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Franklin KY 42134
Phone: (270) 586-3443
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Fax: (270) 393-2615

November 22, 2016

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

RECEIVED

NOV 28 2016

Public Service
Commission

RE: Case # Gas Cost Adjustment Report

Dear Mr. Derouen:

The following document is Millennium Energy's Gas Cost Adjustment Report for the quarter of January 1, 2017 to March 31, 2017.

Sincerely,

A handwritten signature in blue ink, appearing to read "Melissa Watson", is written over a faint, illegible typed name.

Melissa Watson
Operations Manager

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Appendix B
Public Service
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**QUARTERLY REPORT OF GAS COST
RECOVERY RATE CALCULATION**

Date Filed: **1-Dec-16**

Date Rates to be Effective: **January 1, 2017 To March 31, 2017**

Reporting Period is Calendar Quarter Ended: **August 1, 2016 To October 31, 2016**

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	3.4858
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	(0.3450)
+ Balance Adjustment (BA)	\$/Mcf	<u>0.0002</u>
= Gas Cost Recovery Rate (GCR)	\$/Mcf	3.1410

GCR to be effective for service rendered from: 01-01-17 To 03-31-17

<u>A. EXPECTED GAS COST CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
Total Expected Gas Cost (Schedule II)	\$	414,655.20
+ Sales for the 12 months ended 10/31/2016	Mcf	<u>118,954.27</u>
- Expected Gas Cost (EGC)	\$/Mcf	3.4858
<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	\$ 0.0420
+ Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.0240)
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.1730)
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	<u>\$ (0.1900)</u>
=Actual Adjustment (AA)	\$/Mcf	\$ (0.3450)
<u>D. BALANCE ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ 0.0007
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0013
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ (0.0029)
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	<u>\$ 0.0011</u>
=Balance Adjustment (BA)	\$/Mcf	\$ 0.0002

SCHEDULE II
EXPECTED GAS COST

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Actual* Mcf Purchase for 12 months ended

10/31/16

(1) <u>Supplier</u>	(2) <u>Dth</u>	(3) <u>Heat Rate</u>	(4) <u>Mcf</u>	(5) <u>Rate</u>	(6) <u>(2) x (5) Cost</u>
Nov-15 Utility Gas Management	9,844.00	1.0762	9,147.00	3.2400	31,894.56
Dec-15 Utility Gas Management	11,290.00	1.0765	10,488.00	3.2400	36,579.60
Jan-16 Utility Gas Management	15,949.00	1.0665	14,955.00	3.2400	51,674.76
Feb-16 Utility Gas Management	14,095.00	1.0713	13,157.00	3.2400	45,667.80
Mar-16 Utility Gas Management	12,034.00	1.0742	11,203.00	3.2400	38,990.16
Apr-16 Utility Gas Management	10,615.00	1.0682	9,937.00	3.2400	34,392.60
May-16 Utility Gas Management	9,566.00	1.0651	8,981.00	3.2400	30,993.84
Jun-16 Utility Gas Management	8,612.00	1.0451	8,240.00	3.2400	27,902.88
Jul-16 Utility Gas Management	7,872.00	1.0639	7,399.00	3.2400	25,505.28
Aug-16 Utility Gas Management	8,577.00	1.0636	8,064.00	3.2400	27,789.48
Sep-16 Utility Gas Management	8,816.00	1.0628	8,295.00	3.2400	28,563.84
Oct-16 Utility Gas Management	<u>10,710.00</u>	<u>1.0604</u>	<u>10,100.00</u>	<u>3.2400</u>	<u>34,700.40</u>
Totals	127,980.00	1.0668	119,965.99	3.2400	414,655.20

Line losses are 119,965.99 Mcf and sales of 118,954.27 Mcf. 0.84% for 12 months ended 10/31/2016 based on purchases of

	<u>Unit</u>	<u>Amount</u>
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 414,655.20
Expected Mcf Purchases (4)	Mcf	<u>119,965.99</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 3.4564
Plus: Expected Losses of (not to exceed 5%)	Mcf	414,655.20
= Total Expected Gas Cost	\$	\$ 414,655.20

Allowable Sales (maximum losses of 5%).

414,655.20

*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 10/31/2016

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total supplier refunds received	\$	\$ -
+ Interest	\$	\$ -
<hr/>		
= Refund Adjustment including interest	\$	\$ -
+ Sales for 12 months ended __ 10/31/2016	Mcf	118,954
<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 10/31/2016

Particulars	Unit	Month 1 <u>Aug-16</u>	Month 2 <u>Sep-16</u>	Month 3 <u>Oct-16</u>
Total Supply Volumes Purchased	Mcf	8,064.00	8,295.00	10,100.00
Utility Gas Management				
Total Cost of Volumes Purchased	\$	\$ 24,116.44	\$ 25,794.15	\$ 34,297.84
 Total Sales	 Mcf	 <u>7,978.40</u>	 <u>8,605.10</u>	 <u>9,595.00</u>
(may not be less than 95% of supply volumes) (G8*0.95)				
= Unit Cost of Gas	\$/Mcf	\$ 3.0227	\$ 2.9975	\$ 3.5746
 - EGC in effect for month	 \$/Mcf	 <u>\$ 2.8572</u>	 <u>\$ 2.8572</u>	 <u>\$ 3.3085</u>
 = Difference [(Over-)/Under-Recovery]	 \$/Mcf	 \$ 0.1655	 \$ 0.1403	 \$ 0.2661
 x Actual sales during month	 Mcf	 <u>7,978.40</u>	 <u>8,605.10</u>	 <u>9,296.70</u>
 = Monthly cost difference	 \$	 1,320.56	 1,207.66	 2,473.42
Total cost difference (Month 1 + Month 2 + Month 3)	Unit		Amount	
	\$		\$ 5,001.63	
 + Sales for 12 months ended <u>10/31/2016</u>	 Mcf		 <u>118,954</u>	
 = Actual Adjustment for the Reporting Period (to Schedule IC.)	 \$/Mcf		 \$ 0.0420	

SCHEDULE V
BALANCE ADJUSTMENT

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For the 3 month period ended 10/31/2016

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>(3,163.96)</u> Case No. 2015-00292
2 Less:	Dollars amount resulting from the AA of (0.0273) \$/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 118,954 MCF during the 12 month period the AA was in effect.		
3		\$	<u>(3,247.45)</u>
4 Equals:	Balance Adjustment for the AA.	\$	<u>83.49</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 118,954 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 118,954 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>83.49</u>
14 Divided By:	Sales for 12 months ended 10/31/2016	\$	<u>118,954</u>
15 Equals:	Balance Adjustment for the Reporting Period (to Schedule ID).	\$/MCF	<u>0.0007</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 12-1-16 DATE EFFECTIVE 1-1-17 to 3-31-17
MONTH DAY YEAR
SIGNED BY: [Signature] Manager
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 12-1-16 DATE EFFECTIVE 1-1-17 to 3-31-16
 MONTH DAY YEAR

SIGNED BY:  Manager
 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	Nov-15	25,097.29	9,844.00	1.0762	9,147.00	2.74
2	Utility Gas Management	Dec-15	30,570.47	11,290.00	1.0765	10,488.00	2.91
3	Utility Gas Management	Jan-16	43,213.93	15,949.00	1.0665	14,955.00	2.89
4	Utility Gas Management	Feb-16	35,838.49	14,095.00	1.0713	13,157.00	2.72
5	Utility Gas Management	Mar-16	24,071.79	12,034.00	1.0742	11,203.00	2.15
6	Utility Gas Management	Apr-16	21,905.90	10,615.00	1.0682	9,937.00	2.20
7	Utility Gas Management	May-16	20,207.31	9,566.00	1.0651	8,981.00	2.25
8	Utility Gas Management	Jun-16	18,527.17	8,612.00	1.0451	8,240.00	2.25
9	Utility Gas Management	Jul-16	23,324.92	7,872.00	1.0639	7,399.00	3.15
10	Utility Gas Management	Aug-16	24,116.44	8,577.00	1.0636	8,064.00	2.99
11	Utility Gas Management	Sep-16	25,794.15	8,816.00	1.0628	8,295.00	3.11
12	Utility Gas Management	Oct-16	34,297.84	10,710.00	1.0604	10,100.00	3.40
Total			326,965.70	127,980.00	1.0668	119,965.99	2.73

[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
(a)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
	(mcF)	(%)	(\$/mcF)	(mcF)	(mcF)	(%)	(\$)	(\$/mcF)
Utility Gas Management	8,798.07	3.81%	2.85	9,147.00	8,798	3.81%	25,097	2.85
Utility Gas Management	11,539.60	-10.03%	2.65	19,635.00	20,338	-3.58%	55,668	2.74
Utility Gas Management	14,433.30	3.49%	2.99	34,590.00	34,771	-0.52%	98,882	2.84
Utility Gas Management	13,066.70	0.69%	2.74	47,747.00	47,838	-0.19%	134,720	2.82
Utility Gas Management	10,680.80	4.66%	2.25	58,950.00	58,518	0.73%	158,792	2.71
Utility Gas Management	10,279.60	-3.45%	2.13	68,887.00	68,798	0.13%	180,698	2.63
Utility Gas Management	8,717.10	2.94%	2.32	77,867.99	77,515	0.45%	200,905	2.59
Utility Gas Management	7,889.70	4.25%	2.35	86,107.99	85,405	0.82%	219,432	2.57
Utility Gas Management	7,669.20	-3.65%	3.04	93,506.99	93,074	0.46%	242,757	2.61
Utility Gas Management	7,978.40	1.06%	3.02	101,570.99	101,052	0.51%	266,874	2.64
Utility Gas Management	8,605.10	-3.74%	3.00	109,865.98	109,658	0.19%	292,668	2.67
Utility Gas Management	9,296.70	7.95%	3.69	119,965.99	118,954	0.84%	326,966	2.75
Total	118,954.27	0.84%	2.75	119,965.99	118,954.27	0.84%	326,966	2.75

[1] Losses are based on :

Meador, Wendy

From: Ron Ragan <ron@utilitygas.com>
Sent: Tuesday, November 15, 2016 2:40 PM
To: Meador, Wendy
Subject: RE: futures estimate

Jan - \$3.00
Feb - \$2.95
Mar \$2.90

3.00 Jan
2.95 Feb
2.90 March

8.85 / 3 = 2.95 Average

Sincerely,
Ron Ragan
Utility Gas Management
Phone (913) 515-2994
Fax (913) 730-8667
Email - ron@utilitygas.com
web - www.utilitygas.com

2.95 Average
.08 management fee
.210 transport fee
Sees charged to us by out supplier

From: Meador, Wendy [<mailto:wendym@wrecc.com>]
Sent: Tuesday, November 15, 2016 2:39 PM
To: Ron Ragan
Subject: futures estimate

\$ 3.240

Ron

I am working on our next Gas Cost Adjustment for the KY PSC. Can you please send me the Nymex futures estimate for the quarter of: Jan 2017, Feb 2017 and March 2017

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



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