## STATE OF FLORIDA

Commissioners: JOE GARCIA, CHAIRMAN J. TERRY DEASON SUSAN F. CLARK JULIA L. JOHNSON E. LEON JACOBS, JR.



TIMOTHY DEVLIN, DIRECTOR AUDITING & FINANCIAL ANALYSIS (850) 413-6480

# Public Service Commission

July 8, 1999

Mr. John T. English Florida Public Utility Company P. O. Box 3395 West Palm Beach, FL 33402-3395

Re: Docket No. 990002-EG; Florida Public Utility Company Audit Report; Conservation - Period Ended December 31, 1998 Audit Control No. 99-062-4-2

Mr. English:

The Enclosed audit report is forwarded for your review. If you desire to file a response to the audit, please file one with the Division of Records and Reporting so it may be forwarded for consideration by the staff analysts in their review of the audit.

Sincerely,

brise Mandiver

Denise N. Vandiver Bureau Chief - Auditing Services

DNV: sp

<b>a</b> ta	cc:	<ul> <li>Division of Records and Reporting</li> <li>Division of Auditing and Financial Analysis (Devlin/Causseaux/File Folder)</li> <li>Division of Electric and Gas (Colson)</li> </ul>	ER-DATE L -9 9
app Caf	an a tha an	Miami District Office (Welch)	NUMBER
CAP		Division of Legal Services	3
CTR EAG LEG MAS OPC RRR		Office of Public Counsel Research and Regulatory Review (Harvey)	DOCUMENT 0819
SEC WAW OTH	فيقبوا فتحيذا بيبار الإنصار البيريسة	CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD • TALLAHASSEE, FL 32399-0865 An Affirmative Action/Equal Opportunity Employer Website: www.scri.net/psc Internet E-mail: contact@psc.state.fl.us	



## FLORIDA PUBLIC SERVICE COMMISSION

BUREAU OF AUDITING SERVICES

Miami District Office

FLORIDA PUBLIC UTILITY COMPANY

CONSERVATION COST RECOVERY CLAUSE

YEAR ENDED DECEMBER 31, 1998

DOCKET NO. NO. 990002-EG AUDIT CONTROL NO. 99-062-4-2

Yen Ngo, Audit Manager

Kathy Welch, Audit Supervisor

## TABLE OF CONTENTS

τ.,

I.	AUDITOR'S REPORT	PAG	Æ
	AUDIT PURPOSE	• • • •	. 1
	SCOPE LIMITATION		. 1
	DISCLAIM PUBLIC USE	• • • •	. 1
	OPINION		. 1
	SUMMARY OF SIGNIFICANT PROCEDURES		. 2

## II. DISCLOSURES

1	PROMOTIONAL MERCHANDISE	3
1.		-

## IV. EXHIBITS

.

\* i

CT-3 SCHEDULES 4/98 - 12/98	 5
	 -

## DIVISION OF AUDITING AND FINANCIAL ANALYSIS AUDITOR'S REPORT June 23, 1999

4

### **TO: FLORIDA PUBLIC SERVICE COMMISSION AND OTHER INTERESTED PARTIES**

We have applied the procedures described in this report to audit the Conservation True-Up schedules for the historical 9-month period ended December 31, 1998 for Florida Public Utilities Company. These schedules were prepared by the utility as part of its petition for conservation recovery in Docket 990002-EG. There is no confidential information associated with this audit, and there are no audit staff minority opinions.

This is an internal accounting report prepared after performing a limited scope audit. Accordingly, this document must not be relied upon for any purpose except to assist the Commission staff in the performance of their duties. Substantial additional work would have to be performed to satisfy generally accepted auditing standards and produce audited financial statements for public use.

In our opinion, the schedules referred to above present fairly, in all material respects, the utility's books and records, maintained in conformity with the accounting practices prescribed by the Florida Public Service Commission. The attached findings discuss all differences and other matters which were noted during our examination.

### SUMMARY OF SIGNIFICANT PROCEDURES

Our audit was performed by examining, on a test basis, certain transactions and account balances which we believe are sufficient to base our opinion. Our examination did not entail a complete review of all financial transactions of the company. Our more important audit procedures are summarized below. The following definitions apply when used in this report:

Scanned - The documents or accounts were read quickly looking for obvious errors.

**Compiled** - The exhibit amounts were reconciled with the general ledger, and accounts were scanned for error or inconsistency.

**Reviewed** - The exhibit amounts were reconciled with the general ledger. The general ledger account balances were traced to subsidiary ledgers, and selective analytical review procedures were applied.

**Examined** - The exhibit amounts were reconciled with the general ledger. The general ledger account balances were traced to subsidiary ledgers. Selective analytical review procedures were applied, and account balances were tested to the extent further described.

**Confirmed** - Evidential matter supporting an account balance, transaction, or other information was obtained directly from an independent third party.

Verify - The item was tested for accuracy, and substantiating documentation was examined.

**REVENUES:** Recalculated revenues using rates billed from the company rate deck and kilowatts sold from the revenue and rate reports. Traced rates billed to Commission Orders.

**EXPENSES:** Reviewed expenses for material amounts and changes from last period. Selected material amounts to trace to invoices to determine applicability to the conservation program. Ads were reviewed to determine applicability to the conservation program. Ads were reviewed to determine compliance with Commission policy.

**TRUE-UP:** Recalculated the true-up and verified the beginning true-up to the orders and the interest rates to the Wall Street Journal.

### Audit Disclosure

### **Disclosure No.1**

### Subject: Promotional Merchandise

Statement of Fact: During the nine months ended December 31, 1998, the company purchased promotional merchandise of \$12,679.29 for the Good Cents Program. This merchandise was recorded in Marianna and Fernandina Customer Assistance Expense accounts as follows:

	Invoice	Marianna	Fernandina	
Description	No.	114.4010.908	115.4010.908	Total
White Golf Shirt	1051539	\$868.90	\$868.92	\$1,737.82
Butterfly - Yoyo	1051504	\$424.18	\$424.20	\$848.38
4" Chip Clip	1051503	\$189.56	\$189.56	\$379.12
Colonial 6 Function Knife	1051085	\$665.84	\$665.84	\$1,331.68
Mini Sports Bottle	1050444	\$235.04	\$235.06	\$470.10
12 oz. Duffle Bag	1053187	\$1361.13	\$0.00	1,361.13
Contractors Planner Manual/Calendar	1052743	\$437.72	\$437.71	\$875.43
20" Beach Ball	1052206	\$261.60	\$261.62	\$523.22
20" Nylon Team Bag	1051493	\$829.28	\$829.28	\$1,658.56
All Pro	1051075	\$372.56	\$372.58	\$745.14
Round Stress Ball	1053481	\$212.16	\$212.15	\$424.31
13 1/2"Pro Fisherman Schrade				
Knife W/ sheath Blade Etch	1052199	\$1,162.20	\$1,162.20	\$2,324.40
TOTAL		\$7,020.17	\$5,659.12	\$12,679.29

The promotional merchandise only contained the logo of the Good Cents Program.

According to Commission Rule 25-17.015 Florida Administrative Code, "In determining whether an advertisement is 'directly related to an approved conservation program', the Commission shall consider, but is not limited to, whether the advertisement or advertising campaign:

- 1. Identifies a specific problem;
- 2. States how to correct the problem; and
- 3. Provides direction concerning how to obtain help to alleviate the problem."

**Opinion:** Although the promotional merchandise contained the logo of the Good Cents Program which is conservation related, it did not meet the above criteria. Therefore, \$7,020.17 for Marianna and \$5,659.12 for Fernandina did not meet the rule requirements.

## III. EXHIBITS

· ·

SCHEDULE CT-3 PAGE 2 OF 3 .

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS April-98 THROUGH December-98

:

	8.	CONSERVATION REVENUES	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				TOTAL
	1.	RESIDENTIAL CONSERVATION													0
	2.	CONSERVATION ADJ. REVENUES	7,002	7,796	10,901	12,538	10,818	10,894	9,804	7,618	7,933	00	0	0	85,304
	3.	TOTAL REVENUES	7,002	7,796	10,901	12,538	10,818	10,894	9,804	7,618	7,933	0	0	0	85,304
	4.	PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	9,376	9,376	9,376	9,376	9,376	9,376	9,376	9,376	9,376			0	84,384
	5	CONSERVATION REVENUE APPLICABLE	16,378	17,172	20,277	21,914	20,194	20,270	19,180	16,994	17,309	0	0	0	169,688
	6.	CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	8,099	9,219	9,716	19,107	9,962	9,676	26,073	9,635	11,599	0	0	0	113,086
	7.	TRUE-UP THIS PERIOD (LINE 5 - 6)	8,279	7,953	10,561	2,807	10,232	10,594	(6,893)	7,359	5,710	0	0	0	56,602
J	8.	INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	517	511	516	509	494	486	437	410	392	0	0	0	4,272
	9.	TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	112,506	111,926	111,014	112,715	108,655	108,005	109,709	93,877	92,270		0	0	112,506
	9 <b>A</b> .	DEFERRED TRUE-UP BEGINNING OF PERIOD													
	10.	PRIOR TRUE-UP COLLECTED (REFUNDED)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376	) (9,376)	(9,376)	0	0	0	(84,384)
	11.	TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	111,926	111,014	112,715	106,655	108,005	109,709	93,877	92,270	88,996	0	0	0	88,996

EXHIBIT NO. DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 6 OF 38

SCHEDULE CT-3 PAGE 3 OF 3

-

.

## CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS April-98 THROUGH December-98

:

с.	INTEREST PROVISION	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	112,506	111,926	111,014	112,715	106,655	108,005	109,709	93,877	92,270	0	0	0	112,506
2.	ENDING TRUE-UP BEFORE INTEREST (LINES 87+89+89A+810)	111,409	110,503	112,199	106,146	107,511	109,223	93,440	91,860	88,604	0	0	0	84,724
3.	TOTAL BEG. AND ENDING TRUE-UP	223,915	222,428	223,212	218,860	214,165	217,227	203,148	185,736	180,873	0	0	0	197,230
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	111,957	111,214	111,606	109,430	107,083	108,614	101,574	92,868	90,437	0	0	0	98,615
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.55%	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%	0.00%	0.00%	0.00%	
6	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%	4.90%	0.00%	0.00%	0.00%	
7.	TOTAL (LINE C-5 + C-6)	11.08%	11.03%	11.10%	11.16%	11.08%	10.74%	10.32%	10.60%	10.40%	0.00%	0.00%	0.00%	
ON 8.	AVG. INTEREST RATE (C-7 X 50%)	5.64%	5.52%	5.55%	5.58%	5.54%	5.37%	5.16%	5.30%	5.20%	0.00%	0.00%	0.00%	
9.	MONTHLY AVERAGE INTEREST RATE	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.000%	0.000%	0.000%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	517	511	516	509	494	486	437	410	392	0	0	0	4,272

EXHIBIT NO. DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 7 OF 38

#### ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS April-98 THROUGH December-98

7

CONSERVATION EXPENSE Α. BY PROGRAM APRIL MAY JUNE JULY AUGUST SEPTEMBE OCTOBER NOVEMBER DECEMBER TOTAL 861 235 204 1. In Concert with the Environment 0 0 292 11,443 288 383 0 0 0 13,706 416 3,272 373 1,015 414 262 185 Direct Leakage Repair 298 549 2. 0 0 0 6,784 **Residential Geothermal Heat Pump** 39 119 285 310 190 109 165 3. 9 16 0 1,242 0 n 2,777 1,243 Residential Energy Audits 1,492 1,491 1,857 1,196 4. 2,311 1,684 1,579 0 15,630 0 0 Low Income Customer Energy Audits 75 155 164 594 46 263 902 667 327 0 5 0 0 3,193 772 6. FPU Express 540 976 458 547 624 1,221 1.480 1.791 0 0 0 8,409 5,353 Enhanced Good Cents Home 1,050 1,299 1,002 1,817 1,859 2,654 1,225 7. 2,444 0 0 0 18,703 93 46 189 100 Commercial/Industrial Good Cents Building 109 247 1,233 937 919 8. 0 3,873 0 0 Commercial/Industrial Energy Audits & Tech. As 323 448 222 4,309 414 225 397 155 315 9. 0 0 6,808 0 3,253 3,468 3,426 3,694 10. Common 4,749 4,518 5,505 2,998 3,127 0 a ß 34,738 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. TOTAL ALL PROGRAMS 8,099 9,219 9,716 19,107 9,962 9,676 26,073 9,635 11,599 0 0 0 113,086 22. LESS AMOUNT INCLUDED IN RATE BASE 23. RECOVERABLE 9,716 19,107 9,962 9,676 26,073 9,635 11,599 0 0 0 113,086 8,099 9,219 CONSERVATION EXPENSES

> EXHIBIT NO. \_\_\_\_\_ DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 5 OF 38

SCHEDULE CT-3 PAGE 1 OF 3

CONSERVATION COSTS PER PROGRAM-VARIANCE ACTUAL VS PROJECTED VARIANCE ACTUAL VS PROJECTED

FOR MONTHS April

 $\infty$ 

April-98 THROUGH December-98

:

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.	In Concert with the Environment	370	0	0	0	(100)	(2,000)	0	0	0	0	(1,730)		(1,730)
2.	Direct Leakage Repair	38	97	0	(300)	(200)	(301)	0	(200)		(200)	(1,066)	0	(1,066)
3.	Residential Geothermal Heat Pump	(19)		0	(200)	(200)	(300)	(100)	(200)	0	(200)	(1,419)	0	(1,419)
4.	Residential Energy Audits	253	(615)	0	0	(200)	325	(700)	(200)		(200)	(1,337)	0	(1,337)
5.	Low Income Customer Energy Audits	237	(300)	0	(200)	(200)	320	37	(200)		(300)	(606)	0	(606)
6.	FPU Express	253	1,398	0	(300)	(200)	320	0	(100)		(300)	1,071	0	1,071
7.	Enhanced Good Cents Home	350	663	0	(500)	(200)	14	(800)	(158)		(300)	(931)	0	(931)
8.	Commercial/Industrial Good Cents Building	(147)		0	(300)	(200)	320	(283)	(200)		(300)	(544)	0	(544)
9.	Commercial/Industrial Energy Audits & Tech. As			0	(800)	(200)	(299)	(300)	(201)		(300)	(2,530)		(2,530)
10.	Common	(3,189)	) 0	(1,000)	0	704	61	99	1,437	0	13	(1,875)	0	(1,875)
11.														
12.														
13.														
14.														
15.														
16.														
17.														
18.														
19.														
20.					·····					······				
5	TOTAL ALL PROGRAMS	(2,344	) 1,669	(1,000)	(2,600)	(996)	(1,540)	(2,047)	(22)	) 0	(2,087)	(10,967)	0	(10,967)

EXHIBIT NO. DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 4 OF 38 ~

SCHEDULE CT-3 PAGE 2 OF 3

0

5,392

CALCULATION OF TRUE-UP AND INTEREST PROVISION FOR MONTHS April-98 THROUGH December-98

**B. CONSERVATION REVENUES** APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER TOTAL RESIDENTIAL CONSERVATION 1 6,161 2 CONSERVATION ADJ. REVENUES 6,648 10,147 11,205 9,619 9,724 9,129 8,109 7,893 0 0 0 78,635 TOTAL REVENUES 6,161 3. 6,648 10,147 11,205 9,619 9,724 9,129 8,109 7,893 0 0 0 78,635 4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD 8,591 8,691 8,591 8,591 8,591 8,591 8,591 8,591 8,591 103,095 0 ٥ 0 CONSERVATION REVENUE APPLICABLE 14,752 15,239 5. 18,738 19,796 18,210 18,315 17,720 16,700 16,484 0 0 0 181,730 CONSERVATION EXPENSES (FROM CT-3, 6. PAGE 1, LINE 23) 5,990 7,438 7,794 21,146 7,808 8,440 21,945 10,593 7,670 0 0 0 98,824 TRUE-UP THIS PERIOD (LINE 5 - 6) 8,762 7,801 10,944 (1,350) 10,402 7. 9,875 (4,225) 6,107 8,814 0 0 0 82,906 INTEREST PROVISION THIS PERIOD 8 (FROM CT-3, PAGE 3, LINE 10) 635 634 633 613 644 604 558 542 0 529 0 0 TRUE-UP AND INTEREST PROVISION 9 9. BEGINNING OF MONTH 137,457 138,263 138,107 141,104 131,796 134,220 136,108 123,850 121,908 0 0 0 137,457 DEFERRED TRUE-UP BEGINNING 9A. OF PERIOD PRIOR TRUE-UP COLLECTED 10. (8,591) (8,591) (8,591) (8,591) (8,591) (8,591) (8,591) (8,591) (8,591) 0 0 (103,095) (REFUNDED) 0 TOTAL NET TRUE-UP 11. 138.263 138,107 141,104 131,796 134,220 136,108 123,850 121,908 122,660 0 0 0 122,660 (LINES 7+8+9+9A+10)

> EXHIBIT NO. DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 25 OF 38

.

SCHEDULE CT-3 PAGE 3 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

10

FOR MONTHS April-98 THROUGH December-98

c.	INTEREST PROVISION	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	137,457	138,263	138,107	141,104	131,796	134,220	136,108	123,850	121,908	0	0	0	137,457
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	137,628	137,473	140,460	131,163	133,607	135,504	123,292	121,366	122,131	0	0	0	117,268
3.	TOTAL BEG. AND ENDING TRUE-UP	275,085	275,737	278,568	272,268	265,404	269,725	259,401	245,217	244,040	D	0	0	254,725
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	137,543	137,868	139,284	136,134	132,702	134,862	129,700	122,608	122,020	0	0	0	127,363
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.55%	5.53%	5.50%	5.60%	5.56%	6.52%	5.22%	5,10%	5.50%				
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.53%	5.50%	5.60%	5.56%	6.52%	5.22%	5.10%	5.50%	4.90%				
7.	TOTAL (LINE C-5 + C-6)	11.08%	11.03%	11.10%	11.16%	11.08%	10.74%	10.32%	10.60%	10.40%	0.00%	0.00%	0.00%	
8.	AVG. INTEREST RATE (C-7 X 50%)	5.54%	5.52%	5.55%	5.58%	5.54%	5.37%	5.16%	5.30%	5.20%	0.00%	0.00%	0.00%	
9.	MONTHLY AVERAGE INTEREST RATE	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.000%	0.000%	0.000%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	635	634	644	633	613	604	558	542	529	0	0	0	5,392

EXHIBIT NO. DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 26 OF 38

## ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION SUMMARY OF EXPENSES BY PROGRAM BY MONTH

:

FOR MONTHS April-98 THROUGH December-98

### A. CONSERVATION EXPENSE

Α.	CONSERVATION EXPENSE													
	BY PROGRAM	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBE	OCTOBER	NOVEMBER DI	ECEMBER				TOTAL
1.	In Concert with the Environment	285	212	93	107	97	73	11,315	28	130	0	0	0	12,340
2.	Direct Leakage Repair	180	504	397	2,831	153	286	611	184	92	0	0	0	5,238
3.	Residential Geothermal Heat Pump	158	105	499	232	112	176	102	88	72	0	0	0	1,544
4	Residential Energy Audits	630	1,425	1,572	1,438	975	1,171	2,349	1,680	501	0	0	0	11,741
5.	Low Income Customer Energy Audits	9	51	54	59		132	780		85	0	0	0	1,914
6.	FPU Express							1,010			0	0	0	6,662
7.	Enhanced Good Cents Home							1,016				0	0	11,384
8.	Commercial/Industrial Good Cents Building											0	0	3,317
9.	Commercial/Industrial Energy Audits & Tech. As											0	0	15,492
10.	Common	2,745	2,940	3,442	3,791	3,399	3,263	3,528	4,167	1,917	0	0	0	29,192
11.														
20.														
	-								40.500	~ ~~~				
21.	TOTAL ALL PROGRAMS	5,990	7,438	7,794	21,146	7,808	8,440	21,945	10,593	7,670	0	U	0	98,824
22	LESS AMOUNT INCLUDED IN RATE BASE													
22														
23.	CONSERVATION EXPENSES	5,990	7,438	7,794	21,146	7,808	8,440	21,945	5 10,593	7,670	0	0	0	98,824
	1. 22. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21.	BY PROGRAM         1.       In Concert with the Environment         2.       Direct Leakage Repair         3.       Residential Geothermal Heat Pump         4.       Residential Energy Audits         5.       Low Income Customer Energy Audits         6.       FPU Express         7.       Enhanced Good Cents Home         8.       Commercial/Industrial Good Cents Building         9.       Commercial/Industrial Energy Audits & Tech. As         10.       Commercial/Industrial Energy Audits & Tech. As         11.       Commercial/Industrial Energy Audits & Tech. As         12.       Common         13.       14.         15.       15.         16.       17.         17.       18.         18.       19.         20.       20.         21.       TOTAL ALL PROGRAMS         22.       LESS AMOUNT INCLUDED IN RATE BASE         23.       RECOVERABLE	BY PROGRAM     APRIL       1.     In Concert with the Environment     285       2.     Direct Leakage Repair     180       3.     Residential Geothermal Heat Pump     158       4.     Residential Energy Audits     630       5.     Low Income Customer Energy Audits     9       6.     FPU Express     384       7.     Enhanced Good Cents Home     385       8.     Commercial/Industrial Good Cents Building     176       9.     Commercial/Industrial Energy Audits & Tech. As     1,038       10.     Commercial/Industrial Energy Audits & Tech. As     1,038       10.     Common     2,745       11.     12.     13.       12.     13.     14.       13.     14.     15.       14.     15.     5,990       22.     LESS AMOUNT INCLUDED IN RATE BASE     5,990       23.     RECOVERABLE	BY PROGRAM         APRiL         MAY           1.         In Concert with the Environment         285         212           Direct Leakage Repair         180         504           3.         Residential Geothermal Heat Pump         158         105           4.         Residential Energy Audits         630         1,425           5.         Low Income Customer Energy Audits         9         51           6.         FPU Express         384         954           7.         Enhanced Good Cents Home         385         704           8.         Commercial/Industrial Good Cents Building         176         129           9.         Commercial/Industrial Energy Audits & Tech. As         1,038         414           10.         Common         2,745         2,940           11.         12.         13.         14.         15.           13.         14.         15.         16         17.           18.         20.         2.         2.         1.           21.         TOTAL ALL PROGRAMS         5,890         7,438           22.         LESS AMOUNT INCLUDED IN RATE BASE         2.         2.           23.         RECOVERABLE         1.	BY PROGRAM         APRIL         MAY         JUNE           1.         In Concert with the Environment         285         212         93           2.         Direct Leakage Repair         180         504         397           3.         Residential Geothermal Heat Pump         158         105         499           4.         Residential Energy Audits         630         1,425         1,572           5.         Low Income Customer Energy Audits         9         51         54           6.         FPU Express         384         954         601           7.         Enhanced Good Cents Home         385         704         811           8.         Commercial/Industrial Good Cents Building         176         129         51           9.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274           10.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274           11.         Incomercial/Industrial Energy Audits & Tech. As         1,038         414         274           12.         Common         2,745         2,940         3,442           13.         Incomercial/Industrial Energy Audits & Tech. As         5,990 <td>BY PROGRAM         APRIL         MAY         JUNE         JULY           1.         In Concert with the Environment         285         212         93         107           2.         Direct Leakage Repair         180         504         397         2,831           3.         Residential Geothermal Heal Pump         158         105         499         232           4.         Residential Energy Audits         630         1,425         1,572         1,438           5.         Low Income Customer Energy Audits         9         51         54         58           6.         FPU Express         384         964         601         1,052           7.         Enhanced Good Cents Home         385         704         811         1,675           8.         Commercial/Industrial Good Cents Building         176         129         51         143           9.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818           10.         Common         2,745         2,940         3,442         3,791           11.         1.         1.         1.         1.         1.           13.         1.         1.</td> <td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST           1.         In Concert with the Environment         285         212         93         107         97           2.         Direct Leakage Repair         180         504         397         2.631         153           3.         Residential Geothermal Heat Pump         158         105         499         232         112           4.         Residential Energy Audits         630         1.425         1.572         1.438         975           5.         Low Income Customer Energy Audits         9         51         54         59         97           6.         FPU Express         384         954         601         1.052         602           7.         Enhanced Good Cents Home         385         704         811         1.675         1.694           8.         Commercial/Industrial Good Cents Building         176         129         51         143         114           9.         Commercial/Industrial Energy Audits &amp; Tech. As         1.038         414         274         9.618         285           10.         Commercial/Industrial Energy Audits &amp; 5,890         7,438         7,794         21,14</td> <td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE           1.         In Concert with the Environment         285         212         93         107         97         73           2.         Direct Leakage Repair         180         504         397         2,831         153         286           3.         Residential Geothermal Heat Pump         158         105         499         232         112         176           4.         Residential Geothermal Heat Pump         158         105         499         232         112         176           5.         Low Income Customer Energy Audits         9         51         54         59         97         132           6.         FPU Express         384         954         601         1,052         602         445           7.         Enhanced Good Cents Home         385         704         811         1,675         1,994         2,352           8.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,618         265         328           10.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         7,794         21,146<!--</td--><td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315           2.         Durect Leakage Repair         180         504         397         2,831         153         286         611           3.         Residential Geothermal Heal Pump         158         105         499         232         112         176         102           4.         Residential Energy Audits         630         1,425         1,572         1,438         975         1,171         2,346           5.         Low Income Customer Energy Audits         9         51         54         59         97         132         780           6.         FPU Express         384         964         601         1,052         602         445         1,016           7.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         265         328         3,528           10.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         &lt;</td><td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DI           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28           2.         Direct Laakage Repair         180         504         397         2,831         153         286         611         184           3.         Residential Geothermal Heal Pump         158         105         499         232         112         176         102         88           4.         Residential Energy Audits         9         51         54         59         97         132         780         647           6.         FPU Express         384         864         601         1,052         602         445         1,010         935           7.         Enhanced Good Cents Home         385         704         811         1,675         1,994         2,352         1,016         1,281           8.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         265         3,263         3,528         4,167      &lt;</td><td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130           2.         Direct Laakage Repair         180         504         397         2,831         153         286         611         184         92           3.         Residential Geothermatinal Geothermatinal Geothermatinal Geothermatinal Geothermatinal Geothermatinal Energy Audits         9         51         54         59         97         132         780         647         85           5.         EPU Express         384         654         601         1,052         602         445         1,010         193         679           7.         Enhanced Good Cents Buiking         176         129         51         143         114         214         1,168         626         3,399         3,263         3,528         4,167         1,917           10.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         7,794         2,146         7,808         8,440         21,945         10,593<td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0           2.         Direct Laskage Repair         180         504         307         2,431         153         286         611         184         92         0           3.         Residential Energy Audits         630         1,425         1,572         1,438         975         1,171         2,349         1,680         501         0           5.         Low Income Customer Energy Audits         9         51         54         59         97         132         780         647         85         0           6.         FPU Express         384         664         6011         1,052         602         445         1,010         935         679         0           6.         FPU Express         384         704         818         285         328         4,167         1,917         0           0.         Commercial/Industrial Energy Audits &amp; Tech. As&lt;</td><td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0         0           2.         Direct Leakage Repair         180         504         397         2,231         153         286         611         184         92         0         0           3.         Residential Energy Audits         630         1,425         1,572         1,1315         28         0.647         85         0         0         0           4         Residential Energy Audits         9         51         54         59         97         132         760         647         85         0         0           1.         Low Income Customer Energy Audits         9         51         143         114         214         798         647         101         935         679         0         0           0.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         265         328         <t< td=""><td>BY PROGRAM         APRIL         MAY         JUHE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1         In Concert with the Environment         265         212         93         107         97         73         11,315         28         130         0</td></t<></td></td></td>	BY PROGRAM         APRIL         MAY         JUNE         JULY           1.         In Concert with the Environment         285         212         93         107           2.         Direct Leakage Repair         180         504         397         2,831           3.         Residential Geothermal Heal Pump         158         105         499         232           4.         Residential Energy Audits         630         1,425         1,572         1,438           5.         Low Income Customer Energy Audits         9         51         54         58           6.         FPU Express         384         964         601         1,052           7.         Enhanced Good Cents Home         385         704         811         1,675           8.         Commercial/Industrial Good Cents Building         176         129         51         143           9.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274         9,818           10.         Common         2,745         2,940         3,442         3,791           11.         1.         1.         1.         1.         1.           13.         1.         1.	BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST           1.         In Concert with the Environment         285         212         93         107         97           2.         Direct Leakage Repair         180         504         397         2.631         153           3.         Residential Geothermal Heat Pump         158         105         499         232         112           4.         Residential Energy Audits         630         1.425         1.572         1.438         975           5.         Low Income Customer Energy Audits         9         51         54         59         97           6.         FPU Express         384         954         601         1.052         602           7.         Enhanced Good Cents Home         385         704         811         1.675         1.694           8.         Commercial/Industrial Good Cents Building         176         129         51         143         114           9.         Commercial/Industrial Energy Audits & Tech. As         1.038         414         274         9.618         285           10.         Commercial/Industrial Energy Audits & 5,890         7,438         7,794         21,14	BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE           1.         In Concert with the Environment         285         212         93         107         97         73           2.         Direct Leakage Repair         180         504         397         2,831         153         286           3.         Residential Geothermal Heat Pump         158         105         499         232         112         176           4.         Residential Geothermal Heat Pump         158         105         499         232         112         176           5.         Low Income Customer Energy Audits         9         51         54         59         97         132           6.         FPU Express         384         954         601         1,052         602         445           7.         Enhanced Good Cents Home         385         704         811         1,675         1,994         2,352           8.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274         9,618         265         328           10.         Commercial/Industrial Energy Audits & Tech. As         1,038         7,794         21,146 </td <td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315           2.         Durect Leakage Repair         180         504         397         2,831         153         286         611           3.         Residential Geothermal Heal Pump         158         105         499         232         112         176         102           4.         Residential Energy Audits         630         1,425         1,572         1,438         975         1,171         2,346           5.         Low Income Customer Energy Audits         9         51         54         59         97         132         780           6.         FPU Express         384         964         601         1,052         602         445         1,016           7.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         265         328         3,528           10.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         &lt;</td> <td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DI           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28           2.         Direct Laakage Repair         180         504         397         2,831         153         286         611         184           3.         Residential Geothermal Heal Pump         158         105         499         232         112         176         102         88           4.         Residential Energy Audits         9         51         54         59         97         132         780         647           6.         FPU Express         384         864         601         1,052         602         445         1,010         935           7.         Enhanced Good Cents Home         385         704         811         1,675         1,994         2,352         1,016         1,281           8.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         265         3,263         3,528         4,167      &lt;</td> <td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130           2.         Direct Laakage Repair         180         504         397         2,831         153         286         611         184         92           3.         Residential Geothermatinal Geothermatinal Geothermatinal Geothermatinal Geothermatinal Geothermatinal Energy Audits         9         51         54         59         97         132         780         647         85           5.         EPU Express         384         654         601         1,052         602         445         1,010         193         679           7.         Enhanced Good Cents Buiking         176         129         51         143         114         214         1,168         626         3,399         3,263         3,528         4,167         1,917           10.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         7,794         2,146         7,808         8,440         21,945         10,593<td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0           2.         Direct Laskage Repair         180         504         307         2,431         153         286         611         184         92         0           3.         Residential Energy Audits         630         1,425         1,572         1,438         975         1,171         2,349         1,680         501         0           5.         Low Income Customer Energy Audits         9         51         54         59         97         132         780         647         85         0           6.         FPU Express         384         664         6011         1,052         602         445         1,010         935         679         0           6.         FPU Express         384         704         818         285         328         4,167         1,917         0           0.         Commercial/Industrial Energy Audits &amp; Tech. As&lt;</td><td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0         0           2.         Direct Leakage Repair         180         504         397         2,231         153         286         611         184         92         0         0           3.         Residential Energy Audits         630         1,425         1,572         1,1315         28         0.647         85         0         0         0           4         Residential Energy Audits         9         51         54         59         97         132         760         647         85         0         0           1.         Low Income Customer Energy Audits         9         51         143         114         214         798         647         101         935         679         0         0           0.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         265         328         <t< td=""><td>BY PROGRAM         APRIL         MAY         JUHE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1         In Concert with the Environment         265         212         93         107         97         73         11,315         28         130         0</td></t<></td></td>	BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315           2.         Durect Leakage Repair         180         504         397         2,831         153         286         611           3.         Residential Geothermal Heal Pump         158         105         499         232         112         176         102           4.         Residential Energy Audits         630         1,425         1,572         1,438         975         1,171         2,346           5.         Low Income Customer Energy Audits         9         51         54         59         97         132         780           6.         FPU Express         384         964         601         1,052         602         445         1,016           7.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274         9,818         265         328         3,528           10.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274         9,818         <	BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DI           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28           2.         Direct Laakage Repair         180         504         397         2,831         153         286         611         184           3.         Residential Geothermal Heal Pump         158         105         499         232         112         176         102         88           4.         Residential Energy Audits         9         51         54         59         97         132         780         647           6.         FPU Express         384         864         601         1,052         602         445         1,010         935           7.         Enhanced Good Cents Home         385         704         811         1,675         1,994         2,352         1,016         1,281           8.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274         9,818         265         3,263         3,528         4,167      <	BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130           2.         Direct Laakage Repair         180         504         397         2,831         153         286         611         184         92           3.         Residential Geothermatinal Geothermatinal Geothermatinal Geothermatinal Geothermatinal Geothermatinal Energy Audits         9         51         54         59         97         132         780         647         85           5.         EPU Express         384         654         601         1,052         602         445         1,010         193         679           7.         Enhanced Good Cents Buiking         176         129         51         143         114         214         1,168         626         3,399         3,263         3,528         4,167         1,917           10.         Commercial/Industrial Energy Audits & Tech. As         1,038         7,794         2,146         7,808         8,440         21,945         10,593 <td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0           2.         Direct Laskage Repair         180         504         307         2,431         153         286         611         184         92         0           3.         Residential Energy Audits         630         1,425         1,572         1,438         975         1,171         2,349         1,680         501         0           5.         Low Income Customer Energy Audits         9         51         54         59         97         132         780         647         85         0           6.         FPU Express         384         664         6011         1,052         602         445         1,010         935         679         0           6.         FPU Express         384         704         818         285         328         4,167         1,917         0           0.         Commercial/Industrial Energy Audits &amp; Tech. As&lt;</td> <td>BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0         0           2.         Direct Leakage Repair         180         504         397         2,231         153         286         611         184         92         0         0           3.         Residential Energy Audits         630         1,425         1,572         1,1315         28         0.647         85         0         0         0           4         Residential Energy Audits         9         51         54         59         97         132         760         647         85         0         0           1.         Low Income Customer Energy Audits         9         51         143         114         214         798         647         101         935         679         0         0           0.         Commercial/Industrial Energy Audits &amp; Tech. As         1,038         414         274         9,818         265         328         <t< td=""><td>BY PROGRAM         APRIL         MAY         JUHE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1         In Concert with the Environment         265         212         93         107         97         73         11,315         28         130         0</td></t<></td>	BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0           2.         Direct Laskage Repair         180         504         307         2,431         153         286         611         184         92         0           3.         Residential Energy Audits         630         1,425         1,572         1,438         975         1,171         2,349         1,680         501         0           5.         Low Income Customer Energy Audits         9         51         54         59         97         132         780         647         85         0           6.         FPU Express         384         664         6011         1,052         602         445         1,010         935         679         0           6.         FPU Express         384         704         818         285         328         4,167         1,917         0           0.         Commercial/Industrial Energy Audits & Tech. As<	BY PROGRAM         APRIL         MAY         JUNE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1.         In Concert with the Environment         285         212         93         107         97         73         11,315         28         130         0         0           2.         Direct Leakage Repair         180         504         397         2,231         153         286         611         184         92         0         0           3.         Residential Energy Audits         630         1,425         1,572         1,1315         28         0.647         85         0         0         0           4         Residential Energy Audits         9         51         54         59         97         132         760         647         85         0         0           1.         Low Income Customer Energy Audits         9         51         143         114         214         798         647         101         935         679         0         0           0.         Commercial/Industrial Energy Audits & Tech. As         1,038         414         274         9,818         265         328 <t< td=""><td>BY PROGRAM         APRIL         MAY         JUHE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1         In Concert with the Environment         265         212         93         107         97         73         11,315         28         130         0</td></t<>	BY PROGRAM         APRIL         MAY         JUHE         JULY         AUGUST         SEPTEMBE         OCTOBER         NOVEMBER         DECEMBER           1         In Concert with the Environment         265         212         93         107         97         73         11,315         28         130         0

EXHIBIT NO. \_\_\_\_\_ DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 24 OF 38 .

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED VARIANCE ACTUAL VS PROJECTED

FOR MONTHS April-98 THROUGH December-98

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. 2. 3. 4. 5. 6. 7. 8. 9. 10, 11, 12, 13, 14, 15, 16, 17, 18, 20,	In Concert with the Environment Direct Leakage Repair Residential Geothermal Heat Pump Residential Energy Audits Low Income Customer Energy Audits FPU Express Enhanced Good Cents Home Commercial/Industrial Good Cents Building Commercial/Industrial Energy Audits & Tech. As Common	(42) 60 (40) 6 (188) 4 (382) 187 1,544 (3,081)	(200) (199) (632) (300) 253 702 385 (300)	0 0 0 0 0 0 0 (1,000)	0 (300) 0 (200) (200) (500) (700) (1,300) 0	(100) (100) (200) (100) (100) (200) (200) (200) 444	(2,000) (300) 319 320 319 (200) 320 (300) 0	0 (200) 0 (200) 0 0 (301) (300) 753 1	(100) (100) (100) (312) (100) (163) (100) 0 (475) 1,327	0 (21) 0 0 0 0	0 (184) (400) (379) (500) (500) (372) (500) (402) 733	(2,242) (1,324) (1,439) (1,068) (387) (1,353) (708) (680) (1,914)	0 0 0 0	(2,242) (1,324) (1,439) (1,068) (387) (1,353) (708) (680) (1,914)
	TOTAL ALL PROGRAMS	(1,932)	) (291)	(1,000)	(3,500)	(756)	(1,822)	(247)	(123	(359)	(2,504)	(12,534)	0	(12,534)

EXHIBIT NO. DOCKET NO. 990002-EG FLORIDA PUBLIC UTILITIES COMPANY (MAP-2) PAGE 23 OF 38