079,339	60,058,239	58,711,248	56,860,161	54,582,014	52,937,494	n/a
8.	Return on Average Net Investment )								
a.	Equity Component (Line 7 * 4.9255%/12) (b)		<u>250,705</u>	<u>246,514</u>	<u>240,985</u>	<u>233,387</u>	<u>224,036</u>	<u>217,286</u>	1,412,915
b.	Equity Comp. grossed up for taxes		408,149	401,325	392,324	379,955	364,732	353,743	2,300,227
c.	Debt Component (Line 7 * 4.3642% /12)		222,135	218,422	213,523	206,791	198,506	192,525	1,251,902
9.	Total Return Requirements (Line 8b + 8c)		<u>630,284</u>	<u>619,747</u>	<u>605,847</u>	<u>586,746</u>	<u>563,237</u>	<u>546,267</u>	3,552,129
10.	Total Depreciation & Return (Line 3 + 9)		<u>\$3,144,030</u>	<u>\$3,134,972</u>	<u>\$3,100,913</u>	<u>\$3,183,948</u>	<u>\$3,164,964</u>	<u>\$3,175,948</u>	\$18,904,776

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

(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

FLORIDA POWER & LIGHT COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Commercial Industrial Load Control  
 For the Period October 1994 through March 1995

Line No.	Description	Beginning of Period	October	November	December	January	February	March	Total
1.	Investments (Net of Retirements)		\$0	\$0	\$0	\$0	(\$2)	\$2,856	\$2,854
2.	Depreciation Base		1,097,150	1,097,150	1,097,150	1,097,150	1,097,148	1,100,004	n/a
3.	Depreciation Expense (a)		22,689	22,689	22,689	22,689	22,689	22,788	136,233
4.	Cumulative Investment (Line 2)	\$1,097,150	1,097,150	1,097,150	1,097,150	1,097,150	1,097,148	1,100,004	n/a
5.	Less: Accumulated Depreciation	761,274	783,963	806,652	829,341	852,031	874,720	897,607	n/a
6.	Net Investment (Line 4 - 5)	\$335,876	\$313,187	\$290,498	\$267,809	\$245,119	\$222,428	\$202,398	
7.	Average Net Investment		\$324,532	\$301,843	\$279,154	\$256,464	\$233,774	\$212,413	n/a
8.	Return on Average Net Investment )								
a.	Equity Component (Line 7 * 4.9255%/12) (b)		1,332	1,239	1,146	1,053	960	872	6,601
b.	Equity Comp. grossed up for taxes		2,169	2,017	1,865	1,714	1,562	1,419	10,746
c.	Debt Component (Line 7 * 4.3642% /12)		1,180	1,098	1,015	933	850	773	5,849
9.	Total Return Requirements (Line 8b + 8c)		3,349	3,115	2,881	2,646	2,412	2,192	16,595
10.	Total Depreciation & Return (Line 3 + 9)		\$26,038	\$25,804	\$25,570	\$25,335	\$25,101	\$24,980	\$152,828

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

(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

FLORIDA POWER & LIGHT COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Monitoring Equipment  
 For the Period October 1994 through March 1995

Line No.	Description	Beginning of Period	October	November	December	January	February	March	Total	Line No.
1.	Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$600,556	\$8,360	\$608,916	1.
2.	Depreciation Base		1,559,973	1,559,973	1,559,973	1,559,973	2,160,529	2,168,889	n/a	2.
3.	Depreciation Expense (a)		26,083	26,083	26,083	26,083	36,092	31,297	171,721	3.
4.	Cumulative Investment (Line 2)	\$1,559,973	1,559,973	1,559,973	1,559,973	1,559,973	2,160,529	2,168,889	n/a	4.
5.	Less: Accumulated Depreciation	386,240	412,323	438,406	464,489	490,572	526,664	557,960	n/a	5.
6.	Net Investment (Line 4 - 5)	<u>\$1,173,733</u>	<u>\$1,147,650</u>	<u>\$1,121,567</u>	<u>\$1,095,484</u>	<u>\$1,069,401</u>	<u>\$1,633,865</u>	<u>\$1,610,929</u>		6.
7.	Average Net Investment		\$1,160,693	\$1,134,609	\$1,108,526	\$1,082,443	\$1,351,633	\$1,622,397	n/a	7.
8.	Return on Average Net Investment									8.
a.	Equity Component (Line 7 * 4.9255% /12) (b)		4,764	4,657	4,550	4,443	5,548	6,659	30,621	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		7,756	7,582	7,407	7,233	9,032	10,841	49,852	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		4,221	4,126	4,032	3,937	4,916	5,900	27,132	8c.
9.	<b>Total Return Requirements (Line 8b + 8c)</b>		<b>11,977</b>	<b>11,708</b>	<b>11,439</b>	<b>11,170</b>	<b>13,948</b>	<b>16,742</b>	<b>76,984</b>	9.
10.	<b>Total Depreciation &amp; Return (Line 3 + 9)</b>		<b>\$38,060</b>	<b>\$37,791</b>	<b>\$37,522</b>	<b>\$37,253</b>	<b>\$50,040</b>	<b>\$48,039</b>	<b>\$248,705</b>	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.  
 (b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-POF-EI, Docket No. 930612-EI.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT TO THEIR RESPECTIVE PROGRAMS

Program	Depreciation	Return	Total	October	November	December	January	February	March	Total
Window Treatment - Program 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential Ceiling Insulation - Program	0	3,391	3,391	0	3,391	0	3,391	4,692	4,069	18,933
Conservation Water Heating - Program 4	0	0	0	0	0	0	0	0	0	0
Residential Load Control - Program 5	26,083	8,607	34,690	11,977	3,864	3,775	3,686	4,603	5,525	33,429
HELP - Program 7	0	0	0	0	0	0	0	0	0	0
High Efficiency Res. HVAC - Program 11	0	4,956	4,956	0	4,956	0	4,956	6,858	5,946	27,671
Residential New Construction-Program	0	9,129	9,129	0	9,129	0	9,129	12,632	10,954	50,973
Common Expenses - Program 32	0	0	0	0	0	0	0	0	0	0
<b>Grand Total for all programs</b>	<b>\$38,060</b>	<b>\$37,791</b>	<b>\$75,851</b>	<b>\$38,060</b>	<b>\$37,791</b>	<b>\$37,522</b>	<b>\$37,253</b>	<b>\$50,040</b>	<b>\$48,039</b>	<b>\$248,705</b>

FLORIDA POWER & LIGHT COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Residential Load Control  
 For the Period April through September 1995

Line No.	Description	Beginning of Period	April	May	June	July	August	September	Total
1.	Investments (Net of Retirements)		\$1,536,114	\$1,388,249	\$2,748,834	(\$30,698,315)	\$3,429,016	\$2,996,175	(\$18,599,927)
2.	Depreciation Base		<u>148,341,837</u>	<u>149,730,086</u>	<u>152,478,920</u>	<u>121,780,605</u>	<u>125,209,621</u>	<u>128,205,796</u>	n/a
3.	Depreciation Expense (a)		<u>2,658,657</u>	<u>2,690,203</u>	<u>2,611,483</u>	<u>2,344,457</u>	<u>2,648,284</u>	<u>2,354,116</u>	15,307,200
4.	Cumulative Investment (Line 2)	\$146,805,723	148,341,837	149,730,086	152,478,920	121,780,605	125,209,621	128,205,796	n/a
5.	Less: Accumulated Depreciation	94,432,733	97,077,711	99,767,914	102,378,937	71,142,591	73,834,506	76,188,622	n/a
6.	Net Investment (Line 4 - 5)	<u>\$52,372,990</u>	<u>\$51,264,127</u>	<u>\$49,962,172</u>	<u>\$50,099,983</u>	<u>\$50,638,014</u>	<u>\$51,375,115</u>	<u>\$52,017,174</u>	
7.	Average Net Investment		51,818,559	50,613,150	50,031,078	50,368,999	51,006,565	51,696,145	n/a
8.	Return on Average Net Investment )								
a.	Equity Component (Line 7 * 4.9255%/12) (b)		<u>212,694</u>	<u>207,746</u>	<u>205,357</u>	<u>206,744</u>	<u>209,361</u>	<u>212,191</u>	
b.	Equity Comp. grossed up for taxes		346,266	338,211	334,321	336,579	340,840	345,448	2,041,663
c.	Debt Component (Line 7 * 4.3642% /12)		188,455	184,072	181,955	183,184	185,502	188,010	1,111,178
9.	Total Return Requirements (Line 8b + 8c)		<u>534,721</u>	<u>522,282</u>	<u>516,276</u>	<u>519,763</u>	<u>526,342</u>	<u>533,458</u>	3,152,842
10.	Total Depreciation & Return (Line 3 + 9)		<u>\$3,193,378</u>	<u>\$3,212,485</u>	<u>\$3,127,759</u>	<u>\$2,864,220</u>	<u>\$3,174,627</u>	<u>\$2,887,574</u>	\$18,460,043

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

(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

(c) Negative amounts in July represent the write-off of the cost and reserve of fully depreciated assets.

FLORIDA POWER & LIGHT COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Commercial Industrial Load Control  
 For the Period April through September 1995

Line No.	Description	Beginning of Period	April	May	June	July	August	September	Total
1.	Investments (Net of Retirements)		\$0	\$0	\$0	(\$774,008)	\$0	\$0	(\$774,008)
2.	Depreciation Base		1,100,004	1,100,004	1,100,004	325,996	325,996	325,996	n/a
3.	Depreciation Expense (a)		22,788	22,788	22,787	5,585	5,585	5,585	85,118
4.	Cumulative Investment (Line 2)	\$1,100,004	1,100,004	1,100,004	1,100,004	325,996	325,996	325,996	n/a
5.	Less: Accumulated Depreciation	897,607	920,393	943,181	965,968	197,545	203,130	208,715	n/a
6.	Net Investment (Line 4 - 5)	\$202,398	\$179,611	\$156,823	\$134,036	\$128,451	\$122,866	\$117,281	
7.	Average Net Investment		\$191,005	\$168,217	\$145,430	\$131,244	\$125,659	\$120,074	n/a
8.	Return on Average Net Investment )								
a.	Equity Component (Line 7 * 4.9255%/12) (b)		784	690	597	539	516	493	3,619
b.	Equity Comp. grossed up for taxes		1,276	1,124	972	877	840	802	5,891
c.	Debt Component (Line 7 * 4.3642% /12)		695	612	529	477	457	437	3,206
9.	Total Return Requirements (Line 8b + 8c)		1,971	1,736	1,501	1,354	1,297	1,239	9,098
10.	Total Depreciation & Return (Line 3 + 9)		\$24,759	\$24,524	\$24,288	\$6,939	\$6,882	\$6,824	\$94,216

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

(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

(c) Negative amounts in July represent the write-off of the cost and reserve of fully depreciated assets.

FLORIDA POWER & LIGHT COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Monitoring Equipment  
 For the Period April through September 1995

Line No.	Description	Beginning of Period	April	May	June	July	August	September	Total	Line No.
1.	Investment (Net of Retirements)		\$0	\$1,994	\$121,071	\$25,004	\$112,842	\$48,822	\$309,733	1.
2.	Depreciation Base		2,168,889	2,170,883	2,291,954	2,316,958	2,429,800	2,478,622	n/a	2.
3.	Depreciation Expense (a)		31,157	31,240	37,227	33,641	39,914	36,993	210,172	3.
4.	Cumulative Investment (Line 2)	\$2,168,889	2,168,889	2,170,883	2,291,954	2,316,958	2,429,800	2,478,622	n/a	4.
5.	Less: Accumulated Depreciation	557,960	589,117	620,358	657,585	691,227	731,141	768,134	n/a	5.
6.	Net Investment (Line 4 - 5)	<u>\$1,610,929</u>	<u>\$1,579,772</u>	<u>\$1,550,525</u>	<u>\$1,634,368</u>	<u>\$1,625,731</u>	<u>\$1,698,659</u>	<u>\$1,710,488</u>		6.
7.	Average Net Investment		\$1,595,352	\$1,565,149	\$1,592,447	\$1,630,050	\$1,662,195	\$1,704,574	n/a	7.
8.	Return on Average Net Investment									8.
a.	Equity Component (Line 7 * 4.9255% /12) (b)		6,548	6,424	6,536	6,691	6,823	6,997	40,019	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		10,661	10,459	10,641	10,892	11,107	11,390	65,151	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		5,802	5,692	5,791	5,928	6,045	6,199	35,458	8c.
9.	Total Return Requirements (Line 8b + 8c)		<u>16,463</u>	<u>16,151</u>	<u>16,433</u>	<u>16,821</u>	<u>17,152</u>	<u>17,590</u>	<u>100,609</u>	9.
10.	Total Depreciation & Return (Line 3 + 9)		<u>\$47,620</u>	<u>\$47,391</u>	<u>\$53,660</u>	<u>\$50,462</u>	<u>\$57,066</u>	<u>\$54,583</u>	<u>\$310,781</u>	10.

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

(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT TO THEIR RESPECTIVE PROGRAMS

Program	Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Window Treatment - Program 2	Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total	0	0	0	0	0	0	0
Residential Ceiling Insulation - Program	Depreciation	3,739	3,749	4,467	4,037	4,790	4,439	25,221
	Return	1,976	1,938	1,972	2,018	2,058	2,111	12,073
	Total	5,714	5,687	6,439	6,055	6,848	6,550	37,294
Conservation Water Heating - Program 4	Depreciation	0	0	0	0	0	0	0
	Return	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0
Residential Load Control - Program 5	Depreciation	12,151	12,184	14,519	13,120	15,566	14,427	81,967
	Return	6,420	6,299	6,409	6,560	6,689	6,860	39,237
	Total	18,572	18,482	20,927	19,680	22,255	21,287	121,205
HELP - Program 7	Depreciation	0	0	0	0	0	0	0
	Return	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0
High Efficiency Res. HVAC - Program 11	Depreciation	5,297	5,311	6,329	5,719	6,785	6,289	35,729
	Return	2,799	2,746	2,794	2,860	2,916	2,990	17,103
	Total	8,095	8,056	9,122	8,578	9,701	9,279	52,833
Residential New Construction-Program	Depreciation	9,970	9,997	11,913	10,765	12,772	11,838	67,255
	Return	5,268	5,168	5,258	5,383	5,489	5,629	32,195
	Total	15,238	15,165	17,171	16,148	18,261	17,466	99,450
Common Expenses - Program 32	Depreciation	0	0	0	0	0	0	0
	Return	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0
Grand Total for all programs		<u>\$47,620</u>	<u>\$47,391</u>	<u>\$53,660</u>	<u>\$50,462</u>	<u>\$57,066</u>	<u>\$54,583</u>	<u>\$310,781</u>

Docket No. 950002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(FAA-1)  
Schedule CT-5  
Page 1 of 1

Reconciliation and Explanation of  
Differences Between Filing and PSC Audit  
Reports for Months: October 1994 through September 1995

Audit Exception

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

Docket No. 950002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(FAA-1)  
Schedule CT-6  
Page 1 of 30

### **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 October 1994 through September 1995:** During this period 78,107 energy audits were completed. The estimate for this period was 66,714 energy audits.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$8,480,154 or \$107,506 more than projected. This program is on target with a less than two percent variance.

**Program Progress Summary:** Program inception to date, 1,280,353 energy audits have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Residential Ceiling Insulation

**Program Description:** A program designed to encourage the installation of ceiling insulation in residential dwellings which are equipped with whole-house electric air conditioning and/or electric heating but which have inadequate ceiling insulation.

**Program Accomplishments for October 1994 through September 1995:** During this period 17,622 installations were completed. The estimate for this period was 18,469 installations.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$2,586,053 or \$34,657 more than projected. This program is on target with a less than two percent variance.

**Program Progress Summary:** Program inception to date, 221,293 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Conservation Water Heating

**Program Description:** A program designed to promote the replacement of conventional electric water heaters with solar or heat recovery water heating equipment.

**Program Accomplishments for October 1994 through September 1995:** During this period 1,794 installations were completed. The estimate for this period was 2,401 installations.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$446,812 or \$24,826 more than projected. This program is on target with a five percent variance.

**Program Progress Summary:** Program inception to date, 81,944 installations have been completed.

### **PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Conservation Window Treatment

**Program Description:** A program designed to encourage the installation of window treatment on unshaded, single pane, clear glass with eastern, western and southern exposures in residential dwellings that utilize electric air conditioning.

**Program Accomplishments for October 1994 through September 1995:** During this period 18,939 installations were completed. The estimate for this period was 18,601 installations.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$1,444,900 or \$120,273 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, 250,927 installations have been completed.

### PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Residential Load Control

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

**Program Accomplishments for October 1994 through September 1995:** Installation of equipment at 32 additional substations was completed. An additional 59,113 customers signed up to participate in the program with 59,075 installations completed during this period. The estimate for the period was 32 additional substations and 56,075 new participants.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$69,371,464 or \$1,283,488 less than projected. This program is on target with a less than two percent variance.

**Program Progress Summary:** Program inception to date, installation of equipment at 273 substations has been completed, 418,814 customers have signed up to participate in the program and there are 410,340 active installations in customers' homes.

## 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 October 1994 through September 1995:** FPL received 532 MW of capacity at time of system peak and 4,627.9 GWh of purchase power from eight cogenerators and five small power producers. The estimate for the period was expected to include 550 MW of capacity at time of system peak and 4,678.4 GWh of purchase power.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$1,106,088 or \$29,695 less than projected. This program is on target with a less than three percent variance.

**Program Progress Summary:** Total MW under contract (facility size) is 1,149 MW of which 1,012 MW is committed capacity.

### PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Conservation H.E.L.P. (Home Energy Loss Prevention)

**Program Description:** A program designed to diagnose and repair air distribution system leakage and to provide for contractor installation of small energy conserving measures in customers' homes.

**Program Accomplishments for October 1994 through September 1995:** During this period 40,560 installations were completed. The estimate for this period was 43,415 installations.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$11,315,548 or \$1,652,250 more than projected due to a higher average cost per duct repair installation than anticipated.

**Program Progress Summary:** Program inception to date, 654,458 installations have been completed.

### 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 October 1994 through September 1995:** During this period total reduction was 40,283.77 kW. The estimate for this period was 18,901.60 kW.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$11,260,387 or \$4,714,393 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 86,734.77 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 October 1994 through September 1995:** During this period the demand reduction capability from program participants increased from 344.5 MW to 393.1 MW or an increase of 48.6 MW at the generator.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$23,009,223 or \$59,034 less than projected. This program is on target with a less than one percent variance.

**Program Progress Summary:** Program inception to date, participation in this program totals 393.1 MW at the generator.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Business Energy Evaluation

**Program Description:** This program, which was approved as the Commercial/Industrial "Walk-Thru" Energy Survey Program, is an energy audit program designed to identify and encourage implementation of demand and energy reducing measures in existing Commercial/Industrial facilities.

**Program Accomplishments for October 1994 through September 1995:** During this period 6,909 energy evaluations were completed. The estimate for this period was 5,338 energy evaluations.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$1,999,525 or \$1,166,063 less than projected due to supporting expenses such as professional services and travel related expenses being lower than anticipated.

**Program Progress Summary:** Program inception to date, 26,650 energy evaluations have been completed.

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## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** High-Efficiency Residential HVAC

**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 October 1994 through September 1995:** During this period 54,153 installations were completed. The estimate for this period was 51,206 installations.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$14,952,207 or \$3,211,748 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, 173,231 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Water-Cooled Chiller Replacement

**Program Description:** This program, which was approved as the Commercial/Industrial Retrofit Program for Water-Cooled Chillers, is designed to encourage energy conservation through the replacement of inefficient water-cooled electric chillers with energy-efficient water-cooled electric chillers.

**Program Accomplishments for October 1994 through September 1995:** During this period 60 chiller retrofit installations were completed, resulting in a reduction of 6,358 kW. The estimate for the period was the reduction of 3,394.45 kW.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$1,949,261 or \$695,137 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 30,870 kW and 237 installations.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Business Energy Evaluation - New Construction

**Program Description:** This program, which was approved as the Energy Efficiency for new Commercial/Industrial Facilities: Energy Systems Planning Program, is designed to provide a free evaluation of commercial and industrial customers' proposed facilities while in the design stage. The FPL representative will provide the customers with recommendations regarding practices and conservation programs that will reduce their demand and energy usage.

**Program Accomplishments for October 1994 through September 1995:** During this period 286 energy evaluations were performed. The estimate for the period was 306 evaluations.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$235,064 or \$389,785 less than projected due to supporting expenses such as professional services and travel related expenses being lower than anticipated.

**Program Progress Summary:** Program inception to date, 611 energy evaluations have been completed.

### **PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Commercial/Industrial Thermal Energy Storage

**Program Description:** A program designed to encourage summer on-peak demand reduction by increasing the use of thermal energy storage for space cooling. Cash incentives are offered to participating customers.

**Program Accomplishments for October 1994 through September 1995:** During this period there were 16 installations for a total reduction of 3,131 kW. The estimate for this period was the reduction of 3,486.96 kW.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$1,833,329 or \$446,099 less than projected due fewer installations than anticipated.

**Program Progress Summary:** Program inception to date total reduction is 12,955 kW and 63 installations.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Commercial/Industrial Hot Water Storage Research Project

**Program Description:** To identify an innovative method of heating and storing hot water during FPL's off peak hours and utilizing this stored hot water during the hours of FPL's system peak. This research will also identify the associated potential kW and kWh savings.

**Program Accomplishments for October 1994 through September 1995:** Accomplishments during this period included the completion of Phase III of the Project, and beginning of Phase IV. Fabrication and installation of a residential size unit at a test home were completed, and thermal performance testing and simulation begun. A commercial size storage water heater was completed and shipped to the University of Florida by the manufacturing partner and was installed.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$59,010 or \$13,346 more than projected due to activity schedule changes and timing of expenditures associated with these changes.

**Program Progress Summary:** The project continues to run slightly behind schedule as a result of commercial unit manufacturing and installation delays. Thermal performance and simulation tests continue for the residential unit. Installation of commercial unit has been completed and thermal testing has begun. Simulation testing will begin shortly.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Residential Thermal Energy Storage Research Project

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

**Program Accomplishments for October 1994 through September 1995:** Program accomplishments during this period included the completion of data collection by the Florida Solar Energy Center (FSEC), monitoring and data analysis for a test home in Orlando. Received draft of project final report from FSEC for review and comments. Negotiated and scheduled lab testing of fifty-four ton hour unit at the FSEC, however, project was cancelled by the manufacturer due to unfavorable economics of the project.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$26,545 or \$121,561 less than projected due to slow development in the technology and cancellation of prototypes by various vendors.

**Program Progress Summary:** Final report of Orlando test home produced by FSEC. Conclusions reached are that system tested is not suitable for the Florida environment without major modifications. Final negotiations underway with homeowner, other utilities, FSEC and developer to close out the Orlando test. Alternative RTES systems are being sought for testing within scope of current project.

### **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 October 1994 through September 1995:** This period included the development of new programs and the Technology Assessment of products/concepts for potential DSM opportunities. (See supplement for description).

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$530,461 or \$287,681 less than projected due to delays in contract negotiations and a cancelled project in the area of manufactured housing.

**Program Progress Summary:** Program development is proceeding and selected products/concepts have been assessed.

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

<b>Technology Assessment</b>	<b>Description</b>	<b>Status</b>
Moisture Test Phase I	A test was performed to measure the degradation of an air conditioning systems' efficiency caused by moisture in the refrigerant.	It was found that there was only a 5% decrease in COP with a 600 PPM content of moisture in the refrigerant and a 14% decrease in efficiency with 2400 PPM of moisture in the refrigerant.
Moisture Test Phase II	Field test will be conducted to identify the level of moisture in air conditioning systems currently in use.	University of Florida is conducting field surveys for both residential and commercial air conditioning units.
Cool Mist Phase I	Lab evaluation of long term effect of cool mist on condensate surface of 3 ton residential air conditioning system.	University of Florida preparing draft report on lab data.
Cool Mist Phase II	Field test to be conducted of long term effect of cool mist on condensate surface of 3 ton residential air conditioning system.	University of Florida setting up equipment for field testing.
Effect of Level of Charge	Evaluate the effect of change under field conditions on the performance of air conditioner.	University of Florida preparing draft report on lab data.

Supplement to Schedule CT-6

Conservation Research & Development (CRD) Activities

Technology Assessment	Description	Status
Cooling Tower Enhancements	Evaluate cooling tower technologies such as rebuilding and ozonization for cost effective DSM programs. Two speed and variable speed motors were evaluated as part of the Conservation Goals Docket.	University of Miami is conducting the research to evaluate the advantages and disadvantages for the different cooling tower enhancements which are commercially available.
Motordyne	The motordyne is an electronic waveform clipping device that is installed in the electrical circuit between the line outlet and an induction motor such that the electrical energy used by the motor passes through the motordyne.	This product was lab tested utilizing a non-corrected motor and the results did not identify this product as a viable energy conservation measure.
Desiccant Enhanced air conditioning system	Evaluate the concept performance of the Desiccant Enhanced air conditioning system.	The Florida Solar Energy Center has conducted testing for three different desiccant wheels using the Desiccant Enhanced air conditioning system concept.
Electric Desiccant Research study.	Evaluate the efficiency of a total electric desiccant air conditioning system.	Contract negotiations have been ongoing.

**Supplement to Schedule CT-6**

**Conservation Research & Development (CRD) Activities**

<b>Program Development</b>	<b>Description</b>	<b>Status</b>
Commercial Building Envelope Program	Evaluate the potential for implementing a commercial Building Envelope program that could include technologies such as low E glass, double pane windows, exterior and interior shading, attic insulation and building roof insulation.	These measures are included in the Commercial Building Envelope petition as part of FPL's DSM plan.
Residential Building Envelope Program	Evaluate the potential for expanding the existing Residential Building Envelope program that could include technologies such as low E glass, double pane windows, exterior and interior shading, radiant barriers, reflective roof coating and increased insulation materials.	These measures are included in the Residential Building Envelope petition as part of FPL's DSM plan.
Autoclaved Cellular, Concrete Home	Evaluate the thermal performance of autoclaved cellular, concrete for single-family homes and its' impact on cooling and heating load.	FSEC preparing report on Phase I: Summer Data.

Supplement to Schedule CT-6

Conservation Research & Development (CRD) Activities

Program Development	Description	Status
Commercial Lighting Controls	Evaluate the potential for commercial lighting controls that could include such technologies as electronic lighting systems, lighting controls, day lighting, etc..	Currently working with the Florida Coordinating Group for occupancy sensors developing a day lighting research and development petition.
Demand Load Control Trial Project	Evaluate the potential for the implementation of a demand load control program.	Filed a petition as part of FPL's DSM plan. Approved as a R&D project.
Standby Capacity (Back-up generators)	Evaluates use of special switchgear package which allows customers to operate their back-up generators in continuous parallel with the FPL grid.	Evaluated as part of a new feature of the CILC Program. Payback for this package are unattractive to customers. Program will not be offered.

### **PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** General Service Load Control Trial Project

**Program Description:** The GS Load Control Trial Project applied load control to the air conditioning systems of up to 50 Dade County FPL customers in the GS-1 class. Data will be gathered and analyzed to better determine the feasibility of a full program.

**Program Accomplishments for October 1994 through September 1995:** Program accomplishments during this period consisted primarily of removal of monitoring equipment.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$13,606 or \$4,692 more than projected.

**Program Progress Summary:** The pilot program has been completed.

## **PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Efficient Motors Program

**Program Description:** A program designed to encourage qualified customers to select a high efficiency motor over a standard efficiency motor at replacement or new installation.

**Program Accomplishments for October 1994 through September 1995:** During this period 406 installations were completed, resulting in a reduction of 148 kW. The estimate for this period was 303 kW.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$76,798 or \$168,097 less than projected due to lower number of participants than projected.

**Program Progress Summary:** Program inception to date, total reduction is 319.16 kW and 894 participants.

### PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Program for High Efficiency Split/Package DX Air-Conditioning

**Program Description:** A program designed to encourage qualified customers to purchase commercial DX air-conditioning equipment with energy efficiencies above Florida's Energy Efficiency Code.

**Program accomplishments for October 1994 through September 1995:** During this period 2,725 installations were completed, resulting in a reduction of 6,758.05 kW. The estimate for the period was the reduction of 6,052.44 kW.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$3,138,207 or \$809,502 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 12,776.05 kW and 4,336 installations.

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## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Program for Air-Cooled Chiller Efficiency Enhancements

**Program Description:** A program designed to encourage qualified customers to install energy-efficient electric air-cooled or water-cooled chillers in the new construction and retrofit markets.

**Program accomplishments for October 1994 through September 1995:** During this period there were 12 installations completed for a total reduction of 1,235 kW. The estimate for the period was the reduction of 1,536 kW.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$543,273 or \$26,036 less than projected. This program is on target with a less than five percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 3,241 kW and 34 installations.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Residential New Home Construction Research Project

**Program Description:** The objective of this project is to investigate, quantify and determine the cost-effectiveness of the conservation opportunities available in the residential, detached, single-family home construction market.

**Program accomplishments for October 1994 through September 1995:** During this period program accomplishments included completion of research analysis, pilot program evaluation, final report, filing of research findings with program recommendations and the continued support/participation in the BuildSmart pilot program.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$2,637,464 or \$99,717 more than projected. This program is on target with a less than four percent variance.

**Program Progress Summary:** The research project is complete. The final report including program recommendations were filed on June 1, 1995. Currently, recommendations for a system wide residential new construction program filing is under development.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Business Custom Incentive

**Program Description:** A program designed to assist FPL's commercial and industrial customers 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 accomplishments for October 1994 through September 1995:** During this period six projects totalling an estimated 599 kW peak demand reduction have met the criteria for participation in the program.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$133,442 or \$88,851 less than projected due to timing of completion of projects .

**Program Progress Summary:** Program inception to date, 28 projects have been reviewed for eligibility and cost-effectiveness.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Dehumidification Research Project

**Program Description:** The purpose of this project is to research the potential reduction impact of ASHRAE Standard 62-1989 on FPL's HVAC demand and energy consumption and identify dehumidification technologies that may be employed cost-effectively in different commercial and industrial building types.

**Program accomplishments for October 1994 through September 1995:** During this period computer simulations for small office, large office, fast food restaurants, schools and supermarkets have been completed. Ongoing simulation work for retail and hotel/motel is being conducted. The contract for the installation of equipment at the supermarket demonstration site has been awarded.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$80,618 or \$51,961 less than projected due to delays in the installation of equipment at the supermarket demonstration site.

**Program Progress Summary:** Computer simulations have been completed for five of the seven different building types. FPL's Daytona and North Dade District offices have been retrofitted and monitoring is underway.

## 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 October 1994 through September 1995:** During this period program accomplishments included the reduction of 1,042 kW. The estimate for the period was 645.48 kW.

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$172,380 or \$28,643 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 2,016 kW.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Common Expenses

**Program Description:** Expenses common to all programs.

**Program Accomplishments:** N/A

**Program Fiscal Expenditures for October 1994 through September 1995:** Total expenditures were \$12,748,009 or \$4,584,079 less than projected due to not performing some of the projects anticipated and timing difference for some of the payments.

**Program Progress Summary:** N/A