## Millennium Energy, Inc.

## 698 Morgantown Rd

Franklin KY 42134
Phone: (270) 586-3443
Emergency: 1-888-281-9133
Fax: (270) 393-2615

November 19, 2010

Mr. Jeff Derouen, Executive Director
Executive Director, Public Service Commission PO Box 615 / 211 Sower Blvd.
Frankfort, KY 40602 HOV 842000 Public service commssion

RE: Case \# Gas Cost Adjustment Report

## Dear Mr. Derouen:

The following document is Millennium Energy's Gas Cost Adjustment Report for quarter, January 1, 2011 to March 31, 2011.

Sincerely,


Wayne Goodrum
Manager


Date Rates to be Effective:
January 1, 2011 TO March 31, 2011

Reporting Period is Calendar Quarter Ended:

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

| Component | Unit | Amount |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Expected Gas Cost (EGC) | $\$ / \mathrm{Mcf}$ | $\$$ | 4.4570 |
| + Refund Adjustment (RA) | $\$ / \mathrm{Mcf}$ |  | - |
| + Actual Adjustment (AA) | $\$ / \mathrm{Mcf}$ |  | 1.0280 |
| + Balance Adjustment (BA) | $\$ / \mathrm{Mcf}$ |  | $(0.0812)$ |
| = Gas Cost Recovery Rate (GCR) | $\$ / \mathrm{Mcf}$ | $\$$ | 5.4039 |

GCR to be effective for service rendered from:

## 01-01-11 TO 03-31-11

| A. EXPECTED GAS COST CALCULATION | Unit | Amount |
| :---: | :---: | :---: |
| Total Expected Gas Cost (Schedule II) | \$ | 486,675.72 |
| + Sales for the 12 months ended 10/31/2010 | Mcf | 109,192.40 |
| - Expected Gas Cost (EGC) | \$/Mcf | 4.4570 |
| B. REFUND ADJUSTMENT CALCULATION | Unit | Amount |
| Supplier Refund Adjustment for Reporting Period (Sch. III) | \$/Mcf | \$ - |
| + Previous Quarter Supplier Refund Adjustment | \$/Mcf | \$ |
| + Second Previous Quarter Supplier Refund Adjustment | \$/Mcf | \$ - |
| + Third Previous Quarter Supplier Refund Adjustment | \$/Mcf | \$ - |
| = Refund Adjustment (RA) | \$/Mcf | \$ |
| C. ACTUAL ADJUSTMENT CALCULATION | Unit | Amount |
| Actual Adjustment for the Reporting Period (Schedule IV) | \$/Mcf | \$ 0.0337 |
| + Previous Quarter Reported Actual Adjustment | \$/Mcf | \$ (0.0186) |
| + Second Previous Quarter Reported Actual Adjustment | \$/Mcf | \$ 0.0190 |
| + Third Previous Quarter Reported Actual Adjustment | \$/Mcf | \$ 0.9939 |
| =Actual Adjustment (AA) | \$/Mcf | \$ 1.0280 |
| D. BALANCE ADJUSTMENT CALCULATION | Unit | Amount |
| Balance Adjustment for the Reporting Period (Schedule V) | \$/Mcf | \$ (0.0478) |
| + Previous Quarter Reported Balance Adjustment | \$/Mcf | \$ (0.0229) |
| + Second Previous Quarter Reported Balance Adjustment | \$/Mcf | \$ 0.0101 |
| + Third Previous Quarter Reported Balance Adjustment | \$/Mcf | \$ (0.0206) |
| =Balance Adjustment (BA) | \$/Mcf | \$ (0.0812) |

## SCHEDULE II

EXPECTED GAS COST
Appendix B
Page 3
Actual* Mcf Purchase for 12 months ended

| (1) | (2) | (3) | (4) | (5) | (6) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Heat |  |  | (2) x (5) |
| Supplier | Dth | Rate | Mcf | Rate | Cost |
| Nov-09 Atmos Energy Marketing | 9,485.00 | 1.0190 | 9,308.15 | 4.2200 | 40,026,70 |
| Dec-09 Atmos Energy Marketing | 13,479.00 | 1.0194 | 13,222.48 | 4.2200 | 56,881.38 |
| Jan-10 Atmos Energy Marketing | 15,116.00 | 1.0194 | 14,828,33 | 4.2200 | 63,789.52 |
| Feb-10 Utility Gas Management | 13,307.00 | 1.0193 | 13,055.04 | 4.2200 | 56,155.54 |
| Mar-10 Uiility Gas Management | 11,263.00 | 1.0104 | 11,147.07 | 4.2200 | 47,529.86 |
| Apr-10 Utility Gas Management | 8,355.00 | 1.0268 | 8,136.93 | 4.2200 | 35,258.10 |
| May-10 Utility Gas Management | 7,786.00 | 1.0229 | 7,611.69 | 4.2200 | 32,856.92 |
| Jun-10 Utility Gas Management | 6,962.00 | 1.0152 | 6,857.76 | 4.2200 | 29,379.64 |
| Jul-10 Utility Gas Management | 7,191.00 | 1.0132 | 7,097.32 | 4.2200 | 30,346.02 |
| Aug-10 Utility Gas Management | 6,934.00 | 1.0139 | 6,838.94 | 4.2200 | 29,261.48 |
| Sep-10 Utility Gas Managememt | 7,240.00 | 1.0139 | 7,140.74 | 4.2200 | 30,552.80 |
| Oct-10 Utility Gas Management | 8,208.00 | 1.0176 | 8,066.04 | 4.2200 | 34,637.76 |
| Totals | 115,326.00 | 1.0178 | 113,310.49 | 4.2200 | 486,675.72 |

Line losses are
$113,310.49$ Mcf and sales of $\quad 3.63 \%$ for 12 months ended $\begin{gathered}10 / 31 / 2010 \text { based on purchases of } \\ \end{gathered}$

|  | Unit | Amount |  |
| :---: | :---: | :---: | :---: |
| Total Expected Cost of Purchases (6) (to Schedule IA.) | \$ | \$ | 486,675.72 |
| Expected Mcf Purchases (4) | Mcf |  | 113,310.49 |
| = Average Expected Cost Per Mcf Purchased | \$/Mcf | \$ | 4.2951 |
| Plus: Expected Losses of (not to exceed 5\%) | (D260, 95) if line loss $>5 \%$ Mcf |  | 486,675.72 |
| = Total Expected Gas Cost | (332*J33 if line loss) \$ | \$ | 486,675.72 |
| Allowable Sales (maximum losses of 5\%). |  |  | 486,675.72 |

*Or adjusted pursuant to Gas Cost Adjustment Clause and explained herein.
**Supplier's tariff sheets or notices are attached.

## SUPPLIER REFUND ADJUSTMENT

$$
\text { Details for the } 3 \text { months ended } \quad 10 / 31 / 2010
$$

| Particulars | Unit | Amount |  |
| :---: | :---: | :---: | :---: |
| Total supplier refunds received | \$ | \$ |  |
| + Interest | \$ | \$ | - |
| $=$ Refund Adjustment including interest | \$ | \$ | - |
| + Sales for 12 months ended _ $10 / 31 / 2010$ | Mcf |  | 109,192 |
| $=$ Supplier Refund Adjustment for the Reporting Period (to Schedule IB.) | \$/Mcf | \$ | - |

## SCHEDULE IV ACTUAL ADJUSTMENT

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For the 3 month period ended $\qquad$ $10 / 31 / 2010$

| Particulars | Unit | Month 1 | Month 2 |  | Month 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Aug-10 |  | Sep-10 |  | Oct-10 |
| Total Supply Volumes Purchased | Mcf | 6,838.94 |  | 7,140.74 |  | 8,066.04 |
| Total Cost of Volumes Purchased | \$ | \$ 34,912.84 | \$ | 34,178,88 | \$ | 35,045.69 |
| Total Sales | Mcf | \$ 6,496.99 | \$ | 7,133.60 | \$ | 8,287.70 |
| (may not be less than $95 \%$ of supply volumes) <br> (G8*0.95) |  |  |  |  |  |  |
| $=$ Unit Cost of Gas | \$/Mcf | \$ 5.3737 | \$ | 4.7913 | \$ | 4.2286 |
| - EGC in effect for month | \$/Mcf | \$ 4.4489 | \$ | 4.4489 | \$ | 4.7708 |
| $\begin{aligned} = & \text { Difference } \\ & {[\text { (Over-)/Under-Recovery }] } \end{aligned}$ | \$/Mcf | \$ 0.9248 | \$ | 0.3424 | \$ | (0.5422) |
| x Actual sales during month | Mcf | 6,202.40 |  | 7,133.60 |  | 8,287.70 |
| $=$ Monthly cost difference | \$ | 5,735.94 |  | 2,442.21 |  | $(4,493.27)$ |
|  |  | Unit |  | ount |  |  |
| Total cost difference (Month $1+$ Month $2+$ Month 3) |  | \$ | \$ | 3,684,87 |  |  |
| + Sales for 12 months ended __ 10/31/2010 |  | Mcf |  | 109,192 |  |  |
| $=$ Actual Adjustment for the Reporting Period (to Schedule IC.) |  | \$/Mcf | \$ | 0.0337 |  |  |

SCHEDULE V
BALANCE ADJUSTMENT

For the 3 month period ended

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| For the 3 month period ended $10 / 31 / 2010$ |  | Unit | Amount |
| :---: | :---: | :---: | :---: |
| Line | Particulars |  |  |
| (1) | Total cost difference from actual adjustment used to compute $A A$ of the GCR effective four quarters prior to the effective date of the currently effective GCR | \$ | 93,945.90 Case No 2009-00344 |
| 2 Less: | Dollars amount resulting from the AA of $\qquad$ $0.9082 \mathrm{~S} / \mathrm{MCF}$ as used to compute the GCR in effect four quarters prior to the effective date of the currently effective GCR times the sales of |  |  |
| 3 | MCF during the 12 month period the AA was in effect. | \$ | 99,168.54 |
| 4 Equals: | Balance Adjustment for the AA. | \$ | $(5,222.64)$ |
| $5^{(3)}$ | Total Supplier Refund Adjustment including interest used to compute RA of the GCR effective four quarters prior to the effective date of the currently effective GCR. | \$ | - |
| 6 Less: | Dollar amount resulting from the RA of $\qquad$ $\$ / \mathrm{MCF}$ as used to compute the OCR in effect four quarters prior to the effective GCR times the sales of <br> 109,192 MCF |  |  |
| 7 | during the 12 month period the RA was in effect. | \$ | -- |
| 8 Equals: | Balance Adjustment for the RA. | \$ | - |
| (3) | Total Balance Adjustment used to compute RA of the GCR effective four quarters prior to the effective date of the currently cffcctive GCR. | \$ | $\cdots$ |
| 10 Less: | Dollar amount resulting from the BA of four quarters prior to the effective date of the currently effective |  |  |
| 11 | period the BA was in effect. | \$ | - |
| 12 Equals: | Balance Adjustment for the BA. | \$ | -- |
| 13 | Total Balance Adjustment Amount (1) $+(2)+(3)$ | \$ | -5222.64 |
| 14 Divided By: | Sales for 12 months ended $\quad 10 / 31 / 2010$ | \$ | 109,192 |
| 15 Equals: | Balance Adjustment for the Reporting Period (to Schedule D), | \$/MCF | (0.0478) |

FOR ENTIRE AREA SERVED
$\frac{\text { P.S.C. KY. NO. }}{1 \text { St } \quad \text { SHEET NO. }} 7$

Canceling P.S.C. KY NO.
SHEET NO.

## Millennium Energy, Inc.

## RULES AND REGULATIONS

## Gas Cost Adiustment Clause

The rates authorized herein are based upon the wholesale cost of gas to Millennium Energy, inc. as computed using rates of its wholesale suppliers currently in effect. In the event there is an increase or decrease in wholesale gas cost Millennium shall file with this Commission the following information within 30 days:

1. A copy of the contract or wholesale supplier notification effecting the change in rate and a statement relative to the effective rate of such proposed change.
2. A statement setting out gas sales for the most recent 12 months.
3. A statement setting out the details of gas purchased for the most recent 12 months showing billing from the supplier(s) under the most recent rate(s) and under the proposed supplier rate. The difference between the amounts so determined shall be divided by Millennium's sales for the most recent 12 months, provided Millennium's line loss for the same 12 month period does not exceed $5 \%$. If line loss exceeds $5 \%$, the difference shall be divided by allowable sales calculated as (purchases x .95).
4. A signed and dated tariff sheet showing Millennium's proposed rates for service based on the change in supplier rate. An increase in rates shall not be effective with less than 30 days notice unless a waiver is requested and granted.
5. Such other information as this Commission may request for a proper determination of the purchased gas adjustment.

In the event that Millennium receives from its supplier a refund, bill adjustment or credit of amounts paid to such supplier in respect of a prior period, Millennium will apply to the Commission within 30 days for authority to make adjustments on the rates charged to its customers under this provision as follows:

1. The "refundable amount" shall be the amount received by Millennium as a refund. Each refundable amount shall be divided by the Mcfs of gas that Millennium estimates it will sell to its customers during the four month period commencing with the first day of the month following receipt of the refunds, thus determining a "refund adjustment"

FOR ENTIRE AREA SERVED

| P.S.C. KY. NO. $\frac{1}{\text { SHEET NO }-8}$ |
| :--- |
| lst |
| Canceling P.SC. KY NO. |
| SHEET NO |.

## Millennium Energy, Inc.

RULES AND REGULATIONS
2. Upon commission approval, Millennium will reduce by the calculated factor any purchased gas adjustment that would otherwise be applicable during such period.
3. In the event of any large or unusual refund, Millennium may apply to the commission for the right to depart from the refund procedure herein set forth.
4. If the cause for the usage deviation cannot be determined from analysis of the customer's meter reading and billing records, the Company will contact the customer by telephone or in writing to determine whether there have been changes such as different number of household members or work staff, additional or different appliances, changes in business volume, or known leaks in the customer's service line.
5. Where the deviation is not otherwise explained, the Company will test the customer's meter to determine whether it shows an average error greater than 2 percent fast or slow.
6. The Company will notify the customers of the investigation, its findings, and any refunds or back billing in accordance with 807 KAR 5:006, Section 10 (4) and (5).

In addition to the annual monitoring, the Company will immediately investigate usage deviations brought to its attention as a result of its on going meter reading or billing processes or customer inquiry

Upon receipt of the required information, the Commission shall review the proposed increase, reduction, or refund and, within 30 days from receipt of the information required, issue its Order setting out the proper revised rates or otherwise acting to investigate or suspend the proposed rates.


## MILLENNIUM ENERGY

## Purchased Gas Adjustment Calculation [1]

| $\begin{gathered} \text { Line } \\ \text { No } \\ \hline \end{gathered}$ | Wholesale Supplier | Purchased Gas (@) Delivery Point) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Month | Amount | Quantity | Heat Rate | Quantity | Avg. Rate |
|  |  |  | (\$) | (decatherms) | ( $\mathrm{dt} / \mathrm{mcF}$ ) | (mcF) | S/mcF |
|  | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| 1 | Atmos Energy Marketing | Nov-09 | 75,512.61 | 9,485.00 | 1.0190 | 9,308.15 | 8.11 |
| 2 | Atmos Energy Marketing | Dec-09 | 99,888.10 | 13,479.00 | 1.0194 | 13,222.48 | 7.55 |
| 3 | Atmos Energy Marketing | Jan-10 | 94,820.36 | 15,116.00 | 1.0194 | 14,828.33 | 6.39 |
| 4 | Utility Gas Management | Feb-10 | 80,780.43 | 13,307.00 | 1.0193 | 13,055.04 | 6.19 |
| 5 | Utility Gas Management | Mar-10 | 59,273.99 | 11,263.00 | 1.0104 | 11,147.07 | 5.32 |
| 6 | Utility Gas Management | Apr-10 | 39,980.73 | 8,355.00 | 1.0268 | 8,136.93 | 4.91 |
| 7 | Utility Gas Management | May-10 | 38,301.97 | 7,786.00 | 1.0229 | 7,611.69 | . 03 |
| 8 | Utility Gas Management | Jun-10 | 34,379.25 | 6,962.00 | 1.0152 | 6,857.76 | 5.01 |
| 9 | Utility Gas Management | Jul-10 | 36,359.52 | 7,191.00 | 1.0132 | 7,097.32 | 5.12 |
| 10 | Utility Gas Management | Aug-10 | 34,912.84 | 6,934.00 | 1.0139 | 6,838.94 | 5.11 |
| 11 | Utility Gas Management | Sep-10 | 34,178.88 | 7,240.00 | 1.0139 | 7,140.74 | 4.79 |
| 12 | Utility Gas Management | Oct-10 | 35,045.69 | 8,208.00 | 1.0176 | 8,066.04 | 4.34 |
|  | Total |  | 663,434.37 | 115,326.00 | 1.0178 | 113,310.49 | 5.86 |

[1] Losses are based on a 12-month moving average.

## MILLENNIUM ENERGY <br> Purchased Gas Adjustment Calculation [1]

| Wholesale Supplier | Monthly Gas Sales |  |  | 12-Months Gas Totals |  |  | Recovery Rate |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ouantity | Losses | Avg. Rate | Purchases | Sales | Losses | Cost | Rate |
|  | (mcF) | (\%) | (\$/mcF) | (mcF) | (mcF) | (\%) | (\$) | (S/mcF) |
| (a) | (h) | (i) | (j) | (k) | (1) | (m) | ( n ) | (0) |
| Atmos Energy Marketing | 8,839.50 | 5.03\% | 8.54 | 9,308.15 | 8,840 | 5.03\% | 75,513 | 8.54 |
| Atmos Energy Marketing | 11,959.20 | 9.55\% | 8.35 | 22,530.63 | 20,799 | 7.69\% | 175,401 | 8.43 |
| Atmos Energy Marketing | 14,627.00 | 1.36\% | 6.48 | 37,358.96 | 35,426 | 5.17\% | 270,221 | 7.63 |
| Utility Gas Management | 12,419.70 | 4.87\% | 6.50 | 50,414.00 | 47,845 | 5.10\% | 351,002 | 7.303 |
| Utility Gas Management | 10,513.20 | 5.69\% | 5.64 | 61,561.07 | 58,359 | 5.20\% | 410,275 | 6.66 |
| Utility Gas Management | 9,277.90 | -14.02\% | 4.31 | 69,698.00 | 67,637 | 2.96\% | 488,558 | 6.59 |
| Utility Gas Management | 6,502.10 | 14.58\% | 5.89 | 77,309.69 | 74,139 80782 | 4.10\% | -488,5937 | 6.47 |
| Utility Gas Management | 6,643.40 | 3.13\% | 5.17 | 84,167.45 | 2 | 4.02\% | 559,297 | 6.39 |
| Utility Gas Management | 6,786.70 | 4.38\% | 5.36 | 91,264.77 | 87,569 | 4.05\% | 594,210 | 6.34 |
| Utility Gas Management | 6,202.40 | 9.31\% | 5.63 | $98,103.71$ $105,244.45$ | 93,771 100,905 | 4.12\% | 628,389 | 6.23 |
| Utility Gas Management | 7,133.60 | 0.10\% | 4.79 | $105,244.45$ $113,310.49$ | $109.192$ | 3.63\% | 663,434 | 6.08 |
| Utility Gas Management | 8,287.70 | -2.75\% | 4.23 | 113,310.49 | 109,192 |  | 663,434 | 6.08 |
| Total | 109,192.40 | 3.63\% | 6.08 | 113,310.49 | 109,192.40 | 3.63\% | 663,434 |  |

[1] Losses are based on a 12

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From: Ron Ragan <utilitygas@kc.rr.com>
Sent:
To:
Subject:
Monday, November 15, 2010 9:45 AM
Meador, Wendy
RE: NEXT QUARTER PRICES
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Wendy,

Here are the current prices. This market has been moving like crazy, but for now at least...here they are:

Jan 11-\$3.92
Feb 11-\$3.94
Mar 11-\$3.92

Thanks!
Ron Raga
Utility Gas Management
Cell (913) 515-2994
Office (913) 938-5260
Fax (913) 938-5261
Email - UGM@Rc.rr.com
web - www.utilitygas.com


From: Meador, Wendy [mailto:wendym@wrecc.com]
Sent: Monday, November 15, 2010 9:09 AM
To: utilitygas@kc.rr.com
Subject: NEXT QUARTER PRICES

Ron
I am working on my next psi gas cost adjustment report. This will be for the jan, feb, and march quarter. Can you give me an estimate of the future prices for that quarter.
thanks
Wendy $\mathcal{A}$ Meador
Warren RECC \& Millennium Energy, Inc
Customer Service Representative
698 Morgantown Rd
Franklin KY 42134
PH: 270-586-3443 ext. 3004
FX: 270-393-2616

