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February 19, 2018

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FEB 26 2018

**PUBLIC SERVICE
COMMISSION**

Ms. Gwen R Pinson, Executive Director
Executive Director, Public Service Commission
PO Box 615 / 211 Sower Blvd.
Frankfort, KY 40602

RE: Case # Gas Cost Adjustment Report

Dear Ms. Pinson:

The following document is Millennium Energy's Gas Cost Adjustment Report for the quarter of April 1, 2018 to June 30, 2018.

Sincerely,

A handwritten signature in cursive script that reads "Patty Kantosky".

Patty Kantosky
V.P. of Member & Customer Services

**QUARTERLY REPORT OF GAS COST
RECOVERY RATE CALCULATION**

Date Filed: **1-Mar-18**

Date Rates to be Effective: **April 1, 2018 To June 30, 2018**

Reporting Period is Calendar Quarter Ended: **November 1, 2017 To January 31, 2018**

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	3.1528
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	(0.2787)
+ Balance Adjustment (BA)	\$/Mcf	<u>0.0231</u>
= Gas Cost Recovery Rate (GCR)	\$/Mcf	2.8972

GCR to be effective for service rendered from: **04-01-18 To 06-30-18**

<u>A. EXPECTED GAS COST CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
Total Expected Gas Cost (Schedule II)	\$	419,856.31
+ Sales for the 12 months ended 1/31/2018	Mcf	<u>133,168.40</u>
- Expected Gas Cost (EGC)	\$/Mcf	3.1528
<u>B. REFUND ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
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	<u>\$ -</u>
= Refund Adjustment (RA)	\$/Mcf	\$ -
<u>C. ACTUAL ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
Actual Adjustment for the Reporting Period (Schedule IV)	\$/Mcf	\$ (0.0894)
+ Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.1240)
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.0499)
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	<u>\$ (0.0154)</u>
=Actual Adjustment (AA)	\$/Mcf	\$ (0.2787)
<u>D. BALANCE ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ (0.0044)
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0020
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0136
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	<u>\$ 0.0119</u>
=Balance Adjustment (BA)	\$/Mcf	\$ 0.0231

SCHEDULE II
EXPECTED GAS COST

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Actual* Mcf Purchase for 12 months ended			01/31/18		
(1)	(2)	(3)	(4)	(5)	(6)
<u>Supplier</u>	<u>Dth</u>	<u>Heat Rate</u>	<u>Mcf</u>	<u>Rate</u>	<u>(2) x (5) Cost</u>
Feb-17 Utility Gas Management	13,073.00	1.0619	12,311.00	2.89000	37,780.97
Mar-17 Utility Gas Management	14,324.00	1.0610	13,501.00	2.89000	41,396.36
Apr-17 Utility Gas Management	10,375.00	1.0586	9,801.00	2.89000	29,983.75
May-17 Utility Gas Management	10,057.00	1.0536	9,545.00	2.89000	29,064.73
Jun-17 Utility Gas Management	9,542.00	1.0513	9,076.00	2.89000	27,576.38
Jul-17 Utility Gas Management	8,847.00	1.0619	8,331.00	2.89000	25,567.83
Aug-17 Utility Gas Management	9,628.00	1.0671	9,023.00	2.89000	27,824.92
Sep-17 Utility Gas Management	9,954.00	1.0697	9,305.00	2.89000	28,767.06
Oct-17 Utility Gas Management	10,824.00	1.0666	10,148.00	2.89000	31,281.36
Nov-17 Utility Gas Management	12,877.00	1.0619	12,126.00	2.89000	37,214.53
Dec-17 Utility Gas Management	16,632.00	1.0616	15,667.00	2.89000	48,066.48
Jan-18 Utility Gas Management	19,146.00	1.0442	18,335.00	2.89000	55,331.94
Totals	145,279.00	1.0591	137,169.02	2.89000	419,856.31

Line losses are 137,169.02 Mcf and sales of 133,168.40 Mcf. 2.92% for 12 months ended 1/31/2018 based on purchases of Mcf.

	<u>Unit</u>	<u>Amount</u>
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 419,856.31
Expected Mcf Purchases (4)	Mcf	<u>137,169.02</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 3.0609
Plus: Expected Losses of (not to exceed 5%)	Mcf	<u>419,856.31</u>
= Total Expected Gas Cost	\$	\$ 419,856.31
Allowable Sales (maximum losses of 5%).		419,856.31

*Or adjusted pursuant to Gas Cost Adjustment Clause and explained herein.

**Supplier's tariff sheets or notices are attached.

SCHEDULE III
SUPPLIER REFUND ADJUSTMENT

Details for the 3 months ended 1/31/2018

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total supplier refunds received	\$	\$ -
+ Interest	\$	\$ -
<hr/>		
= Refund Adjustment including interest	\$	\$ -
+ Sales for 12 months ended 1/31/2018	Mcf	133,168
<hr/>		
=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 1/31/2018

<u>Particulars</u>	<u>Unit</u>	Month 1 <u>Nov-17</u>	Month 2 <u>Dec-17</u>	Month 3 <u>Jan-18</u>
Total Supply Volumes Purchased	Mcf	12,126.00	15,667.00	18,335.00
Utility Gas Management				
Total Cost of Volumes Purchased	\$	\$ 38,413.50	\$ 54,175.56	\$ 63,381.74
 Total Sales	 Mcf	 <u>11,792.60</u>	 <u>15,907.60</u>	 <u>17,418.25</u>
(may not be less than 95% of supply volumes) (G8*0.95)				
= Unit Cost of Gas	\$/Mcf	\$ 3.2574	\$ 3.4056	\$ 3.6388
 - EGC in effect for month	 \$/Mcf	 <u>\$ 3.6318</u>	 <u>\$ 3.6318</u>	 <u>\$ 3.8664</u>
 = Difference [(Over-)/Under-Recovery]	 \$/Mcf	 \$ (0.3744)	 \$ (0.2262)	 \$ (0.2276)
 x Actual sales during month	 Mcf	 <u>11,792.60</u>	 <u>15,907.60</u>	 <u>17,081.10</u>
 = Monthly cost difference	 \$	 (4,414.86)	 (3,597.66)	 (3,887.46)
Total cost difference (Month 1 + Month 2 + Month 3)	<u>Unit</u> \$		<u>Amount</u> \$ (11,899.99)	
+ Sales for 12 months ended <u>1/31/2018</u>	Mcf		<u>133,168</u>	
= Actual Adjustment for the Reporting Period (to Schedule IC.)	\$/Mcf		\$ (0.0894)	

SCHEDULE V
BALANCE ADJUSTMENT

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For the 3 month period ended 1/31/2018

Line	Particulars	Unit	Amount
	Utility Gas Management		
(1)	Total cost difference from actual adjustment used to compute AA of the GCR effective four quarters prior to the effective date of the currently effective GCR.		
1		\$	<u>5,001.63</u>
			Case No. 2016-00408 01-01-17 to 03-31-17
2 Less:	Dollars amount resulting from the AA of <u>0.0420</u> \$/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 133,168 MCF during the 12 month period the AA was in effect.		
3		\$	<u>5,593.07</u>
4 Equals:	Balance Adjustment for the AA.	\$	<u>(591.44)</u>
(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.		
5		\$	<u>-</u>
6 Less:	Dollar amount resulting from the RA of <u>-</u> \$/MCF as used to compute the OCR in effect four quarters prior to the effective GCR times the sales of 133,168 MCF during the 12 month period the RA was in effect.		
7		\$	<u>-</u>
8 Equals:	Balance Adjustment for the RA.	\$	<u>-</u>
(3)	Total Balance Adjustment used to compute RA of the GCR effective four quarters prior to the effective date of the currently effective GCR.		
9		\$	<u>-</u>
10 Less:	Dollar amount resulting from the BA of <u>-</u> \$/MCF four quarters prior to the effective date of the currently effective GCR times the sales of 133,168 MCF during the 12 month period the BA was in effect.		
11		\$	<u>-</u>
12 Equals:	Balance Adjustment for the BA.	\$	<u>-</u>
13	Total Balance Adjustment Amount (1) + (2) + (3)	\$	<u>-591.44</u>
14	Divided by Sales for 12 months ended 1/31/2018	\$	<u>133,168</u>
15 Equals:	Balance Adjustment for the R.V.P. of Operations	\$/MCF	<u>(0.0044)</u>

FOR ENTIRE AREA SERVED
P.S.C. KY. NO. _____
1st SHEET NO. 7
Canceling P.S.C. KY NO. _____
SHEET NO. _____

Millennium Energy, Inc.
RULES AND REGULATIONS

Gas Cost Adjustment 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"

DATE OF ISSUE March 1, 2018 DATE EFFECTIVE April 1, 2018
MONTH DAY YEAR MONTH DAY YEAR

SIGNED BY: Patty Kantol V.P. of Member & Customer Services
NAME OF OFFICER TITLE ADDRESS

FOR ENTIRE AREA SERVED
P.S.C. KY. NO. 1
1st 8 SHEET NO. 8
Canceling P.S.C. 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.

DATE OF ISSUE March 1, 2018 DATE EFFECTIVE April 1, 2018
MONTH DAY YEAR MONTH DAY YEAR

SIGNED BY: *Patty Kantolny* V.P. of Member & Customer Services
NAME OF OFFICER TITLE ADDRESS

MILLENNIUM ENERGY
Purchased Gas Adjustment Calculation [1]

Line No	Wholesale Supplier	Purchased Gas (@ Delivery Point)					
		Month	Amount (\$)	Quantity (decatherms)	Heat Rate (dt/mcF)	Quantity (mcF)	Avg. Rate (\$/mcF)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Utility Gas Management	Feb-17	46,818.06	13,073.00	1.0619	12,311.00	3.80
2	Utility Gas Management	Mar-17	40,151.67	14,324.00	1.0610	13,501.00	2.97
3	Utility Gas Management	Apr-17	32,262.04	10,375.00	1.0586	9,801.00	3.29
4	Utility Gas Management	May-17	30,986.15	10,057.00	1.0536	9,545.00	3.25
5	Utility Gas Management	Jun-17	30,657.21	9,542.00	1.0513	9,076.00	3.38
6	Utility Gas Management	Jul-17	26,958.00	8,847.00	1.0619	8,331.00	3.24
7	Utility Gas Management	Aug-17	28,719.47	9,628.00	1.0671	9,023.00	3.18
8	Utility Gas Management	Sep-17	29,567.23	9,954.00	1.0697	9,305.00	3.18
9	Utility Gas Management	Oct-17	32,376.41	10,824.00	1.0666	10,148.00	3.19
10	Utility Gas Management	Nov-17	38,413.50	12,877.00	1.0619	12,126.00	3.17
11	Utility Gas Management	Dec-17	54,175.56	16,632.00	1.0616	15,667.00	3.46
12	Utility Gas Management	Jan-18	63,381.74	19,146.00	1.0442	18,335.00	3.46
Total			454,467.04	145,279.00	1.0591	137,169.02	3.31

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

MILLENNIUM ENERGY
Purchased Gas Adjustment Calculation [1]

Wholesale Supplier	Monthly Gas Sales			12-Months Gas Totals			Recovery Rate	
	Quantity (mcF)	Losses (%)	Avg. Rate (\$/mcF)	Purchases (mcF)	Sales (mcF)	Losses (%)	Cost (\$)	Rate (\$/mcF)
(a)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Utility Gas Management	11,837.10	3.85%	3.96	12,311.00	11,837	3.85%	46,818	3.96
Utility Gas Management	12,585.80	6.78%	3.19	25,812.00	24,423	5.38%	86,970	3.56
Utility Gas Management	9,889.90	-0.91%	3.26	35,613.00	34,313	3.65%	119,232	3.47
Utility Gas Management	8,894.10	6.82%	3.48	45,158.00	43,207	4.32%	150,218	3.48
Utility Gas Management	8,827.50	2.74%	3.47	54,234.00	52,034	4.06%	180,875	3.48
Utility Gas Management	8,094.30	2.84%	3.33	62,565.00	60,129	3.89%	207,833	3.46
Utility Gas Management	8,869.60	1.70%	3.24	71,588.00	68,998	3.62%	236,553	3.43
Utility Gas Management	9,557.20	-2.71%	3.09	80,893.00	78,556	2.89%	266,120	3.39
Utility Gas Management	9,831.60	3.12%	3.29	91,041.01	88,387	2.92%	298,496	3.38
Utility Gas Management	11,792.60	2.75%	3.26	103,167.01	100,180	2.90%	336,910	3.36
Utility Gas Management	15,907.60	-1.54%	3.41	118,834.01	116,087	2.31%	391,085	3.37
Utility Gas Management	17,081.10	6.84%	3.71	137,169.02	133,168	2.92%	454,467	3.41
Total	133,168.40	2.92%	3.41	137,169.02	133,168.40	2.92%	454,467	3.41

[1] Losses are based on ε

Meador, Wendy

From: Ron Ragan <ron@utilitygas.com>
Sent: Thursday, February 15, 2018 7:37 AM
To: Meador, Wendy
Subject: Re: nymex futures

Apr - \$2.60
May - \$2.62
June - \$2.58

Ron Ragan
Utility Gas Management
Ron@utilitygas.com
(913) 515-2994

2.60 Apr
2.62 May
2.58 June

7.80 / 3 = 2.60 average

On Feb 15, 2018, at 7:36 AM, Meador, Wendy <wendym@wrecc.com> wrote:

Ron

I am working on my next Gas Cost Adjustment report for the KY PSC. Can you get me the Nymex estimated futures for the quarter of: April, May & June

Thanks

Wendy Meador
Customer Service Supervisor
Franklin Office
698 Morgantown Rd
Franklin KY 42134
wendym@wrecc.com
Office Phone: 270-586-3443, Ext. 3004
Fax: 270-393-2615
<image001.png>

\$ 2.60 average
.08 Management Fee
.210 transport Fee

\$ 2.89
Supplier's Fees charged to UB

Schedule 11
Expected Gas Cost (5-rate)
Estimate

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