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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

DANIEL J. NIKOLICH

021065-GU

ON BEHALF OF

NUI CITY GAS COMPANY OF FLORIDA

FLAT RATE BILLING DOCKET

October 21, 2002

**Q. Please state your name and business address.**

**A.** My name is Daniel J. Nikolich. My business address is NUI Corporation, 550 Route 202 - 206, Bedminster, New Jersey 07921.

**Q. By whom are you employed and in what capacity?**

**A.** I am currently employed as the Manager, Planning and Forecasting for NUI Utilities, Inc., which includes the Florida operating division, City Gas Company of Florida ("City Gas" or "Company").

**Q. What is the scope of your duties at NUI Utilities, Inc.?**

**A.** I am responsible for overseeing the development of short-term and long-term demand and revenue forecasts, short-term and long-term new load growth forecasts, and design day demand forecasts. Further, I am responsible for providing economic, demographic, and statistical analysis for rate design. I am also responsible for reviewing design criteria and operational gas dispatch forecasting models and maintaining informational databases.

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1 **Q. Please describe your professional qualifications and business experience.**

2 **A.** I received a Bachelor of Science degree in Business, with a major in Economics,  
3 from the University of Idaho in June 1984. I held various positions in business  
4 and planning prior to joining NUI in 1993 as a forecasting analyst. In the fall of  
5 2001, I was promoted to the position of Manager, Planning and Forecasting.  
6 During my tenure at NUI, I have participated at the annual Gas Technology  
7 Institute/Southern Gas Association Load Forecaster's Forum, and made a  
8 presentation on the effects of the National Weather Service's new Automated  
9 Surface Observation System (ASOS) on load forecasting. I have also attended  
10 the American Gas Association's (AGA) demand forecasting seminar, the  
11 Institute for Professional Education's (IPE) courses entitled "Applied Time  
12 Series," "Forecasting Methods and Applications," and "Economic Modeling and  
13 Forecasting," and Professors Trevor Hastie's and Robert Tibshirani's course  
14 "Modern Regression and Classification."

15  
16 **Q. Have you ever testified as an expert in proceedings before state public  
17 utilities commissions?**

18 **A.** Yes. In 2000, I was a witness for NUI on matters relating to system operations,  
19 reliability standards, and capacity management for the Company's Natural Gas  
20 Choice and Competition Act Restructuring Filing in Pennsylvania. In 2000, I  
21 also provided expert testimony before the Pennsylvania Public Service  
22 Commission regarding a universal service program designed to meet  
23 Pennsylvania demographic requirements. In 2001, I was a witness for NUI  
24 before the North Carolina Public Utilities Commission on behalf of NUI's North  
25 Carolina Gas division concerning proposed tariff revisions to implement Third

1 Party Supplier (TPS) provisions and the operational issues that prompted them.  
2 In 2002, I was a witness for NUI before the New Jersey Board of Public Utilities  
3 on behalf of NUI's New Jersey division concerning the revenue forecast, market  
4 growth and certain rate design issues.

5

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

7 **A.** I am sponsoring the rate design for the pilot Flat Rate Billing (FRB) program  
8 along with providing testimony regarding financial and demographic impacts of  
9 the proposal.

10

11 **Q. Have you prepared any exhibits in this proceeding?**

12 **A.** Yes, my testimony includes the following exhibits prepared either by me or  
13 under my direction:

- 14 (1) Exhibit \_\_\_ (DJN-1) is a graph comparing average monthly residential  
15 customer consumption in the Miami Division (consisting of Miami-Dade  
16 and Broward Counties) to that of Brevard residential heating customers.  
17 (2) Exhibit \_\_\_ (DJN-2) is a schedule that presents the cost to serve customers  
18 in the Miami Division residential market.  
19 (3) Exhibit \_\_\_ (DJN-3) presents the monthly bill frequency distributions for  
20 the Miami Division residential customers.  
21 (4) Exhibit \_\_\_ (DJN-4) presents typical energy uses for residential customers  
22 in the Miami Division by appliance.  
23 (5) Exhibit \_\_\_ (DJN-5) presents the cost to serve customers under the  
24 proposed Flat Rate Billing program.

1 (6) Exhibit \_\_\_ (DJN-6) presents a hypothetical comparison of revenues that  
2 would be generated under flat rate billing as compared to the Company's  
3 current residential rate.

4 (7) Exhibit \_\_\_ (DJN-7) is a graph that shows monthly residential customer  
5 counts for the Company's Miami Division.

6 (8) Exhibit \_\_\_ (DJN-8) is an analysis on the impact to customers' monthly  
7 bills of the FRB program.

8 (9) Exhibit \_\_\_ (DJN-9) presents the demographics of the Company's low-  
9 usage customers in the Miami Division.

10

11 **Q. From a customer economics perspective, why does the company believe that**  
12 **it is important to introduce Flat Rate Billing (FRB) in the Miami Division**  
13 **residential market at this time?**

14 **A.** We believe that the Miami Division residential market is receiving a mixed price  
15 signal that is leading customers to make economically inefficient energy  
16 choices. Further, this price signal, within the context of the unique  
17 characteristics of the Miami Division residential market where gas is not an  
18 essential service, is not sufficiently strong to encourage low usage residential  
19 customers to take steps in their best economic interest to lower their overall  
20 energy costs by shifting more of their energy consumption to natural gas. As  
21 shown on Exhibit \_\_\_ (DJN-2), with a negative 4.13% rate of return, the revenue  
22 from these low usage accounts fails to cover their cost of service by a significant  
23 margin. Normally, a decision to subsidize low usage customers is made on  
24 grounds of societal benefits to low income or disadvantaged groups. This  
25 presupposes that low usage customers are either disadvantaged and/or low

1 income. However, as we will show in case of City Gas' unique Miami Division  
2 residential market, the exact opposite appears to be true. The vast majority of  
3 the Company's low usage customers are well above the poverty line. This has  
4 lead to the unfair and anomalous situation where higher income, low usage  
5 customers are being subsidized.

6

7 **Q. What rate design principles did you apply in developing the FRB proposal?**

8 **A.** Four basic principles of rate design were employed. The first principle is  
9 economic efficiency. By this, I mean that the rate should promote economically  
10 efficient energy consumption by consumers. Second, the rate should be fair. In  
11 this instance, the proposed FRB program will affect only one group of City Gas'  
12 customers, the Miami Division residential customers. Therefore, the rate needs  
13 to be fairly apportioned amongst these customers such that it does not unduly  
14 benefit one sub-group of customers at the expense of another. Further, the  
15 doctrine of fairness implies the Company should have a reasonable chance to  
16 recover, through the rate, the cost of serving each of these customers. Third, the  
17 rate should be simple, easy for customers to understand, pay conveniently, and  
18 easy to administer. Fourth and last, the Company should not exceed the revenue  
19 requirement portion assigned for recovery from the Miami Division residential  
20 class.

21

22 **Q. Why do you propose to limit the pilot FRB program to residential**  
23 **customers in the Miami Division rather than extending it to all residential**  
24 **customers?**

1     **A.**     The Miami Division market has several unique characteristics that make flat rate  
2             billing optimal. First, there is a minimal need for space heating in this market.  
3             Based upon statistics from the National Climatic Data Center, Miami's daily  
4             average temperature for the entire year is above 65°F. The average annual  
5             number of heating degree days is 101, seven times less than that experienced in  
6             the Company's more northern Brevard division. In general, Miami Division  
7             residential customers put natural gas to other uses, such as cooking, clothes  
8             drying, and water heating. As shown in Exhibit \_\_\_ (DJN-1), this leads  
9             naturally to residential natural gas consumption that fluctuates very little from  
10            month to month as contrasted with more typical residential consumption, such as  
11            occurs in the Company's Brevard division.

12  
13            The Miami Division's unique residential consumption pattern leads to the  
14            situation shown in Exhibit \_\_\_ (DJN-2), where over 99% of the cost to serve  
15            Miami Division residential customers comes from fixed costs that vary mainly  
16            with the number of customers the Company serves, rather than variable costs  
17            that vary with capacity or consumption. Customer costs far out weigh other  
18            costs that vary with either capacity or consumption. This unique cost structure  
19            is due to the fact that the Miami Division residential market primarily uses gas  
20            for non-heating purposes. Given this cost structure, it follows that a flat monthly  
21            rate design would be a better price mechanism for the Company to recover its  
22            revenue requirement. In addition, a flat rate would provide a clearer price signal  
23            to consumers by better matching the actual fixed or flat cost structure that exists  
24            in the Miami Division residential market. Thus, the pilot FRB program, in

1           accordance with the first rate-making principle, will lead customers to choices  
2           that would result in a more economically efficient allocation of resources.

3

4   **Q.    Would a flat rate price scheme in the Miami Division for FRB eligible**  
5       **residential customers and a usage sensitive rate structure for the rest City**  
6       **Gas' residential customers be unduly discriminatory?**

7   **A.**   No. Such a rate structure is no more discriminatory than charging a different  
8       price for large customer commercial gas service than for small customer gas  
9       service. Just as there is a different character of service and identifiable cost  
10      structure that can be attributed to small and large commercial customers, there  
11      are differences in the character of service and cost to serve between the  
12      Company's residential customers in the Miami Division who would be eligible  
13      for the FRB program and the rest of the Company's residential customers. First,  
14      gas usage by FRB program customers in the Miami Division is not typically  
15      used for space heating or other essential human needs since the average annual  
16      daily temperature in Miami is above 65°F. Next, just as with small and large  
17      commercial customers, the pattern of consumption is considerably different  
18      between FRB program eligible customers and the rest of the Company's  
19      residential customers. Further, as previously discussed, this difference in the  
20      pattern of consumption leads directly to a different cost structure for FRB  
21      eligible customers. Therefore, the different character of service and resulting  
22      different cost structure for FRB program customers justifies a different price  
23      structure and is no more discriminatory than charging a different rate to small  
24      and large volume commercial customers.

25

1 **Q. What measures does the Company propose to address customers who might**  
2 **be encouraged by a flat rate to use gas wastefully, such as by running their**  
3 **pool heaters around the clock?**

4 **A.** We determined that in order to preserve fairness to our customers who use gas  
5 efficiently and responsibly, a cut-off point for eligibility was needed. Therefore,  
6 as part of the FRB program, we are proposing a cut-off point of 600 therms per  
7 year. Customers that exceed this level of usage will be required to remain on the  
8 current residential tariff and be billed under our existing methodology.

9  
10 **Q. How did you determine the cut-off point for customers who will be required**  
11 **to remain on monthly cycle billing?**

12 **A.** The cut-off was determined from reviewing both residential bill frequency data  
13 and estimated appliance gas usage data. There were three objectives in setting  
14 the cut-off point. First, we wanted the majority of customers to be able to  
15 receive the benefits of the pilot FRB program. With the level at 600 therms per  
16 year, over 97% of the Company's Miami Division residential customers are  
17 projected to be included in the FRB program. Also, from the data presented in  
18 Exhibit\_\_\_ (DJN-4), customers making reasonable use of common gas  
19 appliances are eligible for participation in the FRB program. Second, we wanted  
20 to make sure that the rate was fairly apportioned amongst our customers. If  
21 customers using more than 600 therms per year were allowed to participate in  
22 the program, the flat rate would be driven beyond acceptable levels for the  
23 average Miami Division residential customer. By excluding those customers in  
24 excess of 600 therms per year, we are preventing our customers from having to  
25 subsidize a relatively few customers who use exorbitant amounts of gas each



1 month. Finally, by setting a cut-off point at 600 therms per year, we wanted to  
2 encourage our customers to increase gas usage in an economically beneficial  
3 manner, while discouraging inefficient wastes of gas such as running a pool  
4 heater excessively.

5  
6 **Q. How do projected revenues for the class of customers who will be subject to  
7 the pilot FRB program compare to the cost to serve such customers?**

8 **A.** As can be seen in Exhibit \_\_ (DJN-5), by taking total expenses plus taxes, the  
9 annual cost to serve these customers would be \$9,016,994. The revenues of  
10 \$10,515,901 derived from the program would cover these costs, producing a  
11 5.46% rate of return. This rate is identical to the overall rate of return generated  
12 for Miami Division residential customers under the current rate structure, as  
13 shown in Exhibit \_\_ (DJN-2). This is what one would expect under the FRB  
14 program since the new flat rate is revenue neutral, with no more revenue  
15 generated than under the existing residential rate structure.

16  
17 **Q. Please describe the billing analysis that you performed to demonstrate that  
18 the revenues from the FRB customers as a whole will be approximately the  
19 same before and after implementation of the proposal.**

20 **A.** Exhibit \_\_\_ (DJN-6) presents a revenue proof which shows that the non-gas  
21 margin generated by the proposed rate will be essentially the same as the non-  
22 gas margin generated under the current rate. With annual true-ups over the two-  
23 year period shown, the margin revenue that would be generated is in fact 0.3%  
24 less under the flat rate than under the current rate. Such a difference is

1 statistically insignificant. This is in keeping with the rate design principle to  
2 keep the FRB program revenue neutral.

3

4 **Q. How will projected revenues be affected if customers choose to add new gas**  
5 **appliances to take advantage of the flat rate?**

6 **A.** In the year in which a customer installs the appliance, there will be no increase,  
7 as the rate would remain in effect for the entire annual period January to  
8 December. In his testimony, Mr. Kaufmann addresses the mechanism for  
9 changing rates annually, as well as the potential impact resulting from customers  
10 taking advantage of the rate by adding appliances.

11

12 **Q. How will those projected revenues be affected if customers choose to leave**  
13 **the gas system and move exclusively to electric appliances?**

14 **A.** In the long run, revenues will not be affected at all. As Exhibit \_\_\_ (DJN-7)  
15 shows, since 1995 the number of Miami Division residential customers has been  
16 declining, while average customer consumption as shown in Exhibit \_\_\_ (DJN-  
17 1) has remained relatively constant. From this, one can infer that the Company's  
18 smaller customers who use less than 7 therms of gas per month are making the  
19 choice to leave the system, rather than an economically rational decision to shift  
20 more of their energy consumption to natural gas. Therefore, even if one assumes  
21 that low usage customers would leave the system at a faster rate, this would only  
22 hasten a process that is already occurring.

23

1 **Q. What impact would either increased gas throughput from additional gas**  
2 **appliances or loss of customers due to abandonment of natural gas have on**  
3 **the flat rate in future years of the program?**

4 **A.** The flat rate for the next year would either increase or decrease based upon the  
5 annual rate calculation as discussed in Mr. Kaufmann's testimony. However, in  
6 no circumstance would it produce more revenue than would be collected under  
7 the current rates. Further, as presented in Mr. Kaufmann's Exhibit \_\_\_ (TK-4),  
8 if, in what appears to be a most optimistic scenario, all low usage customers  
9 were to add load equivalent to that of a typical water heater over three years,  
10 thereby increasing their current consumption by almost fourfold, the flat rate  
11 monthly bill would only increase by slightly less than 15%.

12  
13 **Q. Will the proposal result in any additional cross-subsidization between the**  
14 **FRB class as a whole and other classes of customers?**

15 **A.** No. As previously discussed in my testimony, the projected rate of return under  
16 the pilot FRB program is identical to the rate of return under the existing rate  
17 structure. Therefore, the relationship among all rate classes remains the same as  
18 approved in the last rate case in Order No. PSC-01-0316-PAA-GU.

19  
20 **Q. What analysis has been performed to determine the percentage of**  
21 **customers that will see increased bills, the percentage that will see**  
22 **decreased bills, and the percentage that will pay approximately the same?**

23 **A.** Exhibit \_\_\_ (DJN-8) presents an analysis based upon the bill frequencies.  
24 Approximately 34% of the FRB customers will pay within  $\pm$  \$4.00 of the  
25 amount they pay under the existing rate structure. The 24% of customers who

1 use 7 therms or less will pay at least \$7.77 more per month than they are  
2 currently paying. Meanwhile, the 42% of customers who use 15 therms or more  
3 will receive a benefit of at least \$7.30 per month.

4  
5 **Q. What factors cause this differential impact among FRB customers?**

6 **A.** This differential impact is the result of spreading the total consumption of the  
7 FRB class evenly across all FRB customers in order to arrive at the FRB rate.  
8 This contrasts with the current rate structure, where each customer's individual  
9 consumption is used to determine the variable portion of their monthly bill.  
10 With the current rate structure, low usage customers whose bills do not cover the  
11 Company's cost of service would naturally see an increase under the pilot FRB  
12 program. Likewise, the average customers who are now subsidizing the low  
13 usage customers under the existing rate structure will see the greatest benefit  
14 from the FRB program.

15

16 **Q. Should the Commission be concerned that under the FRB proposal the low**  
17 **usage customers within the class will be forced to subsidize higher usage**  
18 **customers?**

19 **A.** No. Rather the Commission should be concerned that the current rate structure  
20 subsidizes higher income, low usage residential customers. As will be  
21 demonstrated, the proposed program would in fact correct this unfair, unique,  
22 and unintended result of the current rate structure on the Company's Miami  
23 Division residential customers.

24

1 **Q. What information do you have on the demographics of the low usage**  
2 **customers?**

3 **A.** Exhibit \_\_ (DJN-9) presents the results of a study the Company performed on  
4 residential customers who used less than 84 therms (roughly 7 therms per  
5 month) during the recent 12-month period, March 2001 to March 2002.  
6 Information on the 11,819 City Gas Miami Division residential customers that  
7 were identified as using 7 therms or less per month was sent to AccuData, a  
8 database management firm, to match and append demographic data. Due to no  
9 zip code match, AccuData removed 522 records, resulting in 11,297 to be input  
10 for processing. Of these records, 9,334 (83%) were matched and each record was  
11 appended with all or a combination of the available demographic fields.  
12 Homeowner or renter data was available for 7,587 of these records (81% of the  
13 total matched) and indicated that 95.2% (or 7,225) of these customers definitely  
14 (or probably based on other data) own their homes.

15  
16 **Q. Would you please summarize what this data shows about the characteristics**  
17 **of City Gas' low-usage customers in Miami?**

18 **A.** We found that two basic items stood out. First, the median family annual  
19 income of the low usage customers was between \$50,000 and \$75,000 as is  
20 presented on page 2 of Exhibit \_\_ (DJN-9). Second, we found that  
21 approximately 26% or 3,112 of these customers were 65 years or older as is  
22 presented on page 3 of Exhibit \_\_ (DJN-9). For the senior citizen customer  
23 group, the median annual income was in the \$30,000 and \$39,000 bracket, well  
24 above the poverty level of \$10,705, as is shown on page 5 of Exhibit \_\_ (DJN-  
25 9). Further, from this data we learned that over 93% of the low usage customers

1 are home owners who would benefit economically from shifting more of their  
2 energy consumption to gas by replacing non-gas appliances with more energy  
3 efficient gas units. Likewise we discovered, as shown on page 1 of Exhibit  
4 \_\_\_\_ (DJN-9), that over 97% of the senior households were also homeowners who  
5 could most likely benefit from switching more of their energy consumption to  
6 natural gas.

7  
8 **Q. Does this data support the traditional assumption that low usage customers  
9 are also low-income disadvantaged customers in need of a subsidy?**

10 **A.** No, in fact it appears to suggest quite the opposite. One would find it hard to  
11 argue that home owners with an annual income of between \$50,000 to \$75,000  
12 are either low income or economically disadvantaged. Further, providing a  
13 subsidy for these customers as is done under the current rate structure seems  
14 socially unfair and perverse. Think of it as akin to charging buyers of Chevy  
15 cars a higher price in order to give a price break to Cadillac customers. If  
16 anything, eliminating this subsidy in the Company's current residential rates by  
17 implementing flat rate billing would produce a solution that seems more socially  
18 equitable and fair in keeping with rate design principles.

19  
20 **Q. In summary, does the FRB program meet the four principles of rate design  
21 outlined in your testimony?**

22 **A.** Yes. The FRB program achieves four basic rate design objectives of economic  
23 efficiency, fairness, simplicity and not exceeding the revenue requirement  
24 portion assigned for recovery from the Miami Division residential class. By  
25 more closely matching price to the cost of service, the FRB program achieves

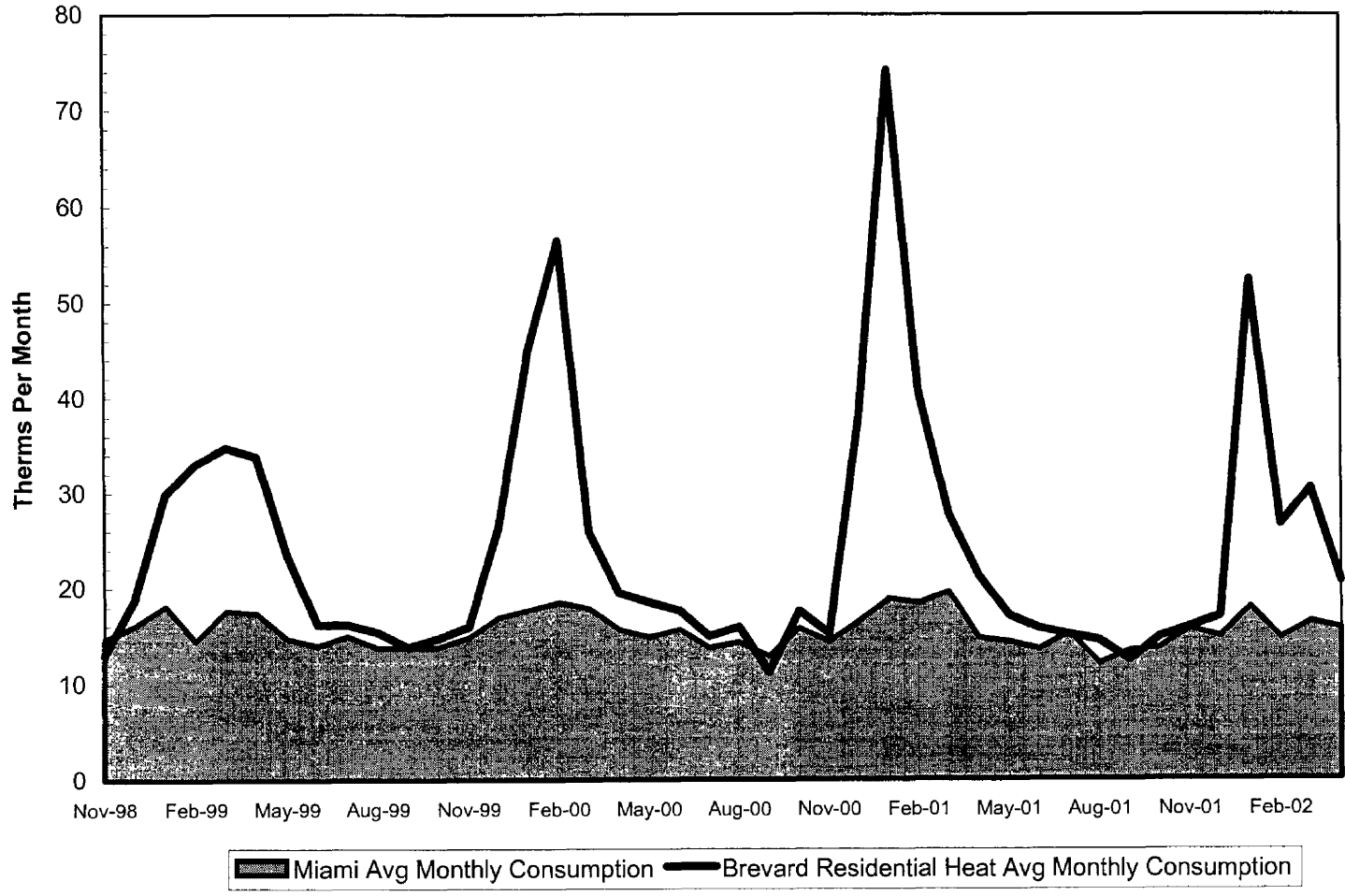
1 the first objective of promoting economic efficiency. Next, by its very nature,  
2 flat rate pricing will avoid the current unfair, unique and unintended situation in  
3 which lower income, higher usage customers subsidize higher income, low  
4 usage customers in the Miami Division. Next, again by their very nature, flat  
5 rates lead to bills that will be simple, easy for customers to understand, pay  
6 conveniently, and easy to administer. Fourth and last, by employing the annual  
7 true-up mechanism in setting the FRB program rate, the Company will avoid  
8 having the revenue generated from the FRB program exceed the revenue  
9 requirement portion assigned for recovery from the Miami Division residential  
10 class.

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

**A.** Yes.

### NUI Utilities d/b/a City Gas Company of Florida Comparison of Miami Residential Consumption per Customer to Brevard Residential Heat Consumption per Customer





## NUI Utilities d/b/a City Gas Company of Florida

### Cost of Service to Miami Residential Customers

Based upon the Fall 2000 Rate Case Cost of Service Study

	FRB Eligible Miami Residential	Larger Miami Residential (>7 Therms/ Month)	Small Miami Residential (<7 Therms/ Month)
<b>REVENUES:</b>			
Gas Sales	\$ 10,070,366	\$ 8,569,477	\$ 1,500,890
Other Operating Revenue	\$ 444,106	\$ 407,328	\$ 36,778
<b>Total Gas Sales</b>	<b>\$ 10,514,473</b>	<b>\$ 8,976,805</b>	<b>\$ 1,537,668</b>
<b>EXPENSES:</b>			
Purchased Gas Cost	\$ -	\$ -	\$ -
O&M Expenses			
Customer	\$ 5,286,604	\$ 4,096,854	\$ 1,189,750
Capacity	\$ 685,242	\$ 653,705	\$ 31,537
Commodity	\$ 74,083	\$ 69,026	\$ 5,058
Bad Debt	\$ 13,966	\$ 11,282	\$ 2,684
<b>sub-Total O&amp;M Expenses</b>	<b>\$ 6,059,895</b>	<b>\$ 4,830,867</b>	<b>\$ 1,229,028</b>
Depreciation Expenses			
Customer	\$ 1,052,160	\$ 815,372	\$ 236,788
Capacity	\$ 565,062	\$ 539,057	\$ 26,006
<b>sub-Total Depreciation Expenses</b>	<b>\$ 1,617,222</b>	<b>\$ 1,354,428</b>	<b>\$ 262,794</b>
Amortization Expenses			
Customer	\$ 7,337	\$ 5,686	\$ 1,651
Capacity	\$ 3,169	\$ 3,024	\$ 146
Commodity	\$ 6,724	\$ 6,265	\$ 459
<b>sub-Total Amortization Expenses</b>	<b>\$ 17,231</b>	<b>\$ 14,975</b>	<b>\$ 2,256</b>
Taxes Other Than Income—Fixed			
Customer	\$ 338,782	\$ 262,539	\$ 76,243
Capacity	\$ 181,943	\$ 173,569	\$ 8,373
<b>sub-Total Taxes Other Than Income—Fixed</b>	<b>\$ 520,725</b>	<b>\$ 436,109</b>	<b>\$ 84,616</b>
Taxes Other Than Income—Revenue	\$ 53,165	\$ 42,948	\$ 10,217
<b>Total Expenses excluding Income Taxes</b>	<b>\$ 8,268,237</b>	<b>\$ 6,679,326</b>	<b>\$ 1,588,911</b>
<b>INCOME TAXES:</b>			
Customer	\$ 162,901	\$ 126,240	\$ 36,661
Capacity	\$ 82,746	\$ 78,937	\$ 3,808
Commodity	\$ 128	\$ 119	\$ 9
Revenue	\$ 502,982	\$ 406,323	\$ 96,658
<b>sub-Total INCOME TAXES:</b>	<b>\$ 748,756</b>	<b>\$ 611,620</b>	<b>\$ 137,136</b>
<b>Total Annual Cost of Service</b>	<b>\$ 9,016,994</b>	<b>\$ 7,290,947</b>	<b>\$ 1,726,047</b>
<b>NET OPERATING INCOME:</b>	<b>\$ 1,497,479</b>	<b>\$ 1,685,858</b>	<b>\$ (188,379)</b>
<b>RATE BASE:</b>			
Customer	\$ 18,419,725	\$ 14,274,368	\$ 4,145,357
Capacity	\$ 9,003,254	\$ 8,588,901	\$ 414,353
Commodity	\$ 14,469	\$ 13,481	\$ 988
<b>sub-Total RATE BASE:</b>	<b>\$ 27,437,448</b>	<b>\$ 22,876,751</b>	<b>\$ 4,560,697</b>
<b>Percentage Fixed Cost to Serve</b>	<b>99.95%</b>	<b>99.94%</b>	<b>99.98%</b>
<b>RATE OF RETURN</b>	<b>5.46%</b>	<b>7.37%</b>	<b>-4.13%</b>
<b>Allocation Factors</b>			
NO OF CUSTOMERS SALES	57,645	44,672	12,973
Peak & Avg. Mon Sales Vol (therms)	1,973,185	1,882,374	90,811
ANNUAL SALES (therms)	9,889,838	9,214,651	675,187
Revenue	30,836	24,910	5,926

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Jan-00

BEGIN	INTERVAL	END	Number of Bills IN INTERVAL	Percentage of Class Population	Number of Bills CUM. IN INTERVAL	Cumulative Percentage of Class Population	THERM SALES IN INTERVAL	Percentage of Total Class Therm Sales	THERM SALES CUM. IN INTERVAL	Cumulative Percentage of Total Class Therm Sales	CONSUMPTION FACTOR THERMS
0.1	to	1 0	922	1.68476%	922	1.68476%	922.0	0.06010%	922 0	0.06010%	54,726 0
1.1	to	2 0	981	1.79257%	1,903	3.47732%	1,962 0	0.12790%	2,884 0	0.18801%	108,530 0
2.1	to	3 0	1,116	2.03925%	3,019	5.51657%	3,348 0	0.21825%	6,232 0	0.40626%	161,353 0
3.1	to	4.0	1,218	2.22563%	4,237	7.74221%	4,872.0	0.31760%	11,104 0	0.72386%	213,060.0
4.1	to	5.0	1,351	2.46866%	5,588	10.21087%	6,755.0	0.44035%	17,859.0	1.16422%	263,549.0
5.1	to	6.0	1,342	2.45222%	6,930	12.66309%	8,052 0	0.52490%	25,911 0	1.68912%	312,687.0
6 1	to	7 0	1,496	2.73362%	8,426	15.39670%	10,472.0	0.68266%	36,383 0	2.37178%	360,483.0
7 1	to	10 0	5,152	9.41417%	13,578	24.81088%	46,684 0	3.04330%	83,067.0	5.41508%	494,547.0
10.1	to	15 0	7,535	13.76859%	21,113	38.57947%	96,476.0	6.28920%	179,543 0	11.70428%	683,738 0
15.1	to	20.0	9,322	17.03395%	30,435	55.61342%	168,221 0	10.96621%	347,764 0	22.67049%	833,584.0
20.1	to	21.0	1,748	3.19409%	32,183	58.80751%	36,708 0	2.39297%	384,472.0	25.06346%	857,875.0
21.1	to	25.0	5,212	9.52381%	37,395	68.33132%	121,964.0	7.95075%	506,436.0	33.01421%	939,711.0
25.1	to	26.0	1,019	1.86200%	38,414	70.19333%	26,494.0	1.72713%	532,930 0	34.74134%	957,042.0
26.1	to	30.0	2,794	5.10543%	41,208	75.29876%	79,164.0	5.16065%	612,094.0	39.90198%	1,017,634.0
30.1	to	35.0	3,283	5.99898%	44,491	81.29774%	107,616 0	7.01541%	719,710.0	46.91739%	1,077,935 0
35 1	to	37 0	995	1.81815%	45,486	83.11589%	36,271.0	2.36448%	755,981 0	49.28187%	1,097,861 0
37.1	to	40 0	1,227	2.24208%	46,713	85.35797%	47,809.0	3.11664%	803,790.0	52.39851%	1,124,310 0
40.1	to	50.0	2,482	4.53532%	49,195	89.89329%	112,153 0	7.31118%	915,943 0	59.70969%	1,192,493.0
50.1	to	62.0	1,567	2.86336%	50,762	92.75664%	87,448.0	5.70067%	1,003,391 0	65.41036%	1,249,159.0
62.1	to	75.0	932	1.70303%	51,694	94.45967%	63,312.0	4.12727%	1,066,703.0	69.53763%	1,294,103.0
75 1	to	90.0	627	1.14571%	52,321	95.60538%	51,417 0	3.35184%	1,118,120.0	72.88946%	1,334,570 0
90 1	to	100.0	293	0.53539%	52,614	96.14077%	27,864 0	1.81643%	1,145,984 0	74.70590%	1,357,184.0
100 1	to	104 0	92	0.16811%	52,706	96.30888%	9,424.0	0.61434%	1,155,408.0	75.32024%	1,365,488.0
104.1	to	150.0	859	1.56964%	53,565	97.87852%	108,618.0	7.08073%	1,264,026 0	82.40097%	1,438,176 0
150.1	to	187.0	497	0.90816%	54,062	98.78668%	83,066.0	5.41501%	1,347,092.0	87.81599%	1,471,260.0
187.1	to	208 0	180	0.32891%	54,242	99.11559%	35,661 0	2.32472%	1,382,753.0	90.14070%	1,483,425.0
208.1	to	250.0	209	0.38190%	54,451	99.49750%	47,348 0	3.08658%	1,430,101.0	93.22729%	1,498,851 0
250.1	to	260 0	33	0.06030%	54,484	99.55780%	8,423.0	0.54909%	1,438,524.0	93.77638%	1,501,444 0
260.1	to	400.0	203	0.37094%	54,687	99.92874%	73,450.0	4.78815%	1,511,974.0	98.56453%	1,527,574.0
400.1	to	500.0	24	0.04385%	54,711	99.97259%	10,580.0	0.68970%	1,522,554.0	99.25423%	1,530,054.0
500.1	to	700.0	11	0.02010%	54,722	99.99269%	6,195.0	0.40385%	1,528,749.0	99.65808%	1,531,549.0
700.1	to	750.0	0	0.00000%	54,722	99.99269%	0.0	0.00000%	1,528,749 0	99.65808%	1,531,749 0
750 1	to	1,000.0	1	0.00183%	54,723	99.99452%	901.0	0.05874%	1,529,650.0	99.71682%	1,532,650.0
1,000.1	to	1,040.0	0	0.00000%	54,723	99.99452%	0.0	0.00000%	1,529,650.0	99.71682%	1,532,770.0
1,040.1	to	2,000.0	2	0.00365%	54,725	99.99817%	2,180.0	0.14211%	1,531,830.0	99.85893%	1,533,830.0
2,000 1	to	2,080.0	0	0.00000%	54,725	99.99817%	0.0	0.00000%	1,531,830 0	99.85893%	1,533,910 0
2,080.1	to	2,500.0	1	0.00183%	54,726	100.00000%	2,164.0	0.14107%	1,533,994.0	100.00000%	1,533,994.0
2,500.1	to	3,000.0	0	0.00000%	54,726	100.00000%	0 0	0.00000%	1,533,994.0	100.00000%	1,533,994.0
3,000.1	to	5,000.0	0	0.00000%	54,726	100.00000%	0 0	0.00000%	1,533,994 0	100.00000%	1,533,994.0
5,000.1	to	10,000.0	0	0.00000%	54,726	100.00000%	0.0	0.00000%	1,533,994.0	100.00000%	1,533,994.0
10,000.1	to	99,999.0	0	0.00000%	54,726	100.00000%	0 0	0.00000%	1,533,994 0	100.00000%	1,533,994 0

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Feb-00

INTERVAL		Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Cumulative Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales
BEGIN	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales
0.1	to	1.0	1,014	1,014	1.79548%	1,014.0	0.08261%	1,014.0	0.08261%
1.1	to	2.0	1,158	2,172	2.05046%	2,316.0	0.18868%	3,330.0	0.27129%
2.1	to	3.0	1,399	3,571	2.47720%	4,197.0	0.34192%	7,527.0	0.61321%
3.1	to	4.0	1,376	4,947	2.43648%	5,504.0	0.44840%	13,031.0	1.06162%
4.1	to	5.0	1,371	6,318	2.42762%	6,855.0	0.55847%	19,886.0	1.62008%
5.1	to	6.0	1,413	7,731	2.50199%	8,478.0	0.69069%	28,364.0	2.31077%
6.1	to	7.0	1,614	9,345	2.85790%	11,298.0	0.92043%	39,662.0	3.23121%
7.1	to	10.0	5,490	14,835	9.72112%	49,741.0	4.05233%	89,403.0	7.28354%
10.1	to	15.0	8,278	23,113	14.65781%	40,926.0	8.66541%	195,768.0	15.94894%
15.1	to	20.0	10,179	33,292	18.02390%	182,763.0	14.88944%	378,531.0	30.83839%
20.1	to	21.0	1,987	35,279	3.51837%	41,727.0	3.39944%	420,258.0	34.23782%
21.1	to	25.0	5,762	41,041	10.20274%	134,941.0	10.99345%	555,199.0	45.23128%
25.1	to	26.0	1,071	42,112	1.89641%	27,846.0	2.26857%	583,045.0	47.49985%
26.1	to	30.0	2,947	45,059	5.21824%	83,908.0	6.83587%	666,953.0	54.33572%
30.1	to	35.0	3,504	48,563	6.20452%	114,988.0	9.36791%	781,941.0	63.70363%
35.1	to	37.0	1,082	49,645	1.91589%	39,484.0	3.21671%	821,425.0	66.92033%
37.1	to	40.0	1,299	50,944	2.30013%	50,570.0	4.11987%	871,995.0	71.04020%
40.1	to	50.0	2,573	53,517	4.55600%	116,401.0	9.48302%	988,396.0	80.52322%
50.1	to	62.0	1,449	54,966	2.56574%	80,464.0	6.55529%	1,068,860.0	87.07851%
62.1	to	75.0	735	55,701	1.30146%	98,629.0	4.06137%	1,168,489.0	91.13988%
75.1	to	90.0	342	56,043	0.60558%	27,893.0	2.27240%	1,196,382.0	93.41229%
90.1	to	100.0	135	56,178	0.23904%	12,758.0	1.03938%	1,209,140.0	94.45166%
100.1	to	104.0	27	56,205	0.04781%	2,780.0	0.22648%	1,211,920.0	94.67815%
104.1	to	150.0	155	56,360	0.27446%	18,797.0	1.53136%	1,230,717.0	96.20951%
150.1	to	187.0	46	56,406	0.08145%	7,595.0	0.61875%	1,238,312.0	96.82827%
187.1	to	208.0	9	56,415	0.01594%	1,756.0	0.14306%	1,240,068.0	96.97132%
208.1	to	250.0	18	56,433	0.03187%	4,071.0	0.33166%	1,244,139.0	97.30298%
250.1	to	260.0	3	56,436	0.00531%	773.0	0.06298%	1,244,912.0	97.36596%
260.1	to	400.0	25	56,461	0.04427%	8,165.0	0.66519%	1,253,077.0	98.03115%
400.1	to	500.0	3	56,464	0.00531%	1,426.0	0.11617%	1,254,503.0	98.14732%
500.1	to	700.0	3	56,467	0.00531%	1,767.0	0.14395%	1,256,270.0	98.29128%
700.1	to	750.0	1	56,468	0.00177%	707.0	0.05760%	1,257,977.0	98.34888%
750.1	to	1,000.0	1	56,469	0.00177%	920.0	0.07495%	1,258,897.0	98.42383%
1,000.1	to	1,040.0	0	56,469	0.00000%	0.0	0.00000%	1,258,897.0	98.42383%
1,040.1	to	2,000.0	3	56,472	0.00531%	3,392.0	0.27634%	1,262,289.0	98.70017%
2,000.1	to	2,080.0	0	56,472	0.00000%	0.0	0.00000%	1,262,289.0	98.70017%
2,080.1	to	2,500.0	0	56,472	0.00000%	0.0	0.00000%	1,262,289.0	98.70017%
2,500.1	to	3,000.0	0	56,472	0.00000%	0.0	0.00000%	1,262,289.0	98.70017%
3,000.1	to	5,000.0	2	56,474	0.00354%	7,093.0	0.57786%	1,269,382.0	99.27803%
5,000.1	to	10,000.0	1	56,475	0.00177%	8,862.0	0.72197%	1,278,244.0	100.00000%
10,000.1	to	99,999.0	0	56,475	0.00000%	0.0	0.00000%	1,278,244.0	100.00000%

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit\_\_(DJN-3)  
 City Gas Witness Nikolich  
 Flat Rate Billing Docket  
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Mar-00

BEGIN	INTERVAL	END	Number of Bills IN INTERVAL	Percentage of Class Population	Number of Bills CUM. IN INTERVAL	Cumulative Percentage of Class Population	THERM SALES IN INTERVAL	Percentage of Total Class Therm Sales	THERM SALES CUM. IN INTERVAL	Cumulative Percentage of Total Class Therm Sales
0.1	to	1.0	907	1.93568%	907	1.93568%	907.0	0.11259%	907.0	0.11259%
1.1	to	2.0	1,063	2.26860%	1,970	4.20428%	2,126.0	0.26391%	3,033.0	0.37651%
2.1	to	3.0	1,257	2.68263%	3,227	6.88691%	3,771.0	0.46812%	6,804.0	0.84462%
3.1	to	4.0	1,463	3.12227%	4,690	10.00918%	5,852.0	0.72645%	12,656.0	1.57107%
4.1	to	5.0	1,558	3.32501%	6,248	13.33419%	7,790.0	0.96702%	20,446.0	2.53809%
5.1	to	6.0	1,608	3.43172%	7,856	16.76590%	9,648.0	1.19767%	30,094.0	3.73576%
6.1	to	7.0	1,799	3.83934%	9,655	20.60525%	12,593.0	1.56325%	42,687.0	5.29901%
7.1	to	10.0	5,946	12.68967%	15,601	33.29492%	53,738.0	6.67085%	96,425.0	11.96986%
10.1	to	15.0	8,353	17.82658%	23,954	51.12150%	107,038.0	13.28732%	203,463.0	25.25718%
15.1	to	20.0	9,205	19.64488%	33,159	70.76637%	165,050.0	20.48873%	368,513.0	45.74591%
20.1	to	21.0	1,482	3.16281%	34,641	73.92919%	31,122.0	3.86338%	399,635.0	49.60928%
21.1	to	25.0	4,425	9.44363%	39,066	83.37282%	103,387.0	12.83410%	503,022.0	62.44338%
25.1	to	26.0	826	1.76281%	39,892	85.13563%	21,476.0	2.66595%	524,498.0	65.10933%
26.1	to	30.0	1,967	4.19788%	41,859	89.33350%	55,904.0	6.93973%	580,402.0	72.04906%
30.1	to	35.0	2,068	4.41343%	43,927	93.74693%	67,635.0	8.39597%	648,037.0	80.44503%
35.1	to	37.0	541	1.15458%	44,468	94.90151%	19,711.0	2.44885%	667,748.0	82.89188%
37.1	to	40.0	621	1.32531%	45,089	96.22682%	24,151.0	2.99802%	691,899.0	85.88990%
40.1	to	50.0	937	1.99970%	46,026	98.22652%	41,963.0	5.20914%	733,862.0	91.09904%
50.1	to	62.0	413	0.88141%	46,439	99.10792%	22,853.0	2.83689%	756,715.0	93.93593%
62.1	to	75.0	158	0.33720%	46,597	99.44512%	10,670.0	1.32454%	767,385.0	95.26047%
75.1	to	90.0	85	0.18140%	46,682	99.62652%	6,993.0	0.86809%	774,378.0	96.12856%
90.1	to	100.0	29	0.06189%	46,711	99.68841%	2,786.0	0.34584%	777,164.0	96.47440%
100.1	to	104.0	6	0.01280%	46,717	99.70122%	623.0	0.07734%	777,787.0	96.55174%
104.1	to	150.0	71	0.15152%	46,788	99.85274%	8,688.0	1.07850%	786,475.0	97.63023%
150.1	to	187.0	19	0.04055%	46,807	99.89329%	3,135.0	0.38917%	789,610.0	98.01940%
187.1	to	208.0	11	0.02348%	46,818	99.91677%	2,183.0	0.27099%	791,793.0	98.29039%
208.1	to	250.0	9	0.01921%	46,827	99.93598%	2,069.0	0.25684%	793,862.0	98.54723%
250.1	to	260.0	2	0.00427%	46,829	99.94024%	509.0	0.06319%	794,371.0	98.61042%
260.1	to	400.0	20	0.04268%	46,849	99.98293%	6,459.0	0.80180%	800,830.0	99.41221%
400.1	to	500.0	4	0.00854%	46,853	99.99146%	1,753.0	0.21761%	802,583.0	99.62983%
500.1	to	700.0	2	0.00427%	46,855	99.99573%	1,042.0	0.12935%	803,625.0	99.75918%
700.1	to	750.0	0	0.00000%	46,855	99.99573%	0.0	0.00000%	803,625.0	99.75918%
750.1	to	1,000.0	1	0.00213%	46,856	99.99787%	856.0	0.10626%	804,481.0	99.86544%
1,000.1	to	1,040.0	0	0.00000%	46,856	99.99787%	0.0	0.00000%	804,481.0	99.86544%
1,040.1	to	2,000.0	1	0.00213%	46,857	100.00000%	1,084.0	0.13456%	805,565.0	100.00000%
2,000.1	to	2,080.0	0	0.00000%	46,857	100.00000%	0.0	0.00000%	805,565.0	100.00000%
2,080.1	to	2,500.0	0	0.00000%	46,857	100.00000%	0.0	0.00000%	805,565.0	100.00000%
2,500.1	to	3,000.0	0	0.00000%	46,857	100.00000%	0.0	0.00000%	805,565.0	100.00000%
3,000.1	to	5,000.0	0	0.00000%	46,857	100.00000%	0.0	0.00000%	805,565.0	100.00000%
5,000.1	to	10,000.0	0	0.00000%	46,857	100.00000%	0.0	0.00000%	805,565.0	100.00000%
10,000.1	to	99,999.0	0	0.00000%	46,857	100.00000%	0.0	0.00000%	805,565.0	100.00000%

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit\_\_\_\_(DUN-3)  
 City Gas Witness Nikolich  
 Flat Rate Billing Docket  
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Apr-00

INTERVAL BEGIN	INTERVAL END	Number of Bills IN INTERVAL	Percentage of Class Population	Number of Bills CUM. IN INTERVAL	Cumulative Percentage of Class Population	THERM SALES IN INTERVAL	Percentage of Total Class Therm Sales	THERM SALES CUM. IN INTERVAL	Cumulative Percentage of Total Class Therm Sales
0.1	to 1.0	1,085	1.87745%	1,085	1.87745%	1,085 0	0.12585%	1,085.0	0.12585%
1.1	to 2.0	1,333	2.30659%	2,418	4.18404%	2,666 0	0.30924%	3,751.0	0.43509%
2.1	to 3.0	1,847	3.19600%	4,265	7.38004%	5,541 0	0.64272%	9,292 0	1.07781%
3.1	to 4.0	2,075	3.59052%	6,340	10.97057%	8,300.0	0.96274%	17,592 0	2.04055%
4.1	to 5.0	2,444	4.22903%	8,784	15.19960%	12,220.0	1.41744%	29,812.0	3.45799%
5.1	to 6.0	2,611	4.51800%	11,395	19.71760%	15,666 0	1.81715%	45,478.0	5.27514%
6.1	to 7.0	2,846	4.92464%	14,241	24.64225%	19,922.0	2.31082%	65,400 0	7.58596%
7.1	to 10.0	9,343	16.16688%	23,584	40.80912%	84,348 0	9.78380%	149,748.0	17.36976%
10.1	to 15.0	12,119	20.97039%	35,703	61.77952%	154,020.0	17.86528%	303,768 0	35.23504%
15.1	to 20.0	11,003	19.03930%	46,706	80.81881%	194,960 0	22.61405%	498,728.0	57.84909%
20.1	to 21.0	1,430	2.47443%	48,136	83.29325%	30,030 0	3.48328%	528,758 0	61.33237%
21.1	to 25.0	4,125	7.13779%	52,261	90.43104%	96,221.0	11.16099%	624,979 0	72.49336%
25.1	to 26.0	643	1.11263%	52,904	91.54367%	16,718.0	1.93918%	641,697.0	74.43253%
26.1	to 30.0	1,593	2.75648%	54,497	94.30015%	44,866.0	5.20415%	686,563.0	79.63669%
30.1	to 35.0	1,508	2.60940%	56,005	96.90955%	49,276.0	5.71568%	735,839 0	85.35237%
35.1	to 37.0	352	0.60909%	56,357	97.51864%	12,857.0	1.49133%	748,696 0	86.84370%
37.1	to 40.0	366	0.63332%	56,723	98.15196%	14,236.0	1.65128%	762,932.0	88.49498%
40.1	to 50.0	529	0.91537%	57,252	99.06733%	23,668.0	2.74533%	786,600.0	91.24030%
50.1	to 62.0	221	0.38241%	57,473	99.44974%	12,271.0	1.42335%	798,871 0	92.66366%
62.1	to 75.0	95	0.16439%	57,568	99.61413%	6,459 0	0.74920%	805,330.0	93.41286%
75.1	to 90.0	74	0.12805%	57,642	99.74217%	6,003.0	0.69631%	811,333 0	94.10917%
90.1	to 100.0	28	0.04845%	57,670	99.79062%	2,644 0	0.30669%	813,977.0	94.41585%
100.1	to 104.0	6	0.01038%	57,676	99.80101%	615 0	0.07134%	814,592.0	94.48719%
104.1	to 150.0	55	0.09517%	57,731	99.89618%	6,678.0	0.77460%	821,270 0	95.26179%
150.1	to 187.0	14	0.02423%	57,745	99.92040%	2,422.0	0.28094%	823,692 0	95.54273%
187.1	to 208.0	3	0.00519%	57,748	99.92559%	602 0	0.06983%	824,294 0	95.61255%
208.1	to 250.0	10	0.01730%	57,758	99.94290%	2,259.0	0.26203%	826,553 0	95.87458%
250.1	to 260.0	0	0.00000%	57,758	99.94290%	0.0	0.00000%	826,553 0	95.87458%
260.1	to 400.0	14	0.02423%	57,772	99.96712%	4,345 0	0.50399%	830,898.0	96.37857%
400.1	to 500.0	4	0.00692%	57,776	99.97404%	1,859.0	0.21563%	832,757 0	96.59421%
500.1	to 700.0	1	0.00173%	57,777	99.97577%	620.0	0.07192%	833,377.0	96.66612%
700.1	to 750.0	0	0.00000%	57,777	99.97577%	0.0	0.00000%	833,377.0	96.66612%
750.1	to 1,000.0	1	0.00173%	57,778	99.97751%	819.0	0.09500%	834,196.0	96.76112%
1,000.1	to 1,040.0	0	0.00000%	57,778	99.97751%	0.0	0.00000%	834,196.0	96.76112%
1,040.1	to 2,000.0	9	0.01557%	57,787	99.99308%	10,257.0	1.18974%	844,453.0	97.95086%
2,000.1	to 2,080.0	0	0.00000%	57,787	99.99308%	0.0	0.00000%	844,453.0	97.95086%
2,080.1	to 2,500.0	0	0.00000%	57,787	99.99308%	0.0	0.00000%	844,453.0	97.95086%
2,500.1	to 3,000.0	3	0.00519%	57,790	99.99827%	8,304.0	0.96321%	852,757 0	98.91407%
3,000.1	to 5,000.0	0	0.00000%	57,790	99.99827%	0.0	0.00000%	852,757.0	98.91407%
5,000.1	to 10,000.0	1	0.00173%	57,791	100.00000%	9,362.0	1.08593%	862,119.0	100.00000%
10,000.1	to 99,999.0	0	0.00000%	57,791	100.00000%	0.0	0.00000%	862,119.0	100.00000%

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit\_\_(DJN-3)  
 City Gas Witness Nikolich  
 Flat Rate Billing Docket  
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May-00

INTERVAL		Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales	
BEGIN	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales	
0 1	to	1 0	1,142	2 02615%	1,142	2 02615%	1,142.0	0.13472%	0 13472%	
1 1	to	2 0	1,296	2 29938%	2,438	4 32553%	2,592.0	0.30578%	0 44051%	
2 1	to	3 0	1,757	3 11729%	4,195	7 44283%	5,271.0	0.62183%	1 06234%	
3 1	to	4 0	2,255	4 00085%	6,450	11.44368%	9,020.0	1.06411%	2 12645%	
4 1	to	5 0	2,366	4.19779%	8,816	15.64147%	11,830.0	1 39561%	29,855.0	3 52206%
5 1	to	6 0	2,549	4.52247%	11,365	20.16394%	15,294.0	1 80427%	45,149.0	5.32632%
6 1	to	7 0	2,908	5.15941%	14,273	25 32335%	20,356.0	2 40144%	65,505.0	7.72776%
7 1	to	10 0	9,073	16 09744%	23,346	41.42079%	81,770.0	9 64658%	147,275.0	17.37434%
10 1	to	15 0	11,384	20 19765%	34,730	61.61844%	145,905.0	17.21272%	293,180.0	34.58706%
15 1	to	20 0	10,539	18.69844%	45,269	80.31687%	186,377.0	21.98729%	479,557.0	56.57435%
20 1	to	21 0	1,417	2.51406%	46,686	82.83094%	29,757.0	3.51050%	509,314.0	60.08485%
21 1	to	25 0	3,935	6.98153%	50,621	89 81247%	91,762.0	10.82536%	601,076.0	70.91020%
25 1	to	26 0	707	1.25437%	51,328	91 06683%	18,382.0	2 16856%	619,458.0	73.07877%
26 1	to	30 0	1,568	2.78197%	52,896	93.84880%	44,474.0	5 24669%	663,932.0	78 32546%
30 1	to	35 0	1,576	2 79616%	54,472	96.64496%	51,577.0	6.08465%	715,509.0	84.41010%
35 1	to	37 0	345	0 61210%	54,817	97.25707%	12,578.0	1.48385%	728,087.0	85 89396%
37 1	to	40 0	398	0 70614%	55,215	97.96320%	15,476.0	1.82574%	743,563.0	87 71969%
40 1	to	50 0	582	1.03259%	55,797	98.99580%	26,010.0	3.06845%	769,573.0	90 78815%
50 1	to	62 0	247	0.43823%	56,044	99.43403%	13,687.0	1.61468%	783,260.0	92.40283%
62 1	to	75 0	116	0.20581%	56,160	99.63983%	7,897.0	0.93163%	791,157.0	93.33446%
75 1	to	90 0	64	0.11355%	56,224	99.75338%	5,275.0	0 62230%	796,432.0	93.95676%
90 1	to	100 0	27	0 04790%	56,251	99 80129%	2,571.0	0.30331%	799,003.0	94 26007%
100 1	to	104 0	9	0 01597%	56,260	99.81726%	921.0	0 10865%	799,924.0	94 36872%
104 1	to	150 0	47	0.08339%	56,307	99.90064%	5,791.0	0.68318%	805,715.0	95.05190%
150 1	to	187 0	15	0.02661%	56,322	99 92726%	2,482.0	0 29281%	808,197.0	95.34470%
187 1	to	208 0	3	0.00532%	56,325	99 93258%	579.0	0.06831%	808,776.0	95 41301%
208 1	to	250 0	9	0.01597%	56,334	99 94855%	2,082.0	0.24562%	810,858.0	95.65863%
250 1	to	260 0	2	0.00355%	56,336	99.95210%	505.0	0.05958%	811,363.0	95.71820%
260 1	to	400 0	14	0 02484%	56,350	99.97694%	4,399.0	0.51896%	815,762.0	96.23716%
400 1	to	500 0	3	0 00532%	56,353	99.98226%	1,227.0	0.14475%	816,989.0	96.38191%
500 1	to	700 0	1	0 00177%	56,354	99 98403%	563.0	0.06642%	817,552.0	96 44833%
700 1	to	750 0	0	0.00000%	56,354	99.98403%	0.0	0.00000%	817,552.0	96 44833%
750 1	to	1,000 0	2	0 00355%	56,356	99 98758%	1,777.0	0.20964%	819,329.0	96 65797%
1,000 1	to	1,040 0	0	0 00000%	56,356	99.98758%	0.0	0.00000%	819,329.0	96.65797%
1,040 1	to	2,000 0	2	0 00355%	56,358	99.99113%	2,143.0	0.25281%	821,472.0	96.91078%
2,000 1	to	2,080 0	0	0.00000%	56,358	99 99113%	0.0	0.00000%	821,472.0	96.91078%
2,080 1	to	2,500 0	0	0 00000%	56,358	99.99113%	0 0	0.00000%	821,472.0	96.91078%
2,500 1	to	3,000 0	1	0.00177%	56,359	99 99290%	2,524.0	0.29776%	823,996.0	97.20854%
3,000 1	to	5,000 0	2	0.00355%	56,361	99 99645%	8,722.0	1.02895%	832,718.0	98 23750%
5,000 1	to	10,000 0	2	0.00355%	56,363	100 00000%	14,940.0	1.76250%	847,658.0	100.00000%
10,000 1	to	99,999 0	0	0.00000%	56,363	100 00000%	0 0	0.00000%	847,658.0	100.00000%

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit\_\_(D)N-3)  
 City Gas Witness Nikolich  
 Flat Rate Billing Docket  
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Jun-00

INTERVAL			Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Cumulative Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales
BEGIN	INTERVAL	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales
0.1	to	1.0	1,175	2.16084%	1,175	2.16084%	1,175.0	0.15237%	1,175.0	0.15237%
1.1	to	2.0	1,508	2.77323%	2,683	4.93407%	3,016.0	0.39109%	4,191.0	0.54346%
2.1	to	3.0	2,169	3.98882%	4,852	8.92289%	6,507.0	0.84378%	10,698.0	1.38724%
3.1	to	4.0	2,473	4.54788%	7,325	13.47077%	9,892.0	1.28272%	20,590.0	2.66996%
4.1	to	5.0	2,648	4.86971%	9,973	18.34047%	13,240.0	1.71686%	33,830.0	4.38682%
5.1	to	6.0	2,909	5.34969%	12,882	23.69016%	17,454.0	2.26330%	51,284.0	6.65012%
6.1	to	7.0	3,228	5.93633%	16,110	29.62650%	22,596.0	2.93008%	73,880.0	9.58020%
7.1	to	10.0	9,262	17.03294%	25,372	46.65943%	83,412.0	10.81624%	157,292.0	20.39643%
10.1	to	15.0	11,350	20.87280%	36,722	67.53223%	146,895.0	19.04823%	304,187.0	39.44466%
15.1	to	20.0	8,916	16.39664%	45,638	83.92887%	157,783.0	20.46010%	461,970.0	59.90477%
20.1	to	21.0	1,155	2.12406%	46,793	86.05293%	24,255.0	3.14520%	486,225.0	63.04997%
21.1	to	25.0	3,241	5.96024%	50,034	92.01317%	75,652.0	9.80998%	561,877.0	72.85995%
25.1	to	26.0	536	0.98571%	50,570	92.99888%	13,936.0	1.80711%	575,813.0	74.66707%
26.1	to	30.0	1,220	2.24360%	51,790	95.24247%	34,908.0	4.52660%	610,721.0	79.19367%
30.1	to	35.0	1,158	2.12958%	52,948	97.37205%	37,791.0	4.90045%	648,512.0	84.09412%
35.1	to	37.0	271	0.49837%	53,219	97.87042%	9,874.0	1.28039%	658,386.0	85.37451%
37.1	to	40.0	299	0.54986%	53,518	98.42029%	11,621.0	1.50692%	670,007.0	86.88143%
40.1	to	50.0	406	0.74664%	53,924	99.16693%	18,259.0	2.36769%	688,266.0	89.24912%
50.1	to	62.0	204	0.37516%	54,128	99.54209%	11,328.0	1.46893%	699,594.0	90.71805%
62.1	to	75.0	82	0.15080%	54,210	99.69288%	5,609.0	0.72733%	705,203.0	91.44538%
75.1	to	90.0	45	0.08276%	54,255	99.77564%	3,734.0	0.48420%	708,937.0	91.92958%
90.1	to	100.0	25	0.04598%	54,280	99.82162%	2,391.0	0.31005%	711,328.0	92.23962%
100.1	to	104.0	6	0.01103%	54,286	99.83265%	614.0	0.07962%	711,942.0	92.31924%
104.1	to	150.0	39	0.07172%	54,325	99.90437%	4,697.0	0.60907%	716,639.0	92.92831%
150.1	to	187.0	16	0.02942%	54,341	99.93380%	2,659.0	0.34480%	719,298.0	93.27311%
187.1	to	208.0	6	0.01103%	54,347	99.94483%	1,157.0	0.15003%	720,455.0	93.42314%
208.1	to	250.0	9	0.01655%	54,356	99.96138%	2,048.0	0.26557%	722,503.0	93.68871%
250.1	to	260.0	1	0.00184%	54,357	99.96322%	260.0	0.03371%	722,763.0	93.72243%
260.1	to	400.0	7	0.01287%	54,364	99.97609%	2,229.0	0.28904%	724,992.0	94.01147%
400.1	to	500.0	2	0.00368%	54,366	99.97977%	823.0	0.10672%	725,815.0	94.11819%
500.1	to	700.0	2	0.00368%	54,368	99.98345%	1,066.0	0.13823%	726,881.0	94.25642%
700.1	to	750.0	0	0.00000%	54,368	99.98345%	0.0	0.00000%	726,881.0	94.25642%
750.1	to	1,000.0	0	0.00000%	54,368	99.98345%	0.0	0.00000%	726,881.0	94.25642%
1,000.1	to	1,040.0	0	0.00000%	54,368	99.98345%	0.0	0.00000%	726,881.0	94.25642%
1,040.1	to	2,000.0	1	0.00184%	54,369	99.98529%	1,041.0	0.13499%	727,922.0	94.39141%
2,000.1	to	2,080.0	0	0.00000%	54,369	99.98529%	0.0	0.00000%	727,922.0	94.39141%
2,080.1	to	2,500.0	0	0.00000%	54,369	99.98529%	0.0	0.00000%	727,922.0	94.39141%
2,500.1	to	3,000.0	3	0.00552%	54,372	99.99080%	8,054.0	1.04438%	735,976.0	95.43579%
3,000.1	to	5,000.0	1	0.00184%	54,373	99.99264%	3,312.0	0.42948%	739,288.0	95.86527%
5,000.1	to	10,000.0	4	0.00736%	54,377	100.00000%	31,886.0	4.13473%	771,174.0	100.00000%
10,000.1	to	99,999.0	0	0.00000%	54,377	100.00000%	0.0	0.00000%	771,174.0	100.00000%

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit\_\_(DJN-3)  
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Jul-00

INTERVAL		Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Cumulative Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales
BEGIN	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales
0.1	to	1.0	1,201	2.19581%	1,201	2.19581%	1,201.0	0.15108%	1,201.0
1.1	to	2.0	1,470	2.68763%	2,671	4.88344%	2,940.0	0.36984%	4,141.0
2.1	to	3.0	2,170	3.96746%	4,841	8.85090%	6,510.0	0.81893%	10,651.0
3.1	to	4.0	2,620	4.79020%	7,461	13.64110%	10,480.0	1.31834%	21,131.0
4.1	to	5.0	2,919	5.33687%	10,380	18.97797%	14,595.0	1.83598%	35,726.0
5.1	to	6.0	2,909	5.31858%	13,289	24.29655%	17,454.0	2.19563%	53,180.0
6.1	to	7.0	3,267	5.97312%	16,556	30.26968%	22,869.0	2.87681%	76,049.0
7.1	to	10.0	9,476	17.32517%	26,032	47.59484%	85,461.0	10.75060%	161,510.0
10.1	to	15.0	11,242	20.55398%	37,274	68.14883%	146,071.0	18.37505%	307,581.0
15.1	to	20.0	8,873	16.22269%	46,147	84.37151%	156,370.0	19.67062%	463,951.0
20.1	to	21.0	1,113	2.03492%	47,260	86.40644%	23,373.0	2.94021%	487,324.0
21.1	to	25.0	3,169	5.79395%	50,429	92.20038%	73,826.0	9.28697%	561,150.0
25.1	to	26.0	569	1.04031%	50,998	93.24070%	14,794.0	1.86102%	575,944.0
26.1	to	30.0	1,201	2.19581%	52,199	95.43651%	34,731.0	4.36900%	610,675.0
30.1	to	35.0	1,104	2.01847%	53,303	97.45498%	36,013.0	4.53027%	646,688.0
35.1	to	37.0	261	0.47719%	53,564	97.93217%	9,533.0	1.19921%	656,221.0
37.1	to	40.0	302	0.55215%	53,866	98.48432%	11,744.0	1.47734%	667,965.0
40.1	to	50.0	401	0.73316%	54,267	99.21748%	17,980.0	2.26180%	685,945.0
50.1	to	62.0	161	0.29436%	54,428	99.51184%	8,908.0	1.12058%	694,853.0
62.1	to	75.0	97	0.17735%	54,525	99.68919%	6,645.0	0.83591%	701,498.0
75.1	to	90.0	43	0.07862%	54,568	99.76780%	3,510.0	0.44154%	705,008.0
90.1	to	100.0	22	0.04022%	54,590	99.80803%	2,090.0	0.26291%	707,098.0
100.1	to	104.0	7	0.01280%	54,597	99.82082%	713.0	0.08969%	707,811.0
104.1	to	150.0	47	0.08593%	54,644	99.90676%	5,706.0	0.71779%	713,517.0
150.1	to	187.0	9	0.01645%	54,653	99.92321%	1,499.0	0.18857%	715,016.0
187.1	to	208.0	5	0.00914%	54,658	99.93235%	1,004.0	0.12630%	716,020.0
208.1	to	250.0	10	0.01828%	54,668	99.95064%	2,297.0	0.28895%	718,317.0
250.1	to	260.0	0	0.00000%	54,668	99.95064%	0.0	0.00000%	718,317.0
260.1	to	400.0	9	0.01645%	54,677	99.96709%	2,803.0	0.35260%	721,120.0
400.1	to	500.0	4	0.00731%	54,681	99.97440%	1,789.0	0.22505%	722,909.0
500.1	to	700.0	1	0.00183%	54,682	99.97623%	593.0	0.07460%	723,502.0
700.1	to	750.0	0	0.00000%	54,682	99.97623%	0.0	0.00000%	723,502.0
750.1	to	1,000.0	1	0.00183%	54,683	99.97806%	933.0	0.11737%	724,435.0
1,000.1	to	1,040.0	0	0.00000%	54,683	99.97806%	0.0	0.00000%	724,435.0
1,040.1	to	2,000.0	2	0.00366%	54,685	99.98172%	2,480.0	0.31197%	726,915.0
2,000.1	to	2,080.0	0	0.00000%	54,685	99.98172%	0.0	0.00000%	726,915.0
2,080.1	to	2,500.0	0	0.00000%	54,685	99.98172%	0.0	0.00000%	726,915.0
2,500.1	to	3,000.0	0	0.00000%	54,685	99.98172%	0.0	0.00000%	726,915.0
3,000.1	to	5,000.0	1	0.00183%	54,686	99.98355%	3,431.0	0.43160%	730,346.0
5,000.1	to	10,000.0	9	0.01645%	54,695	100.00000%	64,596.0	8.12588%	794,942.0
10,000.1	to	99,999.0	0	0.00000%	54,695	100.00000%	0.0	0.00000%	794,942.0



**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Aug-00

INTERVAL		Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Cumulative Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales
BEGIN	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales
0.1	to	1.0	1,202	1,202	2.19555%	1,202.0	0.15121%	1,202.0	0.15121%
1.1	to	2.0	1,475	2,677	2.69421%	2,950.0	0.37112%	4,152.0	0.52233%
2.1	to	3.0	2,176	4,853	3.97465%	6,528.0	0.82123%	10,680.0	1.34356%
3.1	to	4.0	2,623	7,476	4.79113%	10,492.0	1.31991%	21,172.0	2.66348%
4.1	to	5.0	2,926	10,402	5.34459%	14,630.0	1.84048%	35,802.0	4.50396%
5.1	to	6.0	2,910	13,312	5.31536%	17,460.0	2.19650%	53,262.0	6.70046%
6.1	to	7.0	3,272	16,584	5.97658%	22,904.0	2.88137%	76,166.0	9.58182%
7.1	to	10.0	9,486	26,070	17.32698%	85,547.0	10.76197%	161,713.0	20.34379%
10.1	to	15.0	11,249	37,319	20.54724%	146,163.0	18.38757%	307,876.0	38.73136%
15.1	to	20.0	8,878	46,197	16.21641%	156,454.0	19.68220%	464,330.0	58.41356%
20.1	to	21.0	1,112	47,309	2.03116%	23,352.0	2.93772%	487,682.0	61.35129%
21.1	to	25.0	3,170	50,479	5.79027%	73,848.0	9.29021%	561,530.0	70.64150%
25.1	to	26.0	568	51,047	1.03750%	14,768.0	1.85784%	576,298.0	72.49934%
26.1	to	30.0	1,203	52,250	2.19738%	34,789.0	4.37652%	611,087.0	76.87586%
30.1	to	35.0	1,104	53,354	2.01655%	36,013.0	4.53050%	647,100.0	81.40636%
35.1	to	37.0	261	53,615	0.47674%	9,533.0	1.19927%	656,633.0	82.60563%
37.1	to	40.0	302	53,917	0.55163%	11,744.0	1.47742%	668,377.0	84.08305%
40.1	to	50.0	402	54,319	0.73429%	18,026.0	2.26770%	686,403.0	86.35075%
50.1	to	62.0	161	54,480	0.29408%	8,908.0	1.12064%	695,311.0	87.47140%
62.1	to	75.0	97	54,577	0.17718%	6,645.0	0.83595%	701,956.0	88.30735%
75.1	to	90.0	43	54,620	0.07854%	3,510.0	0.44156%	705,466.0	88.74891%
90.1	to	100.0	23	54,643	0.04201%	2,184.0	0.27475%	707,650.0	89.02366%
100.1	to	104.0	7	54,650	0.01279%	713.0	0.08970%	708,363.0	89.11336%
104.1	to	150.0	47	54,697	0.08585%	5,706.0	0.71783%	714,069.0	89.83119%
150.1	to	187.0	9	54,706	0.01644%	1,499.0	0.18858%	715,568.0	90.01976%
187.1	to	208.0	5	54,711	0.00913%	1,004.0	0.12631%	716,572.0	90.14607%
208.1	to	250.0	10	54,721	0.01827%	2,297.0	0.28897%	718,869.0	90.43504%
250.1	to	260.0	0	54,721	0.00000%	0.0	0.00000%	718,869.0	90.43504%
260.1	to	400.0	9	54,730	0.01644%	2,803.0	0.35262%	721,672.0	90.78766%
400.1	to	500.0	4	54,734	0.00731%	1,789.0	0.22506%	723,461.0	91.01272%
500.1	to	700.0	0	54,734	0.00000%	0.0	0.00000%	723,461.0	91.01272%
700.1	to	750.0	0	54,734	0.00000%	0.0	0.00000%	723,461.0	91.01272%
750.1	to	1,000.0	1	54,735	0.00183%	933.0	0.11737%	724,394.0	91.13009%
1,000.1	to	1,040.0	0	54,735	0.00000%	0.0	0.00000%	724,394.0	91.13009%
1,040.1	to	2,000.0	2	54,737	0.00365%	2,480.0	0.31199%	726,874.0	91.44208%
2,000.1	to	2,080.0	0	54,737	0.00000%	0.0	0.00000%	726,874.0	91.44208%
2,080.1	to	2,500.0	0	54,737	0.00000%	0.0	0.00000%	726,874.0	91.44208%
2,500.1	to	3,000.0	0	54,737	0.00000%	0.0	0.00000%	726,874.0	91.44208%
3,000.1	to	5,000.0	1	54,738	0.00183%	3,431.0	0.43163%	730,305.0	91.87371%
5,000.1	to	10,000.0	9	54,747	0.01644%	64,596.0	8.12629%	794,901.0	100.00000%
10,000.1	to	99,999.0	0	54,747	0.00000%	0.0	0.00000%	794,901.0	100.00000%

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit\_\_(DJN-3)  
 City Gas Witness Nikolich  
 Flat Rate Billing Docket  
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Sep-00

INTERVAL		Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Cumulative Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales
BEGIN	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales
0.1	to	1.0	945	1.74380%	945	1.74380%	945.0	0.12477%	945.0
1.1	to	2.0	1,249	2.30477%	2,194	4.04857%	2,498.0	0.32982%	3,443.0
2.1	to	3.0	1,859	3.43040%	4,053	7.47896%	5,577.0	0.73636%	9,020.0
3.1	to	4.0	2,190	4.04119%	6,243	11.52015%	8,760.0	1.15663%	17,780.0
4.1	to	5.0	2,501	4.61507%	8,744	16.13522%	12,505.0	1.65110%	30,285.0
5.1	to	6.0	2,742	5.05979%	11,486	21.19501%	16,452.0	2.17224%	46,737.0
6.1	to	7.0	3,046	5.62076%	14,532	26.81577%	21,322.0	2.81525%	68,059.0
7.1	to	10.0	9,741	17.97498%	24,273	44.79074%	87,689.0	11.57803%	155,748.0
10.1	to	15.0	11,757	21.69508%	36,030	66.48583%	152,777.0	20.17194%	308,525.0
15.1	to	20.0	9,607	17.72771%	45,637	84.21354%	169,981.0	22.44347%	478,506.0
20.1	to	21.0	1,188	2.19221%	46,825	86.40574%	24,948.0	3.29401%	503,454.0
21.1	to	25.0	3,252	6.00089%	50,077	92.40663%	75,843.0	10.01394%	579,297.0
25.1	to	26.0	594	1.09610%	50,671	93.50273%	15,444.0	2.03915%	594,741.0
26.1	to	30.0	1,180	2.17744%	51,851	95.68017%	33,997.0	4.48880%	628,738.0
30.1	to	35.0	1,108	2.04458%	52,959	97.72476%	36,189.0	4.77822%	664,927.0
35.1	to	37.0	260	0.47978%	53,219	98.20453%	9,490.0	1.25301%	674,417.0
37.1	to	40.0	253	0.46686%	53,472	98.67139%	9,841.0	1.29936%	684,258.0
40.1	to	50.0	366	0.67538%	53,838	99.34677%	16,490.0	2.17726%	700,748.0
50.1	to	62.0	146	0.26941%	53,984	99.61618%	8,078.0	1.06658%	708,826.0
62.1	to	75.0	62	0.11441%	54,046	99.73059%	4,211.0	0.55600%	713,037.0
75.1	to	90.0	41	0.07566%	54,087	99.80624%	3,366.0	0.44443%	716,403.0
90.1	to	100.0	17	0.03137%	54,104	99.83761%	1,600.0	0.21126%	718,003.0
100.1	to	104.0	7	0.01292%	54,111	99.85053%	719.0	0.09493%	718,722.0
104.1	to	150.0	43	0.07935%	54,154	99.92988%	5,123.0	0.67642%	723,845.0
150.1	to	187.0	13	0.02399%	54,167	99.95387%	2,166.0	0.28599%	726,011.0
187.1	to	208.0	2	0.00369%	54,169	99.95756%	404.0	0.05334%	726,415.0
208.1	to	250.0	9	0.01661%	54,178	99.97417%	2,054.0	0.27120%	728,469.0
250.1	to	260.0	0	0.00000%	54,178	99.97417%	0.0	0.00000%	728,469.0
260.1	to	400.0	6	0.01107%	54,184	99.98524%	1,874.0	0.24743%	730,343.0
400.1	to	500.0	1	0.00185%	54,185	99.98708%	462.0	0.06100%	730,805.0
500.1	to	700.0	1	0.00185%	54,186	99.98893%	590.0	0.07790%	731,395.0
700.1	to	750.0	0	0.00000%	54,186	99.98893%	0.0	0.00000%	731,395.0
750.1	to	1,000.0	0	0.00000%	54,186	99.98893%	0.0	0.00000%	731,395.0
1,000.1	to	1,040.0	0	0.00000%	54,186	99.98893%	0.0	0.00000%	731,395.0
1,040.1	to	2,000.0	2	0.00369%	54,188	99.99262%	2,472.0	0.32639%	733,867.0
2,000.1	to	2,080.0	0	0.00000%	54,188	99.99262%	0.0	0.00000%	733,867.0
2,080.1	to	2,500.0	1	0.00185%	54,189	99.99446%	2,261.0	0.29853%	736,128.0
2,500.1	to	3,000.0	1	0.00185%	54,190	99.99631%	2,938.0	0.38792%	739,066.0
3,000.1	to	5,000.0	0	0.00000%	54,190	99.99631%	0.0	0.00000%	739,066.0
5,000.1	to	10,000.0	2	0.00369%	54,192	100.00000%	18,308.0	2.41730%	757,374.0
10,000.1	to	99,999.0	0	0.00000%	54,192	100.00000%	0.0	0.00000%	757,374.0

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit\_\_\_\_(DJN-3)  
 City Gas Witness Nikolich  
 Flat Rate Billing Docket  
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Oct-00

INTERVAL		Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Cumulative Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales	
BEGIN	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales	
0.1	to	1.0	875	1.66309%	875	1.66309%	875.0	0.10171%	875.0	0.10171%
1.1	to	2.0	1,178	2.23899%	2,053	3.90208%	2,356.0	0.27386%	3,231.0	0.37557%
2.1	to	3.0	1,445	2.74647%	3,498	6.64855%	4,335.0	0.50390%	7,566.0	0.87947%
3.1	to	4.0	1,623	3.08479%	5,121	9.73334%	6,492.0	0.75463%	14,058.0	1.63409%
4.1	to	5.0	1,755	3.33568%	6,876	13.06901%	8,775.0	1.02000%	22,833.0	2.65409%
5.1	to	6.0	2,067	3.92869%	8,943	16.99770%	12,402.0	1.44160%	35,235.0	4.09569%
6.1	to	7.0	2,185	4.15297%	11,128	21.15067%	15,295.0	1.77788%	50,530.0	5.87357%
7.1	to	10.0	7,397	14.05926%	18,525	35.20993%	66,877.0	7.77374%	117,407.0	13.64731%
10.1	to	15.0	9,907	18.82995%	28,432	54.03988%	127,837.0	14.85969%	245,244.0	28.50700%
15.1	to	20.0	11,038	20.97961%	39,470	75.01948%	198,653.0	23.09129%	443,897.0	51.59829%
20.1	to	21.0	1,751	3.32807%	41,221	78.34756%	36,771.0	4.27424%	480,668.0	55.87253%
21.1	to	25.0	4,627	8.79440%	45,848	87.14196%	107,946.0	12.54757%	588,614.0	68.42010%
25.1	to	26.0	849	1.61367%	46,697	88.75563%	22,074.0	2.56587%	610,688.0	70.98597%
26.1	to	30.0	1,855	3.52574%	48,552	92.28138%	53,134.0	6.17626%	663,822.0	77.16223%
30.1	to	35.0	1,806	3.43261%	50,358	95.71399%	59,062.0	6.86533%	722,884.0	84.02755%
35.1	to	37.0	458	0.87051%	50,816	96.58449%	16,691.0	1.94015%	739,575.0	85.96770%
37.1	to	40.0	510	0.96934%	51,326	97.55384%	19,825.0	2.30444%	759,400.0	88.27215%
40.1	to	50.0	705	1.33997%	52,031	98.89381%	31,698.0	3.68455%	791,098.0	91.95670%
50.1	to	62.0	272	0.51698%	52,303	99.41079%	15,033.0	1.74743%	806,131.0	93.70413%
62.1	to	75.0	119	0.22618%	52,422	99.63697%	8,042.0	0.93480%	814,173.0	94.63893%
75.1	to	90.0	48	0.09123%	52,470	99.72820%	3,924.0	0.45612%	818,097.0	95.09505%
90.1	to	100.0	36	0.06842%	52,506	99.79663%	3,401.0	0.39533%	821,498.0	95.49038%
100.1	to	104.0	7	0.01330%	52,513	99.80993%	721.0	0.08381%	822,219.0	95.57419%
104.1	to	150.0	45	0.08553%	52,558	99.89546%	5,445.0	0.63292%	827,664.0	96.20711%
150.1	to	187.0	13	0.02471%	52,571	99.92017%	2,209.0	0.25677%	829,873.0	96.46388%
187.1	to	208.0	7	0.01330%	52,578	99.93348%	1,391.0	0.16169%	831,264.0	96.62557%
208.1	to	250.0	6	0.01140%	52,584	99.94488%	1,390.0	0.16157%	832,654.0	96.78714%
250.1	to	260.0	2	0.00380%	52,586	99.94868%	508.0	0.05905%	833,162.0	96.84619%
260.1	to	400.0	16	0.03041%	52,602	99.97909%	5,245.0	0.60968%	838,407.0	97.45587%
400.1	to	500.0	4	0.00760%	52,606	99.98670%	1,802.0	0.20946%	840,209.0	97.66533%
500.1	to	700.0	0	0.00000%	52,606	99.98670%	0.0	0.00000%	840,209.0	97.66533%
700.1	to	750.0	0	0.00000%	52,606	99.98670%	0.0	0.00000%	840,209.0	97.66533%
750.1	to	1,000.0	1	0.00190%	52,607	99.98860%	961.0	0.11171%	841,170.0	97.77704%
1,000.1	to	1,040.0	0	0.00000%	52,607	99.98860%	0.0	0.00000%	841,170.0	97.77704%
1,040.1	to	2,000.0	3	0.00570%	52,610	99.99430%	3,614.0	0.42009%	844,784.0	98.19713%
2,000.1	to	2,080.0	0	0.00000%	52,610	99.99430%	0.0	0.00000%	844,784.0	98.19713%
2,080.1	to	2,500.0	1	0.00190%	52,611	99.99620%	2,158.0	0.25084%	846,942.0	98.44797%
2,500.1	to	3,000.0	0	0.00000%	52,611	99.99620%	0.0	0.00000%	846,942.0	98.44797%
3,000.1	to	5,000.0	1	0.00190%	52,612	99.99810%	3,695.0	0.42950%	850,637.0	98.87748%
5,000.1	to	10,000.0	1	0.00190%	52,613	100.00000%	9,657.0	1.12252%	860,294.0	100.00000%
10,000.1	to	99,999.0	0	0.00000%	52,613	100.00000%	0.0	0.00000%	860,294.0	100.00000%

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Exhibit \_\_\_\_(DJN-3)  
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Nov-00

INTERVAL		Number of Bills IN	Percentage of Class Population	Number of Bills CUM. IN	Cumulative Percentage of Class Population	THERM SALES IN	Percentage of Total Class Therm Sales	THERM SALES CUM. IN	Cumulative Percentage of Total Class Therm Sales
BEGIN	END	INTERVAL	Population	INTERVAL	Population	INTERVAL	Therm Sales	INTERVAL	Therm Sales
0.1	to	1.0	947	1.78433%	947	1.78433%	947.0	0.09419%	947.0
1.1	to	2.0	1,088	2.05001%	2,035	3.83434%	2,176.0	0.21643%	3,123.0
2.1	to	3.0	1,415	2.66614%	3,450	6.50048%	4,245.0	0.42222%	7,368.0
3.1	to	4.0	1,558	2.93558%	5,008	9.43606%	6,232.0	0.61985%	13,600.0
4.1	to	5.0	1,670	3.14661%	6,678	12.58267%	8,350.0	0.83051%	21,950.0
5.1	to	6.0	1,757	3.31053%	8,435	15.89320%	10,542.0	1.04854%	32,492.0
6.1	to	7.0	1,885	3.55171%	10,320	19.44492%	13,195.0	1.31241%	45,687.0
7.1	to	10.0	6,394	12.04756%	16,714	31.49247%	57,784.0	5.74736%	103,471.0
10.1	to	15.0	9,206	17.34592%	25,920	48.83839%	119,369.0	11.87278%	222,840.0
15.1	to	20.0	9,529	17.95452%	35,449	66.79291%	170,651.0	16.97343%	393,491.0
20.1	to	21.0	2,264	4.26582%	37,713	71.05873%	47,544.0	4.72886%	441,035.0
21.1	to	25.0	6,447	12.14742%	44,160	83.20615%	149,757.0	14.89525%	590,792.0
25.1	to	26.0	935	1.76172%	45,095	84.96787%	24,310.0	2.41794%	615,102.0
26.1	to	30.0	2,356	4.43917%	47,451	89.40704%	67,399.0	6.70369%	682,501.0
30.1	to	35.0	2,330	4.39018%	49,781	93.79722%	76,224.0	7.58145%	758,725.0
35.1	to	37.0	644	1.21342%	50,425	95.01065%	23,493.0	2.33668%	782,218.0
37.1	to	40.0	698	1.31517%	51,123	96.32582%	27,189.0	2.70429%	809,407.0
40.1	to	50.0	1,040	1.95957%	52,163	98.28538%	46,885.0	4.66331%	856,292.0
50.1	to	62.0	465	0.87615%	52,628	99.16153%	25,692.0	2.55540%	881,984.0
62.1	to	75.0	175	0.32973%	52,803	99.49127%	11,814.0	1.17505%	893,798.0
75.1	to	90.0	84	0.15827%	52,887	99.64954%	6,943.0	0.69057%	900,741.0
90.1	to	100.0	26	0.04899%	52,913	99.69853%	2,478.0	0.24647%	903,219.0
100.1	to	104.0	9	0.01696%	52,922	99.71549%	926.0	0.09210%	904,145.0
104.1	to	150.0	71	0.13378%	52,993	99.84926%	8,651.0	0.86045%	912,796.0
150.1	to	187.0	13	0.02449%	53,006	99.87376%	2,235.0	0.22230%	915,031.0
187.1	to	208.0	9	0.01696%	53,015	99.89072%	1,760.0	0.17505%	916,791.0
208.1	to	250.0	23	0.04334%	53,038	99.93405%	5,202.0	0.51741%	921,993.0
250.1	to	260.0	3	0.00565%	53,041	99.93971%	766.0	0.07619%	922,759.0
260.1	to	400.0	12	0.02261%	53,053	99.96232%	3,658.0	0.36383%	926,417.0
400.1	to	500.0	2	0.00377%	53,055	99.96608%	875.0	0.08703%	927,292.0
500.1	to	700.0	1	0.00188%	53,056	99.96797%	617.0	0.06137%	927,909.0
700.1	to	750.0	0	0.00000%	53,056	99.96797%	0.0	0.00000%	927,909.0
750.1	to	1,000.0	2	0.00377%	53,058	99.97174%	1,993.0	0.19823%	929,902.0
1,000.1	to	1,040.0	0	0.00000%	53,058	99.97174%	0.0	0.00000%	929,902.0
1,040.1	to	2,000.0	5	0.00942%	53,063	99.98116%	7,079.0	0.70410%	936,981.0
2,000.1	to	2,080.0	0	0.00000%	53,063	99.98116%	0.0	0.00000%	936,981.0
2,080.1	to	2,500.0	0	0.00000%	53,063	99.98116%	0.0	0.00000%	936,981.0
2,500.1	to	3,000.0	0	0.00000%	53,063	99.98116%	0.0	0.00000%	936,981.0
3,000.1	to	5,000.0	2	0.00377%	53,065	99.98493%	6,622.0	0.65864%	943,603.0
5,000.1	to	10,000.0	8	0.01507%	53,073	100.00000%	61,798.0	6.14660%	1,005,401.0
10,000.1	to	99,999.0	0	0.00000%	53,073	100.00000%	0.0	0.00000%	1,005,401.0

**NUI UTILITIES, Inc. d/b/a City Gas Company of Florida**  
**BILL FREQUENCY Distribution**  
**MIAMI RESIDENTIAL**

Dec-00

BEGIN	INTERVAL	END	Number of Bills IN INTERVAL	Percentage of Class Population	Number of Bills CUM. IN INTERVAL	Cumulative Percentage of Class Population	THERM SALES IN INTERVAL	Percentage of Total Class Therm Sales	THERM SALES CUM. IN INTERVAL	Cumulative Percentage of Total Class Therm Sales
0.1	to	1 0	744	1.42061%	744	1.42061%	744.0	0.06761%	744.0	0.06761%
1.1	to	2.0	934	1.78340%	1,678	3.20400%	1,868 0	0.16975%	2,612.0	0.23736%
2.1	to	3.0	1,133	2.16337%	2,811	5.36737%	3,399.0	0.30887%	6,011 0	0.54623%
3.1	to	4.0	1,153	2.20156%	3,964	7.56893%	4,612.0	0.41910%	10,623.0	0.96533%
4.1	to	5.0	1,259	2.40396%	5,223	9.97289%	6,295.0	0.57204%	16,918 0	1.53737%
5.1	to	6.0	1,345	2.56817%	6,568	12.54105%	8,070.0	0.73334%	24,988.0	2.27071%
6.1	to	7.0	1,489	2.84312%	8,057	15.38417%	10,423 0	0.94716%	35,411.0	3.21787%
7.1	to	10 0	5,252	10.02826%	13,309	25.41243%	47,486.0	4.31514%	82,897.0	7.53301%
10.1	to	15 0	8,187	15.63240%	21,496	41.04483%	105,966 0	9.62933%	188,863.0	17.16234%
15.1	to	20 0	9,389	17.92752%	30,885	58.97235%	168,524.0	15.31410%	357,387 0	32.47644%
20.1	to	21 0	2,100	4.00978%	32,985	62.98213%	44,100.0	4.00745%	401,487.0	36.48389%
21.1	to	25 0	6,276	11.98350%	39,261	74.96563%	146,036.0	13.27057%	547,523.0	49.75446%
25.1	to	26.0	1,089	2.07936%	40,350	77.04499%	28,314.0	2.57295%	575,837.0	52.32741%
26.1	to	30.0	2,820	5.38456%	43,170	82.42954%	80,757 0	7.33854%	656,594.0	59.66595%
30.1	to	35.0	3,156	6.02612%	46,326	88.45566%	103,533.0	9.40824%	760,127.0	69.07420%
35.1	to	37.0	850	1.62300%	47,176	90.07867%	31,014.0	2.81830%	791,141.0	71.89250%
37.1	to	40.0	998	1.90560%	48,174	91.98427%	38,892.0	3.53419%	830,033 0	75.42669%
40.1	to	50.0	1,925	3.67563%	50,099	95.65989%	86,873.0	7.89432%	916,906 0	83.32101%
50.1	to	62.0	1,120	2.13855%	51,219	97.79844%	62,182.0	5.65060%	979,088 0	88.97160%
62.1	to	75 0	550	1.05018%	51,769	98.84862%	37,391.0	3.39779%	1,016,479.0	92.36939%
75.1	to	90.0	274	0.52318%	52,043	99.37180%	22,477 0	2.04253%	1,038,956 0	94.41192%
90.1	to	100 0	93	0.17758%	52,136	99.54938%	8,824 0	0.80185%	1,047,780.0	95.21378%
100.1	to	104.0	36	0.06874%	52,172	99.61812%	3,703 0	0.33650%	1,051,483.0	95.55027%
104.1	to	150.0	125	0.23868%	52,297	99.85679%	14,941.0	1.35772%	1,066,424.0	96.90799%
150.1	to	187 0	21	0.04010%	52,318	99.89689%	3,435.0	0.31215%	1,069,859.0	97.22014%
187.1	to	208.0	7	0.01337%	52,325	99.91026%	1,392 0	0.12649%	1,071,251.0	97.34663%
208.1	to	250 0	17	0.03246%	52,342	99.94272%	3,788.0	0.34422%	1,075,039.0	97.69085%
250.1	to	260.0	6	0.01146%	52,348	99.95417%	1,541.0	0.14003%	1,076,580.0	97.83089%
260.1	to	400 0	12	0.02291%	52,360	99.97709%	3,883.0	0.35286%	1,080,463.0	98.18374%
400.1	to	500.0	6	0.01146%	52,366	99.98854%	2,762.0	0.25099%	1,083,225.0	98.43473%
500.1	to	700 0	2	0.00382%	52,368	99.99236%	1,206.0	0.10959%	1,084,431 0	98.54432%
700.1	to	750 0	0	0.00000%	52,368	99.99236%	0.0	0.00000%	1,084,431.0	98.54432%
750.1	to	1,000.0	0	0.00000%	52,368	99.99236%	0.0	0.00000%	1,084,431 0	98.54432%
1,000.1	to	1,040.0	0	0.00000%	52,368	99.99236%	0.0	0.00000%	1,084,431.0	98.54432%
1,040.1	to	2,000.0	2	0.00382%	52,370	99.99618%	2,307.0	0.20964%	1,086,738.0	98.75396%
2,000.1	to	2,080.0	0	0.00000%	52,370	99.99618%	0.0	0.00000%	1,086,738.0	98.75396%
2,080.1	to	2,500.0	0	0.00000%	52,370	99.99618%	0.0	0.00000%	1,086,738.0	98.75396%
2,500.1	to	3,000.0	0	0.00000%	52,370	99.99618%	0.0	0.00000%	1,086,738.0	98.75396%
3,000.1	to	5,000.0	1	0.00191%	52,371	99.99809%	4,052 0	0.36821%	1,090,790.0	99.12218%
5,000.1	to	10,000.0	1	0.00191%	52,372	100.00000%	9,660.0	0.87782%	1,100,450.0	100.00000%
10,000.1	to	99,999.0	0	0.00000%	52,372	100.00000%	0.0	0.00000%	1,100,450.0	100.00000%

## **NUI Utilities d/b/a City Gas Company of Florida**

### **Anticipated Average Annual Consumption by Appliance**

<b><u>Appliance</u></b>	<b><u>Annual Therms</u></b>	<b><u>Cummulative Therms</u></b>
Water Heaters:	199	199
Ranges:	56	255
Dryers:	44	299
Gas Logs	30	329
Gas Grills	20	349
Pool/Spa Heater:		
BTU		
125,000 - 175,000	260	609
176,000 - 400,000	460	809

## NUI Utilities d/b/a City Gas Company of Florida

### Cost of Service to Miami Residential Customers under Flat Rate Billing

Based upon the Fall 2000 Rate Case Cost of Service Study

	FRB Eligible Miami Residential	Larger Miami Residential (>7 Therms/ Month)	Small Miami Residential (<7 Therms/ Month)
<b>REVENUES:</b>			
Gas Sales	\$ 10,071,734	\$ 7,805,092	\$ 2,266,643
Other Operating Revenue	\$ 444,167	\$ 388,617	\$ 55,550
<b>Total Gas Sales</b>	<b>\$ 10,515,901</b>	<b>\$ 8,193,709</b>	<b>\$ 2,322,193</b>
<b>EXPENSES:</b>			
Purchased Gas Cost	\$ -	\$ -	\$ -
O&M Expenses			
Customer	\$ 5,286,604	\$ 4,096,854	\$ 1,189,750
Capacity	\$ 685,242	\$ 653,705	\$ 31,537
Commodity	\$ 74,083	\$ 69,026	\$ 5,058
Bad Debt	\$ 13,966	\$ 11,282	\$ 2,684
<b>sub-Total O&amp;M Expenses</b>	<b>\$ 6,059,895</b>	<b>\$ 4,830,867</b>	<b>\$ 1,229,028</b>
Depreciation Expenses			
Customer	\$ 1,052,160	\$ 815,372	\$ 236,788
Capacity	\$ 565,062	\$ 539,057	\$ 26,006
<b>sub-Total Depreciation Expenses</b>	<b>\$ 1,617,222</b>	<b>\$ 1,354,428</b>	<b>\$ 262,794</b>
Amortization Expenses			
Customer	\$ 7,337	\$ 5,686	\$ 1,651
Capacity	\$ 3,169	\$ 3,024	\$ 146
Commodity	\$ 6,724	\$ 6,265	\$ 459
<b>sub-Total Amortization Expenses</b>	<b>\$ 17,231</b>	<b>\$ 14,975</b>	<b>\$ 2,256</b>
Taxes Other Than Income--Fixed			
Customer	\$ 338,782	\$ 262,539	\$ 76,243
Capacity	\$ 181,943	\$ 173,569	\$ 8,373
<b>sub-Total Taxes Other Than Income--Fixed</b>	<b>\$ 520,725</b>	<b>\$ 436,109</b>	<b>\$ 84,616</b>
Taxes Other Than Income--Revenue	\$ 53,165	\$ 42,948	\$ 10,217
<b>Total Expenses excluding Income Taxes</b>	<b>\$ 8,268,237</b>	<b>\$ 6,679,326</b>	<b>\$ 1,588,911</b>
<b>INCOME TAXES</b>			
Customer	\$ 162,901	\$ 126,240	\$ 36,661
Capacity	\$ 82,746	\$ 78,937	\$ 3,808
Commodity	\$ 128	\$ 119	\$ 9
Revenue	\$ 502,982	\$ 406,323	\$ 96,658
<b>sub-Total INCOME TAXES:</b>	<b>\$ 748,756</b>	<b>\$ 611,620</b>	<b>\$ 137,136</b>
<b>Total Annual Cost of Service</b>	<b>\$ 9,016,994</b>	<b>\$ 7,290,947</b>	<b>\$ 1,726,047</b>
<b>NET OPERATING INCOME:</b>	<b>\$ 1,498,907</b>	<b>\$ 902,762</b>	<b>\$ 596,146</b>
<b>RATE BASE:</b>			
Customer	\$ 18,419,725	\$ 14,274,368	\$ 4,145,357
Capacity	\$ 9,003,254	\$ 8,588,901	\$ 414,353
Commodity	\$ 14,469	\$ 13,481	\$ 988
<b>sub-Total RATE BASE:</b>	<b>\$ 27,437,448</b>	<b>\$ 22,876,751</b>	<b>\$ 4,560,697</b>
<b>Percentage Fixed Cost to Serve</b>	<b>99.95%</b>	<b>99.94%</b>	<b>99.98%</b>
<b>RATE OF RETURN</b>	<b>5.46%</b>	<b>3.95%</b>	<b>13.07%</b>
<b>Allocation Factors</b>			
ANNUAL SALES (therms)			
NO. OF CUSTOMERS SALES	57,645	44,672	12,973
Peak & Avg Mon Sales Vol (therms)	1,973,185	1,882,374	90,811
ANNUAL SALES (therms)	9,889,838	9,214,651	675,187
Revenue	30,836	24,910	5,926

# NUI Utilities d/b/a City Gas Company of Florida

## Comparison of Revenues

Current Rates to Expected FRB Rates

Calendar Year	Number of		Service Charge	Energy Charge	Revenue under FRB Margin		Margin
	Bills	Therms			Current Rates	Rate	Revenue under FRB Rates
2000	681,476	10,480,884	\$ 7.50	\$ 0.49367	\$ 10,285,168	\$ 14.56	\$ 9,922,291
2001	678,806	9,373,068	\$ 7.50	\$ 0.49367	\$ 9,718,247	\$ 14.75	\$ 10,012,389
<b>Total Revenue</b>					<b>\$ 20,003,415</b>		<b>\$ 19,934,679</b>

### Calculation of Annual Number of Bills and Therms

Month	Number of		Month	Number of	
	Bills	Therms		Bills	Therms
Jan 2000	54,828	894,410	Jan 2001	53,649	1,077,113
Feb 2000	56,228	1,068,072	Feb 2001	57,560	720,401
Mar 2000	56,995	991,549	Mar 2001	57,474	786,981
Apr 2000	57,147	892,406	Apr 2001	57,297	765,020
May 2000	57,006	878,470	May 2001	57,187	722,347
Jun 2000	56,978	780,215	Jun 2001	56,569	899,916
Jul 2000	56,898	723,821	Jul 2001	57,096	435,605
Aug 2000	56,753	718,584	Aug 2001	56,270	892,217
Sep 2000	57,770	638,303	Sep 2001	56,646	720,869
Oct 2000	57,378	907,072	Oct 2001	56,491	741,988
Nov 2000	56,007	1,212,133	Nov 2001	56,467	800,502
Dec 2000	57,488	775,849	Dec 2001	56,100	810,108
<b>Total 2000</b>	<b>681,476</b>	<b>10,480,884</b>	<b>Total 2001</b>	<b>678,806</b>	<b>9,373,068</b>



### NUI - Utilities d/b/a City Gas Company of Florida Miami Residential Customer Count



## NUI Utilities d/b/a City Gas Company of Florida

### Flat Rate Bill Impact

Interval in Therms		Average	Percent of	Cumulative	Curent Rates	Flat Rate	
Begin	End	Number of	Customers	Percent of	Average	Billing	Difference
		Customers	in Increment	Customers	Monthly Bill	Monthly Bill	
0.0 or Less		543	1%	1%	\$ 7.50	\$ 23.39	\$ 15.89
0.1	1.0	1,012	2%	3%	\$ 8.66	\$ 23.39	\$ 14.73
1.1	2.0	1,227	2%	5%	\$ 9.82	\$ 23.39	\$ 13.57
2.1	3.0	1,644	3%	8%	\$ 10.98	\$ 23.39	\$ 12.41
3.1	4.0	1,885	4%	12%	\$ 12.14	\$ 23.39	\$ 11.25
4.1	5.0	2,063	4%	16%	\$ 13.30	\$ 23.39	\$ 10.09
5.1	6.0	2,180	4%	20%	\$ 14.46	\$ 23.39	\$ 8.93
6.1	7.0	2,419	5%	24%	\$ 15.62	\$ 23.39	\$ 7.77
7.1	10.0	7,668	14%	39%	\$ 19.10	\$ 23.39	\$ 4.29
10.1	15.0	10,047	19%	58%	\$ 24.90	\$ 23.39	\$ (1.51)
15.1	20.0	9,706	18%	76%	\$ 30.69	\$ 23.39	\$ (7.30)
20.1	21.0	1,562	3%	79%	\$ 31.85	\$ 23.39	\$ (8.46)
21.1	25.0	4,470	8%	87%	\$ 36.49	\$ 23.39	\$ (13.10)
25.1	26.0	783	1%	89%	\$ 37.65	\$ 23.39	\$ (14.26)
26.1	30.0	1,890	4%	92%	\$ 42.29	\$ 23.39	\$ (18.90)
30.1	35.0	1,975	4%	96%	\$ 48.09	\$ 23.39	\$ (24.70)
35.1	37.0	526	1%	97%	\$ 50.41	\$ 23.39	\$ (27.02)
37.1	40.0	606	1%	98%	\$ 53.89	\$ 23.39	\$ (30.50)
40.1	50.0	1,027	2%	100%	\$ 65.48	\$ 23.39	\$ (42.09)

## NUI Utilities d/b/a City Gas of Florida

Demographics of Customers who use under 7 therms per Month

Home Ownership Status	House Type	Head of Household Age						All Customers who consume less than 7 therms per month		
		Age < 65			Age > 65			Income < \$15K	Income > \$15K	Total
		Income < \$15K	Income > \$15K	sub-Total	Income < \$15K	Income > \$15K	sub-Total			
Own	Single Family	751	6,266	7,017	390	2,322	2,712	1,141	8,588	9,729
	Multi-Family	64	967	1,031	153	173	326	217	1,140	1,357
	sub-Total	815	7,233	8,048	543	2,495	3,038	1,358	9,728	11,086
Rent	Single Family	13	31	44	0	0	0	13	31	44
	Multi-Family	321	294	615	39	35	74	360	329	689
	sub-Total	334	325	659	39	35	74	373	360	733
<b>Total</b>		<b>1,149</b>	<b>7,558</b>	<b>8,707</b>	<b>582</b>	<b>2,530</b>	<b>3,112</b>	<b>1,731</b>	<b>10,088</b>	<b>11,819</b>

House Type	Home Ownership Status	Head of Household Age						All Customers who consume less than 7 therms per month		
		Age < 65			Age > 65			Income < \$15K	Income > \$15K	Total
		Income < \$15K	Income > \$15K	sub-Total	Income < \$15K	Income > \$15K	sub-Total			
Single Family	Own	751	6,266	7,017	390	2,322	2,712	1,141	8,588	9,729
	Rent	13	31	44	0	0	0	13	31	44
	sub-Total	764	6,297	7,061	390	2,322	2,712	811	8,619	9,430
Multi-Family	Own	64	967	1,031	153	173	326	217	1,140	1,357
	Rent	321	294	615	39	35	74	360	329	689
	sub-Total	385	1,261	1,646	192	208	400	920	1,469	2,389
<b>Total</b>		<b>1,149</b>	<b>7,558</b>	<b>8,707</b>	<b>582</b>	<b>2,530</b>	<b>3,112</b>	<b>1,731</b>	<b>10,088</b>	<b>11,819</b>

