

October 13, 1998

**Federal Express**

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 980002-EG  
Conservation Cost Recovery**

Dear Ms. Bayo:

Enclosed for filing in the above docket are 1) an original and 10 copies of City Gas Company of Florida's petition for approval of conservation cost recovery factors and 2) an original and 10 copies of the testimony of Carl Smith relating to the aforementioned petition, with attached Schedules C-1 through C-3, and C-5.

ACK \_\_\_\_\_  
AFA Handover Thank you for your assistance.

APP \_\_\_\_\_

CAF \_\_\_\_\_

CMJ \_\_\_\_\_

CTR \_\_\_\_\_

Ballinger

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OF \_\_\_\_\_ Encl.

REI \_\_\_\_\_

SEL 1

WAS \_\_\_\_\_

OTH \_\_\_\_\_

Sincerely,

*Michael A. Palecki*

Michael A. Palecki  
Attorney, Legal & Regulatory Affairs  
NUI Corporation

Testimony  
DOCKET NUMBER: 980002-EG  
DATE: 11474 OCT 14 98  
 Petition  
DOCKET NUMBER: 980002-EG  
DATE: 11473 OCT 14 98  
 RECORDS & REPORTING

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY

OF

CARL SMITH

1 Q. Please state your name, business address, by whom you are  
2 employed, and in what capacity.

3  
4 A. My name is Carl Smith and my business address is 955 East 25th Street,  
5 Hiialeah, Florida 33013-3498. I am employed by NUI Corporation as  
6 Director of Marketing for its regulated businesses, comprising the Florida,  
7 North Carolina, Maryland, Pennsylvania, New York and New Jersey utility  
8 operations of NUI Corporation.

9  
10 Q. Are you familiar with the energy conservation programs of City Gas  
11 Company of Florida ("City Gas")?

12  
13 A. Yes, I am.

14  
15 Q. Are you familiar with the costs that have been projected to be incurred  
16 by City Gas in implementing its energy conservation programs?

17  
18 A. Yes, I am.

19  
20 Q. What is the purpose of your testimony in this docket?

980002

DOCUMENT NUMBER-DATE

11474 OCT 14 88

FPSC-RECORDS/REPORTING

1           A.    To submit the projected ECCR costs to be incurred by City Gas during the  
2                    months of April 1999 through December 1999, as well as the  
3                    actual/estimated true-up for the period April 1998 through March 1999. I  
4                    also present the total level of costs City Gas seeks to recover through its  
5                    Conservation Factors during the period January 1999 and December 1999,  
6                    as well as the Conservation factors which, when applied to our customer's  
7                    bills during the period January 1999 and December 1999, will permit  
8                    recovery of total ECCR costs.

9

10           **Q.    What are the projected ECCR costs to be incurred by City Gas for the**  
11                    **period April 1, 1999 through December 1999?**

12

13           A.    \$1,640,769.

14

15           **Q.    What is the Company's true-up for the period April 1998 through**  
16                    **March 1999 (five months actual and seven months estimated)?**

17

18           A.    An overrecovery of \$474,320.

19

20           **Q.    What is the total cost City Gas seeks to recover during the period**  
21                    **January 1999 through December 1999?**

22

23           A.    \$1,166,449.

24

25           **Q.    What conservation factors does City Gas need to permit recovery of**  
26                    **these costs?**

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- A. Residential (RS, ED & GL) \$00.03678
- Commercial (CS, ED, CTS & SCTS) \$00.00861
- Commercial Large Volume (LCS) \$00.00704

**Q. Has City Gas prepared summaries of its conservation programs and the costs associated with these programs?**

A. Yes. Summaries of the Company's programs are contained in Schedule C-5 of my Exhibit (CS-1).

**Q. Has City Gas prepared schedules to support its requested Conservation Cost Recovery Factor?**

A. Yes. I have prepared and filed together with this testimony Schedules C-1 through C-3 as prescribed by Commission Staff. These schedules are included in my Exhibit (CS-1).

**Q. Does this conclude your testimony?**

A. Yes, it does.

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the Prepared Direct Testimony and Exhibits of Carl Smith has been furnished by U.S. Mail to the following parties of record, this 14th day of October, 1998:

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(305)694-6160

EXHIBIT NO.  
COMPANY:

CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
DCCKET NO. 980002-EG  
(CS-1)

ENERGY CONSERVATION ADJUSTMENT - SUMMARY OF COST RECOVERY CLAUSE CALCULATION  
APRIL 1998 THROUGH DECEMBER 1999

PROJECTED PERIOD: APRIL 1999 THROUGH DECEMBER 1999  
ACTUAL/ESTIMATED PERIOD: APRIL 1998 THROUGH MARCH 1999  
FINAL TRUE-UP PERIOD: OCTOBER 1997 THROUGH MARCH 1998  
COLLECTION PERIOD FOR PRIOR TRUE-UP: JANUARY 1999 THROUGH DECEMBER 1999

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1) \$ 1,640,769
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11) \$ (474,320)
3. TOTAL (LINE 1 AND 2) \$ 1,166,449

RATE SCHEDULE	BILLS	THERM SALES	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENERGY CHG REVENUES	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS PER THERM	TAX FACTOR	CONSERVATION FACTOR
RESIDENTIAL (RS, ED & GL)	1,146,033	19,889,030	\$ 8,000,391	\$ 9,218,376	\$ 17,218,767	\$ 728,695	4.2319%	\$ 0.03664	1.00376	0.03878
COMMERCIAL (CS, ED, CTS & SCTS)	64,092	49,406,964	\$ 1,106,988	\$ 8,905,824	\$ 10,012,812	\$ 423,734	4.2319%	\$ 0.00858	1.00376	0.00881
COMMERCIAL LARGE VOLUME (LCS)	132	2,000,900	\$ 4,627	\$ 326,967	\$ 331,487	\$ 14,030	4.2325%	\$ 0.00701	1.00376	0.00704
TOTAL	1,210,257	71,296,894	\$ 9,111,999	\$ 18,451,067	\$ 27,563,066	\$ 1,166,449				

PROJECTED CONSERVATION PROGRAM COSTS BY PROGRAM BY MONTH  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999

PROGRAM NAME	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. RESIDENTIAL BUILDER	\$ 87,403	\$ 85,087	\$ 87,503	\$ 85,003	\$ 83,903	\$ 85,403	\$ 85,003	\$ 83,903	\$ 85,403	\$ 768,611
2. MULTI-FAMILY RESIDENTIAL BLDR	6,053	2,048	2,553	853	853	2,353	853	853	2,353	\$ 18,772
3. APPLIANCE REPLACEMENT	38,025	34,470	34,525	35,525	34,525	34,524	35,525	34,525	34,524	\$ 316,168
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-	\$ -
5. GAS APPLIANCES IN SCHOOLS	467	467	367	367	367	567	367	367	567	\$ 3,903
6. RES PROPANE CONVERSION	1,213	1,106	1,113	1,213	1,113	1,113	1,213	1,113	1,113	\$ 10,310
7. RES WATER HEATER RETENTION	6,314	6,205	6,214	6,314	6,214	6,214	6,314	6,214	6,214	\$ 56,217
8. RES CUT AND CAP ALTERNATIVE	1,921	1,813	1,821	1,921	1,821	1,821	1,921	1,821	1,821	\$ 16,681
9. COMM/IND CONVERSION	28,723	30,460	28,723	28,723	29,323	29,323	28,723	29,323	29,323	\$ 262,644
10. COMM/IND ALTERNATIVE TECH. COMMON COSTS	21,442 2,600	16,927 3,100	17,542 2,000	21,442 2,000	16,942 2,000	17,542 2,000	21,442 2,000	16,942 2,000	17,542 2,000	\$ 167,763 19,700
<b>TOTAL ALL PROGRAMS</b>	<b>\$ 194,161</b>	<b>\$ 181,683</b>	<b>\$ 182,361</b>	<b>\$ 183,361</b>	<b>\$ 177,061</b>	<b>\$ 180,860</b>	<b>\$ 183,361</b>	<b>\$ 177,061</b>	<b>\$ 180,860</b>	<b>\$ 1,640,769</b>
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-
<b>RECOVERABLE CONSERVATION EXPENSES</b>	<b>\$ 194,161</b>	<b>\$ 181,683</b>	<b>\$ 182,361</b>	<b>\$ 183,361</b>	<b>\$ 177,061</b>	<b>\$ 180,860</b>	<b>\$ 183,361</b>	<b>\$ 177,061</b>	<b>\$ 180,860</b>	<b>\$ 1,640,769</b>



PROJECTED CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1. RESIDENTIAL BUILDER	\$ -	\$ 89,111	\$ -	\$ 13,500	\$ 663,300	\$ -	\$ 2,700	\$ -	\$ 768,611
2. MULTI-FAMILY RESIDENTIAL BLDR	-	7,872	-	6,600	4,500	-	-	-	18,772
3. APPLIANCE REPLACEMENT	-	44,268	-	59,500	202,500	-	9,900	-	316,168
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS	-	3,303	600	-	-	-	-	-	3,903
6. RES PROPANE CONVERSION	-	4,610	-	2,100	3,600	-	-	-	10,310
7. RES WATER HEATER RETENTION	-	33,417	-	9,300	13,500	-	-	-	56,217
8. RES CUT AND CAP ALTERNATIVE	-	3,781	900	3,900	8,100	-	-	-	16,681
9. COMM/IND CONVERSION	-	168,444	-	26,700	67,500	-	-	-	262,644
10. COMM/IND ALTERNATIVE TECH. COMMON COSTS	-	39,063	900	28,800	99,000	-	-	-	167,763
	-	-	-	18,000	-	-	-	1,700	19,700
TOTAL ALL PROGRAMS	-	393,669	2,400	168,400	1,062,000	-	12,600	1,700	1,640,769
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENDITURES	\$ -	\$ 393,669	\$ 2,400	\$ 168,400	\$ 1,062,000	\$ -	\$ 12,600	\$ 1,700	\$ 1,640,769

CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD APRIL 1998 THROUGH MARCH 1999  
FIVE MONTHS ACTUAL AND SEVEN MONTHS ESTIMATED

	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1. RESIDENTIAL BUILDER									
A. ACTUAL (5 months)	\$ -	\$ 66,410	\$ -	\$ 5,298	\$ 398,466	\$ -	\$ 6,677	\$ -	\$ 476,851
B. ESTIMATED (7 months)	-	73,316	-	18,700	495,000	-	2,900	-	589,916
C. TOTAL	\$ -	\$ 139,726	\$ -	\$ 23,998	\$ 893,466	\$ -	\$ 9,577	\$ -	\$ 1,066,767
2. MULTI-FAMILY RESIDENTIAL BLDG									
A. ACTUAL (5 months)	\$ -	\$ 8,085	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,085
B. ESTIMATED (7 months)	-	5,194	-	5,000	3,000	-	-	-	13,194
C. TOTAL	\$ -	\$ 13,279	\$ -	\$ 5,000	\$ 3,000	\$ -	\$ -	\$ -	\$ 21,279
3. APPLIANCE REPLACEMENT									
A. ACTUAL (5 months)	\$ -	\$ 83,023	\$ -	\$ 109,791	\$ 122,240	\$ -	\$ 11,643	\$ -	\$ 326,697
B. ESTIMATED (7 months)	-	46,337	-	50,500	169,500	-	8,400	-	274,737
C. TOTAL	\$ -	\$ 129,360	\$ -	\$ 160,291	\$ 291,740	\$ -	\$ 20,043	\$ -	\$ 601,434
4. DEALER PROGRAM									
A. ACTUAL (5 months)	\$ -	\$ -	\$ -	\$ -	\$ 255	\$ -	\$ -	\$ -	\$ 255
B. ESTIMATED (7 months)	-	-	-	-	-	-	-	-	-
C. TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 255	\$ -	\$ -	\$ -	\$ 255
5. GAS APPLIANCES IN SCHOOLS									
A. ACTUAL (5 months)	\$ -	\$ 9,897	\$ 1,500	\$ -	\$ -	\$ -	\$ 198	\$ -	\$ 11,595
B. ESTIMATED (7 months)	-	4,290	700	1,300	-	-	21	-	6,311
C. TOTAL	\$ -	\$ 14,187	\$ 2,200	\$ 1,300	\$ -	\$ -	\$ 219	\$ -	\$ 17,906
6. RES PROPANE CONVERSION									
A. ACTUAL (5 months)	\$ -	\$ 4,983	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ 5,483
B. ESTIMATED (7 months)	-	4,741	-	5,779	4,692	-	-	-	15,212
C. TOTAL	\$ -	\$ 9,724	\$ -	\$ 5,779	\$ 4,692	\$ -	\$ 500	\$ -	\$ 20,695
SUB-TOTAL	\$ -	\$ 308,276	\$ 2,200	\$ 196,368	\$ 1,193,153	\$ -	\$ 30,339	\$ -	\$ 1,728,336

EXHIBIT NO.

COMPANY: CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
DOCKET NO. 980002-EG  
(CS-1)

CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD APRIL 1998 THROUGH MARCH 1999  
FIVE MONTHS ACTUAL AND SEVEN MONTHS ESTIMATED

	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
SUB-TOTAL - PREVIOUS PAGE	\$ -	\$ 306,276	\$ -	\$ 196,368	\$ 1,193,153	\$ -	\$ 30,339	\$ -	\$ 1,728,336
7. RES WATER HEATER RETENTION									
A. ACTUAL (5 months)	\$ -	\$ 15,527	\$ -	\$ -	\$ 4,839	\$ -	\$ 873	\$ -	\$ 21,239
B. ESTIMATED (7 months)	\$ -	\$ 22,087	\$ -	\$ 12,728	\$ 21,198	\$ -	\$ -	\$ -	\$ 66,013
C. TOTAL	\$ -	\$ 37,614	\$ -	\$ 12,728	\$ 26,037	\$ -	\$ 873	\$ -	\$ 77,232
8. RES OUT AND CAP ALTERNATIVE									
A. ACTUAL (5 months)	\$ -	\$ 8,814	\$ -	\$ -	\$ 9,825	\$ -	\$ 2,943	\$ -	\$ 21,585
B. ESTIMATED (7 months)	\$ -	\$ 4,992	\$ 600	\$ 3,759	\$ 9,900	\$ -	\$ -	\$ -	\$ 19,251
C. TOTAL	\$ -	\$ 13,806	\$ 600	\$ 3,759	\$ 19,725	\$ -	\$ 2,943	\$ -	\$ 40,839
9. COMMING CONVERSION									
A. ACTUAL (5 months)	\$ -	\$ 54,908	\$ -	\$ -	\$ 412	\$ -	\$ 6,788	\$ -	\$ 62,108
B. ESTIMATED (7 months)	\$ -	\$ 117,857	\$ -	\$ 39,139	\$ 48,186	\$ -	\$ -	\$ -	\$ 205,182
C. TOTAL	\$ -	\$ 172,765	\$ -	\$ 39,139	\$ 48,598	\$ -	\$ 6,788	\$ -	\$ 267,290
10. COMMING ALTERNATIVE TECH.									
A. ACTUAL (5 months)	\$ -	\$ 13,801	\$ -	\$ -	\$ -	\$ -	\$ 817	\$ -	\$ 14,618
B. ESTIMATED (7 months)	\$ -	\$ 25,834	\$ 600	\$ 21,700	\$ 66,000	\$ -	\$ -	\$ -	\$ 114,234
C. TOTAL	\$ -	\$ 39,635	\$ 600	\$ 21,700	\$ 66,000	\$ -	\$ 817	\$ -	\$ 128,852
COMMON COSTS									
A. ACTUAL (5 months)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600	\$ 600
B. ESTIMATED (7 months)	\$ -	\$ -	\$ -	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ 12,000
C. TOTAL	\$ -	\$ -	\$ -	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ 12,000
TOTAL	\$ -	\$ 670,206	\$ 1,200	\$ 265,894	\$ 1,353,503	\$ -	\$ 41,763	\$ 600	\$ 2,255,166

EXHIBIT NO.

CITY GAS COMPANY OF FLORIDA  
A DIVISION OF NUI CORPORATION  
DOCKET NO. 980002-EG  
(25-1)

CONSERVATION PROGRAM COSTS - EXPENSES BY MONTH  
FOR THE PERIOD APRIL 1998 THROUGH MARCH 1999  
FIVE MONTHS ACTUAL AND SEVEN MONTHS ESTIMATED

DESCRIPTION	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	TOTAL
1. RESIDENTIAL BUILDER	\$ 120,853	\$ 50,845	\$ 164,804	\$ 77,038	\$ 63,511	\$ 87,850	\$ 87,203	\$ 92,363	\$ 86,419	\$ 88,417	\$ 83,745	\$ 83,919	\$ 1,066,767
2. MULTI-FAMILY RESIDENTIAL BLDG	928	928	1,941	2,491	1,797	-	1,032	5,327	2,428	1,197	842	2,358	21,279
3. APPLIANCE REPLACEMENT	105,607	50,317	86,405	47,002	37,366	64,850	35,452	34,274	35,846	35,693	34,268	34,554	601,434
4. DEALER PROGRAM	255	-	-	-	-	-	-	-	-	-	-	-	255
5. GAS APPLIANCES IN SCHOOLS	2,301	2,099	3,621	1,792	1,782	2,271	1,758	458	458	432	467	467	17,906
6. RES PROPANE CONVERSION	-	-	1,484	1,932	2,067	8,309	1,201	1,095	1,125	1,268	1,097	1,117	20,695
7. RES WATER HEATER RETENTION	2,214	2,581	4,244	5,549	6,651	18,716	6,266	6,033	6,196	6,515	6,069	6,218	77,252
8. RES CUT AND CAP ALTERNATIVE	2,374	9,053	5,493	3,061	2,604	8,116	1,912	1,804	1,841	1,951	1,801	1,826	40,836
9. COMMAND CONVERSION	13,662	9,861	15,438	12,646	10,501	20,091	28,404	33,027	34,366	31,536	29,072	26,786	297,290
10. COMMAND ALTERNATIVE TECH.	2,235	4,701	1,661	1,479	4,542	-	21,375	16,744	17,490	21,781	16,787	20,057	128,852
COMMON COSTS	-	-	-	-	-	-	2,000	2,600	2,000	2,000	2,000	2,000	12,600
TOTAL ALL PROGRAMS	250,229	129,385	285,091	152,990	130,821	190,203	186,503	193,725	187,979	190,790	176,148	181,302	2,255,166
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
NET RECOVERABLE	\$ 250,229	\$ 129,385	\$ 285,091	\$ 152,990	\$ 130,821	\$ 190,203	\$ 186,503	\$ 193,725	\$ 187,979	\$ 190,790	\$ 176,148	\$ 181,302	\$ 2,255,166



EXHIBIT NO.  
COMPANY:  
DOCKET NO.

CITY GAS COMPANY OF FLORIDA  
A DIVISION OF INJ CORPORATION  
980002-EG  
(CS-1)

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 1998 THROUGH MARCH 1999  
FIVE MONTHS ACTUAL AND SEVEN MONTHS ESTIMATED

	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	TOTAL
INTEREST PROVISION													
1. BEGINNING TRUE-UP	\$ (239,264)	\$ (207,413)	\$ (228,408)	\$ (88,043)	\$ (92,726)	\$ (95,095)	\$ 14,546	\$ 51,970	\$ 18,775	\$ 86,505	\$ 38,580	\$ (2,473)	
2. ENDING TRUE-UP BEFORE INTEREST	(208,384)	(227,407)	(97,289)	(92,284)	(94,662)	14,728	51,826	89,487	8,122	38,309	(2,351)	(31,466)	
3. TOTAL BEGINNING & ENDING TRUE-UP	(445,648)	(434,821)	(325,698)	(190,326)	(187,388)	(80,368)	66,372	141,438	175,897	124,813	36,029	(33,938)	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	(222,824)	(217,410)	(162,849)	(95,163)	(93,694)	(40,184)	33,186	70,719	87,949	62,407	18,015	(16,969)	
5. INTEREST RATE FIRST DAY OF REPORTING MONTH	5.550%	5.530%	5.500%	5.600%	5.560%	5.520%	5.520%	5.220%	5.220%	5.220%	5.220%	5.220%	5.220%
6. INTER. RATE - FIRST DAY SUBSEQUENT MONTH	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.220%	5.220%	5.220%	5.220%	5.220%	5.220%	5.220%
7. TOTAL (SUM LINES 5 & 6)	11.080%	11.030%	11.100%	11.160%	11.080%	10.740%	10.440%	10.440%	10.440%	10.440%	10.440%	10.440%	10.440%
8. AVG. INTEREST RATE (LINE 7 TIMES 50%)	5.540%	5.515%	5.550%	5.580%	5.540%	5.370%	5.220%	5.220%	5.220%	5.220%	5.220%	5.220%	5.220%
9. MONTHLY AVG INTEREST RATE	0.482%	0.460%	0.463%	0.465%	0.462%	0.448%	0.435%	0.435%	0.435%	0.435%	0.435%	0.435%	0.435%
10. INTEREST PROVISION	\$ (1,029)	\$ (1,000)	\$ (784)	\$ (443)	\$ (433)	\$ (180)	\$ 144	\$ 308	\$ 383	\$ 271	\$ 78	\$ (74)	\$ (2,728)

Exhibit No. \_\_\_\_\_  
DOCKET NO. : 980002-EG  
City Gas Company of Florida  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**  
**Schedule C-5**  
**PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL BUILDER - PROGRAM 1

**DESCRIPTION:** The Residential Builder Program is designed to increase the overall energy efficiency in the residential new construction market by promoting energy-efficient natural gas appliances in residences that would qualify for the RS rates. The program offers builders and developers incentives in the form of cash allowances to assist in defraying the additional costs associated with the installation of natural gas supply lines, house piping, venting and natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$350
Water Heater .....	350
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** April 1998 through August 1998

**APPLIANCES INSTALLED:**

The Company connected 1,049 gas appliances during the period.

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**CITY GAS COMPANY OF FLORIDA**  
**Schedule C-5**  
**PROGRAM PROGRESS REPORT**

**NAME:** MULTI-FAMILY RESIDENTIAL BUILDER - PROGRAM 2

**DESCRIPTION:** The Multi-Family Residential Builder Program is designed to increase overall energy efficiency in the multi-family new construction market by promoting energy-efficient natural gas in multi-unit residences qualifying for the Company's CS rates.

**PROGRAM ALLOWANCES:**

Per dwelling unit ..... \$300

**REPORTING PERIOD:** April 1998 through August 1998

**PROGRAM SUMMARY:**

Program costs for the period were \$8,085.



Exhibit No. \_\_\_\_\_  
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**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL APPLIANCE REPLACEMENT PROGRAM 3

**DESCRIPTION:** The Residential Appliance Replacement Program is designed to promote the replacement of inefficient non-natural gas residential appliances with energy efficient natural gas appliances. The Program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the installation of efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$625
Water Heater .....	525
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** April 1998 through August 1998

**APPLIANCES INSTALLED:**

The Company connected 308 gas appliances during the period.

Exhibit No. \_\_\_\_\_  
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**CITY GAS COMPANY OF FLORIDA**  
**Schedule C-5**  
**PROGRAM PROGRESS REPORT**

**NAME:** DEALER - PROGRAM 4

**DESCRIPTION:** The Dealer Program is designed to encourage the replacement of non-gas appliances with energy efficient natural gas appliances through appliance dealers and contractors. The program offers incentives to the dealers and contractors.

**PROGRAM ALLOWANCES:**

Furnace .....	\$30
Water Heater .....	30
Range .....	15
Dryer .....	15

**REPORTING PERIOD:** April 1998 through August 1998

**APPLIANCES INSTALLED:**

This program was discontinued in February 1998 with Order #PSC-98-0154-GOF-GU granting the new programs.

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**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** GAS APPLIANCES IN SCHOOLS - PROGRAM 5

**DESCRIPTION:** The Gas Appliances in Schools Program is designed to promote natural gas appliances where cost-efficient, in Home Economic Departments in schools located in our Company's service area. The program provides teaching assistance on energy conservation and on the use, care, and safety of natural gas appliances through a Company-employed home economist.

**REPORTING PERIOD:** April 1998 through August 1998

**PROGRAM SUMMARY:**

Program costs for the period were \$11,595.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL PROPANE CONVERSION - PROGRAM 6

**DESCRIPTION:** The Residential Propane Conversion Program is designed to promote the conversion of existing residential propane appliances to utilize efficient natural gas. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the conversion of their existing propane appliances to utilize natural gas.

**PROGRAM ALLOWANCES:**

Furnace .....	\$200
Water Heater .....	100
Range .....	25
Dryer .....	50

**REPORTING PERIOD:** April 1998 through August 1998

**PROGRAM SUMMARY:**

Program costs for the period were \$5,483.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL WATER HEATER RETENTION - PROGRAM 7

**DESCRIPTION:** The Residential Water Heater Retention Program is designed to promote the retention of energy efficient natural gas water heaters in existing residential structures. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Water Heater ..... \$50

**REPORTING PERIOD:** April 1998 through August 1998

**PROGRAM SUMMARY:**

Program costs for the period were \$21,239.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL CUT AND CAP - PROGRAM 8

**DESCRIPTION:** The Residential Cut and Cap Program is designed to encourage the re-activation of existing residential service lines that are scheduled to be cut off and capped. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and/or lease and the installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Service re-activation..... \$200

**REPORTING PERIOD:** April 1998 through August 1998

**PROGRAM SUMMARY:**

Program costs for the period were \$21,585.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** COMMERCIAL/INDUSTRIAL CONVERSION - PROGRAM 9

**DESCRIPTION:** The Commercial/Industrial Conversion Program is designed to promote the conversion of commercial and industrial inefficient non-gas equipment to energy efficient natural gas. The program offers incentives in the form of cash allowances to existing commercial and industrial businesses located in existing structures, to assist in defraying the incremental first costs associated with the installation of natural gas supply lines, internal piping, venting and equipment.

**PROGRAM ALLOWANCES:**

Per 100,000 BTU input rating..... \$75

**REPORTING PERIOD:** April 1998 through August 1998

**PROGRAM SUMMARY:**

Program costs for the period were \$62,108.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** COMMERCIAL/INDUSTRIAL ALTERNATIVE TECHNOLOGY INCENTIVE - PROGRAM 10

**DESCRIPTION:** The Commercial/Industrial Alternative Technology Incentive Program (ATI) is designed to encourage commercial and industrial business owners to install alternate technologies that utilize natural gas that are not covered by one of the other City Gas Energy Conservation Programs, but which cost-effectively reduce the total utility expense of the business. The program offers incentives based on the cost-effectiveness under a life-cycle analysis utilizing a computerized energy consumption simulation model.

**PROGRAM ALLOWANCES:**

Payback period of three years subject to a maximum incentive of three times the projected incremental annualized margin.

**REPORTING PERIOD:** April 1998 through August 1998

**PROGRAM SUMMARY:**

Program costs for the period were \$14,618.



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**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME: ENERGY CONSERVATION COMMON COSTS**

**REPORTING PERIOD: April 1998 through August 1998**

There was no activity in common costs during the period.