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AUG 24 2018

PUBLIC SERVICE  
COMMISSION

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August 31, 2018

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 October 1, 2018 to December 31, 2018.

Sincerely,

A handwritten signature in blue ink that reads "Patty Kantosky".

Patty Kantosky  
V.P. of Member Services

**AUG 24 2018**

**PUBLIC SERVICE  
COMMISSION**

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

Date Filed: **31-Aug-18**

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Date Rates to be Effective: **October 1, 2018 To December 31, 2018**

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Reporting Period is Calendar Quarter Ended: **May 1, 2018 To July 31, 2018**

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**SCHEDULE I**  
**GAS COST RECOVERY RATE SUMMARY**

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	3.5523
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	(0.3286)
+ Balance Adjustment (BA)	\$/Mcf	(0.0176)
= Gas Cost Recovery Rate (GCR)	\$/Mcf	3.2061

GCR to be effective for service rendered from: **10-01-18 to 12-31-18**

<b>A.</b>	<b><u>EXPECTED GAS COST CALCULATION</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
	Total Expected Gas Cost (Schedule II)	\$	492,812.39
	+ Sales for the 12 months ended 7/31/2018	Mcf	138,728.70
	- Expected Gas Cost (EGC)	\$/Mcf	3.5523

<b>B.</b>	<b><u>REFUND ADJUSTMENT CALCULATION</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
	Supplier Refund Adjustment for Reporting Period (Sch. I 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	\$ -

<b>C.</b>	<b><u>ACTUAL ADJUSTMENT CALCULATION</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
	Actual Adjustment for the Reporting Period (Schedule IV)	\$/Mcf	\$ (0.0306)
	+ Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.0846)
	+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.0894)
	+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.1240)
	= Actual Adjustment (AA)	\$/Mcf	\$ (0.3286)

<b>D.</b>	<b><u>BALANCE ADJUSTMENT CALCULATION</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
	Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ 0.0017
	+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ (0.0169)
	+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ (0.0044)
	+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0020
	= Balance Adjustment (BA)	\$/Mcf	\$ (0.0176)

**SCHEDULE II  
EXPECTED GAS COST**

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Actual\* Mcf Purchase for 12 months ended

07/31/18

(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>
Aug-17 Utility Gas Management	9,628.00	1.0671	9,023.00	3.29000	31,676.12
Sep-17 Utility Gas Management	9,954.00	1.0697	9,305.00	3.29000	32,748.66
Oct-17 Utility Gas Management	10,824.00	1.0666	10,148.00	3.29000	35,610.96
Nov-17 Utility Gas Management	12,877.00	1.0619	12,126.00	3.29000	42,365.33
Dec-17 Utility Gas Management	16,632.00	1.0616	15,667.00	3.29000	54,719.28
Jan-18 Utility Gas Management	19,146.00	1.0442	18,335.00	3.29000	62,990.34
Feb-18 Utility Gas Management	14,418.00	1.0477	13,761.00	3.29000	47,435.22
Mar-18 Utility Gas Management	14,775.00	1.0459	14,127.00	3.29000	48,609.75
Apr-18 Utility Gas Management	13,269.00	1.0533	12,598.00	3.29000	43,655.01
May-18 Utility Gas Management	10,551.00	1.0555	9,996.00	3.29000	34,712.79
Jun-18 Utility Gas Management	8,742.00	1.0543	8,292.00	3.29000	28,761.18
Jul-18 Utility Gas Management	8,975.00	1.0576	8,486.00	3.29000	29,527.75
<b>Totals</b>	<b>149,791.00</b>	<b>1.0559</b>	<b>141,864.02</b>	<b>3.29000</b>	<b>492,812.39</b>

Line losses are 2.21% for 12 months ended 7/31/2018 based on purchases of  
141,864.02 Mcf and sales of 138,728.70 Mcf.

	<u>Unit</u>	<u>Amount</u>
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 492,812.39
Expected Mcf Purchases (4)	Mcf	141,864.02
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 3.4738
Plus: Expected Losses of (not to exceed 5%)	(D26/0.95) if line loss > 5% Mcf	492,812.39
= Total Expected Gas Cost	(J32*J33 if line loss) \$	\$ 492,812.39

Allowable Sales (maximum losses of 5%). 492,812.39

\*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 7/31/2018

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total supplier refunds received	\$	\$ -
+ Interest	\$	\$ -
<hr/>		
= Refund Adjustment including interest	\$	\$ -
+ Sales for 12 months ended <u>7/31/2018</u>	Mcf	<u>138,729</u>
<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 7/31/2018

		Month 1	Month 2	Month 3
Particulars	Unit	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>
Total Supply Volumes Purchased	Mcf	9,996.00	8,292.00	8,486.00
Utility Gas Management				
Total Cost of Volumes Purchased	\$	\$ 28,823.33	\$ 24,820.85	\$ 26,209.51
Total Sales	Mcf	<u>9,864.60</u>	<u>8,396.60</u>	<u>8,061.70</u>
(may not be less than 95% of supply volumes) (G8*0.95)				
= Unit Cost of Gas	\$/Mcf	\$ 2.9219	\$ 2.9561	\$ 3.2511
- EGC in effect for month	\$/Mcf	<u>\$ 3.1528</u>	<u>\$ 3.1528</u>	<u>\$ 3.2916</u>
= Difference [ (Over-)/Under-Recovery]	\$/Mcf	\$ (0.2309)	\$ (0.1967)	\$ (0.0405)
x Actual sales during month	Mcf	<u>9,864.60</u>	<u>8,396.60</u>	<u>7,776.10</u>
= Monthly cost difference	\$	(2,277.78)	(1,651.95)	(314.83)

	Unit	Amount
Total cost difference (Month 1 + Month 2 + Month 3)	\$	\$ (4,244.56)
+ Sales for 12 months ended <u>7/31/2018</u>	Mcf	<u>138,729</u>
= Actual Adjustment for the Reporting Period (to Schedule IC.)	\$/Mcf	\$ (0.0306)

SCHEDULE V  
BALANCE ADJUSTMENT

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For the 3 month period ended 7/31/2018

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>(1,902.95)</u>
			Case No. 2017-00223 07-01-17 To 09-30-17
2 Less:	Dollars amount resulting from the AA of (0.0154) \$/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 138,729 MCF during the 12 month period the AA was in effect.		
3		\$	<u>(2,136.42)</u>
4 Equals:	Balance Adjustment for the AA.	\$	<u>233.47</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 - \$/MCF as used to compute the OCR in effect four quarters prior to the effective GCR times the sales of 138,729 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 - \$/MCF four quarters prior to the effective date of the currently effective GCR times the sales of 138,729 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>233.47</u>
14	Divided by Sales for 12 months ended 7/31/2018	\$	<u>138,729</u>
15 Equals:	Balance Adjustment for the R.V.P. of Operations	\$/MCF	<u>0.0017</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"

<b>DATE OF ISSUE</b>	August 31, 2018	<b>DATE EFFECTIVE</b>	October 1, 2018
	MONTH DAY YEAR		MONTH DAY YEAR
<b>SIGNED BY:</b>		V.P. of Member Services	
	NAME OF OFFICER	TITLE	ADDRESS



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

**Millennium Energy, Inc.**  
**RULES AND REGULATIONS**

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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.

<b>DATE OF ISSUE</b>	<u>August 31, 2018</u>	<b>DATE EFFECTIVE</b>	<u>October 1, 2018</u>
	<u>MONTH DAY YEAR</u>		<u>MONTH DAY YEAR</u>

SIGNED BY:	<u>Patty Kantosky</u>	<u>V.P. of Member Services</u>	<u></u>
	<u>NAME OF OFFICER</u>	<u>TITLE</u>	<u>ADDRESS</u>

**MILLENNIUM ENERGY**  
**Purchased Gas Adjustment Calculation [1]**

Line No	Wholesale Supplier	Purchased Gas (@ Delivery Point)					
		Month	Amount	Quantity	Heat Rate	Quantity	Avg. Rate
			(\$)	(decatherms)	(dt/mcF)	(mcF)	\$/mcF
	(a)	(b)	( c )	(d)	(e)	(f)	(g)
1	Utility Gas Management	Aug-17	28,719.47	9,628.00	1.0671	9,023.00	3.18
2	Utility Gas Management	Sep-17	29,567.23	9,954.00	1.0697	9,305.00	3.18
3	Utility Gas Management	Oct-17	32,376.41	10,824.00	1.0666	10,148.00	3.19
4	Utility Gas Management	Nov-17	38,413.50	12,877.00	1.0619	12,126.00	3.17
5	Utility Gas Management	Dec-17	54,175.56	16,632.00	1.0616	15,667.00	3.46
6	Utility Gas Management	Jan-18	63,381.74	19,146.00	1.0442	18,335.00	3.46
7	Utility Gas Management	Feb-18	58,720.00	14,418.00	1.0477	13,761.00	4.27
8	Utility Gas Management	Mar-18	39,197.16	14,775.00	1.0459	14,127.00	2.77
9	Utility Gas Management	Apr-18	35,111.10	13,269.00	1.0533	12,598.00	2.79
10	Utility Gas Management	May-18	28,823.33	10,551.00	1.0555	9,996.00	2.88
11	Utility Gas Management	Jun-18	24,820.85	8,742.00	1.0543	8,292.00	2.99
12	Utility Gas Management	Jul-18	26,209.51	8,975.00	1.0576	8,486.00	3.09
<b>Total</b>			<b>459,515.86</b>	<b>149,791.00</b>	<b>1.0559</b>	<b>141,864.02</b>	<b>3.24</b>

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[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	Losses	Avg. Rate	Purchases	Sales	Losses	Cost	Rate
	(mcF)	(%)	(\$/mcF)	(mcF)	(mcF)	(%)	(\$)	(\$/mcF)
(a)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Utility Gas Management	8,869.60	1.70%	3.24	9,023.00	8,870	1.70%	28,719	3.24
Utility Gas Management	9,557.20	-2.71%	3.09	18,328.00	18,427	-0.54%	58,287	3.16
Utility Gas Management	9,831.60	3.12%	3.29	28,476.01	28,258	0.76%	90,663	3.21
Utility Gas Management	11,792.60	2.75%	3.26	40,602.01	40,051	1.36%	129,077	3.22
Utility Gas Management	15,907.60	-1.54%	3.41	56,269.01	55,959	0.55%	183,252	3.27
Utility Gas Management	17,081.10	6.84%	3.71	74,604.02	73,040	2.10%	246,634	3.38
Utility Gas Management	13,461.20	2.18%	4.36	88,365.01	86,501	2.11%	305,354	3.53
Utility Gas Management	14,188.50	-0.44%	2.76	102,492.01	100,689	1.76%	344,551	3.42
Utility Gas Management	12,002.00	4.73%	2.93	115,090.01	112,691	2.08%	379,662	3.37
Utility Gas Management	9,864.60	1.31%	2.92	125,086.01	122,556	2.02%	408,486	3.33
Utility Gas Management	8,396.60	-1.26%	2.96	133,378.01	130,953	1.82%	433,306	3.31
Utility Gas Management	7,776.10	8.37%	3.37	141,864.02	138,729	2.21%	459,516	3.31
<b>Total</b>	<b>138,728.70</b>	<b>2.21%</b>	<b>3.31</b>	<b>141,864.02</b>	<b>138,728.70</b>	<b>2.21%</b>	<b>459,516</b>	<b>3.31</b>

[1] Losses are based on ε



## Meador, Wendy

**From:** Ron Ragan <ron@utilitygas.com>  
**Sent:** Thursday, August 09, 2018 8:49 AM  
**To:** Meador, Wendy  
**Subject:** RE: Gas Futures

Oct 18 - \$2.95  
Nov 18 - \$2.98  
Dec 18 - \$3.07

2.95 Oct  
2.98 Nov  
3.07 Dec

**From:** Meador, Wendy <wendym@wrecc.com>  
**Sent:** Thursday, August 9, 2018 8:13 AM  
**To:** Ron Ragan <ron@utilitygas.com>  
**Subject:** Gas Futures

\$ 9.00

\$ 9.00 / 3 =  
\$ 3.00

average

Ron

I need the projected Nymex estimates for the quarter of October, November and December 2018 for our quarterly GCA for the KY PSC.

Thanks

**Wendy Meador**  
**Customer Service Supervisor**  
**Franklin Office**

698 Morgantown Rd  
Franklin KY 42134

[wendym@wrecc.com](mailto:wendym@wrecc.com)

Office Phone: 270-586-3443, Ext. 3004

Fax: 270-393-2615

\$ 3.00 average

.08 management fee

.210 transport fee

\$ 3.29

Supplier  
Sees  
charged to us



Schedule 11- Expected Gas Cost  
(5)-Rate

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