



# Calculating Your GRU Residential Natural Gas Bill

① Gas Services										
Meter Number	METER READING DATES		Meter Read Type	Days of Service	METER READINGS		④ Meter Multiplier	⑤ BTU Factor	Gas Consumption	Next Meter Read on or About
G223311	Previous	Present	ACTUAL	31	② Previous	③ Present	1.01700	1.033	18 THM	6/30/2014
⑥ Description										
① NATURAL GAS CUSTOMER CHARGE										
② NATURAL GAS USE										
③ MANUFACTURED GAS PLANT REC										
④ PURCHASED GAS ADJUSTMENT										
⑤ FLORIDA GROSS RECEIPTS TAX										
⑥ GAINESVILLE GAS UTIL TAX										
⑦ Total for Gas Services										

  

Description	Usage	Rate	Amount Billed
① NATURAL GAS CUSTOMER CHARGE	PER MONTH		\$ 9.52
② NATURAL GAS USE	18	\$ 0.4820	\$ 8.68
③ MANUFACTURED GAS PLANT REC	18	\$ 0.0505	\$ 0.91
④ PURCHASED GAS ADJUSTMENT	18	\$ 0.4000	\$ 7.20
⑤ FLORIDA GROSS RECEIPTS TAX			\$ 0.82
⑥ GAINESVILLE GAS UTIL TAX			\$ 1.91
⑦ Total for Gas Services			\$ 29.04

  

**NATURAL GAS RATES**  
(Effective October 1, 2013)

Customer Charge..... \$ 9.52/month  
 Energy charge, per therm ..... \$ 0.4820/therm  
 MGPCRF Charge..... \$ 0.0505/therm  
 Purchased Gas Adjustment ..... \$ (varies)

*Rates are subject to the 2.5 % Florida Gross Receipts Tax, and either a 10% City Utility Tax for customers inside Gainesville, or a 10% County Utility tax for customer outside the city*

### Determining Your Consumption

GRU reads your natural gas meter monthly. The reading is in hundreds of cubic feet (Ccf) and is listed in the **Gas Services** ① section on the back of your bill. Subtract last month's reading (Previous ②) from this month's reading (Present ③), then multiply the difference by the Meter Multiplier ④ (for most residential gas meters this will be 1.017) and then multiply this result by the BTU Factor ⑤ (monthly variable

that converts cubic feet to therms - a typical value is used in this example) to get the usage.

$$\begin{aligned}
 &\text{Present reading:} && 3221 \text{ Ccf} \\
 &\text{Previous reading:} && \underline{3204 \text{ Ccf}} \\
 &\text{difference:} && 17 \text{ Ccf} \\
 &\text{Meter multiplier:} && \underline{\times 1.017} \\
 &&& 17.289 \text{ Ccf} \\
 &\text{BTU factor:} && \underline{\times 1.015} \\
 &&& 17.548
 \end{aligned}$$

or 18 therms

On the back of the bill, the natural gas use is shown in therms (THM) and is listed as Gas Consumption in the **Gas Services** ① section and as NATURAL GAS USE in the **Description** section ⑥.

### Calculating the Charges

The following example shows how charges are calculated for natural gas usage.

### Steps 1 through 6 apply to all customers

- ① — **NATURAL GAS CUSTOMER CHARGE**  
This is the fixed charge to recover those costs that GRU must incur to provide service whether or not any gas is used.

Monthly \$ 9.52

- ② — **NATURAL GAS USE**  
The charge for all therms used is \$0.4820/therm

18 therms x \$0.4820/therm = \$8.68

- ③ — **MANUFACTURED GAS PLANT COST RECOVERY FACTOR (MGPCRF)**  
The charge for all therms used is \$0.0505/therm

18 therms x \$0.0505/therm = \$0.91

**4 — PURCHASED GAS ADJUSTMENT**

This charge is the natural gas consumption multiplied by the fuel adjustment rate. The fuel adjustment rate is subject to change monthly (a typical value for 2013 is used in this example).

$$18 \text{ therms} \times \$0.40/\text{therm} = \$ 7.20$$

**5 — FLORIDA GROSS RECEIPTS TAX\***

This is a "cost recovery" for the State of Florida's 2.5% tax on GRU's non-tax revenues received for natural gas. Since this is a "cost recovery" and not a tax, it too is subject to the 2.5% cost recovery. The billed therms are multiplied by a factor that determines the proper amount of the cost recovery.

$$18 \text{ therms} \times \$0.0456 = \$ 0.82$$

**6 — GAINESVILLE GAS UTILITY TAX\*\***

The sum of steps 1, 2 and 3 is subject to a 10% GAINESVILLE GAS UTILITY TAX for customers living within the city or a 10% Electric Surcharge for customers living outside the city.

$$\begin{aligned} \$9.52 + \$8.68 + \$0.91 &= \$19.11 \\ \$19.11 \times 0.10 &= \$ 1.91 \end{aligned}$$

**Step 7 only applies to customers living outside the city**

**7 — COUNTY GAS UTILITY TAX**

The sum of steps 1, 2, 3 and 6 is subject to a 10% Utility Tax for customers living outside the city.

$$\begin{aligned} \$9.52 + \$8.68 + \$0.91 + \$1.91 &= \$21.02 \\ \$21.02 \times 0.10 &= \$ 2.10 \end{aligned}$$

**Displaying the Total for Natural Gas Services on the GRU bill**

Each charge is listed in the SUMMARY OF SERVICES section on the front of the bill on the line that identifies the charge.

The **Total for Gas Service Details** ⑦ is also listed on the last line in the itemized Gas Service Details section on the back of the bill.

\*The Florida Gross Receipts Tax cost recovery on natural gas revenues is totaled with the Florida Gross Receipts Tax cost recovery on electric revenues if you also receive that service.

\*\*The City or County Utility tax on natural gas is totaled together with the City or County Utility tax on electricity and water if you also receive either of those services.

**NOTE:** This fact sheet is meant as an aid to understanding GRU's residential natural gas rates. It does not replace GRU's rates in the Gainesville Code of Ordinances. If there are differences between this material and the ordinance, the ordinance shall prevail. Different rates and methods of calculation apply for our non-residential customers. For more information on calculating rates, call GRU's Customer Service, 334-3434.