



698 Morgantown Rd  
Franklin KY 42134  
Phone: (270) 586-3443  
Emergency: 1-888-281-9133  
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August 27, 2021

Linda C Bridwell  
Executive Director  
PO Box 615 / 211 Sower Blvd.  
Frankfort, KY 40602

RE: Case #            Gas Cost Adjustment Report

Dear Ms. Bridwell:

The following document is Millennium Energy's Gas Cost Adjustment Report for the quarter of October 1, 2021 to December 31, 2021. This GCA has been appointed case number 2021-00321 as of August 11, 2021.

We also request that correspondence regarding this GCA be emailed to myself at [pattyk@wrecc.com](mailto:pattyk@wrecc.com) as well as Wendy Meador at [wendym@wrecc.com](mailto:wendym@wrecc.com)

Sincerely,

A handwritten signature in black ink that reads "Patty Kantosky". The signature is written in a cursive, flowing style.

Patty Kantosky  
V.P. of Member Services

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

Date Filed: **27-Aug-21**

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Date Rates to be Effective: **October 1, 2021 to December 31, 2021**

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Reporting Period is Calendar Quarter Ended: **April 1, 2021 to June 30, 2021**

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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      | 5.0037          |
| + Refund Adjustment (RA)       | \$/Mcf      | -               |
| + Actual Adjustment (AA)       | \$/Mcf      | (0.4597)        |
| + Balance Adjustment (BA)      | \$/Mcf      | <u>(0.0122)</u> |
| = Gas Cost Recovery Rate (GCR) | \$/Mcf      | 4.5318          |

GCR to be effective for service rendered from: **10-01-21 to 12-31-21**

| <u>A. EXPECTED GAS COST CALCULATION</u>                | <u>Unit</u> | <u>Amount</u>     |
|--|-------------|-------------------|
| Total Expected Gas Cost (Schedule II)                  | \$          | 605,856.88        |
| + Sales for the 12 months ended <b><u>06/30/21</u></b> | Mcf         | <u>121,082.00</u> |
| - Expected Gas Cost (EGC)                              | \$/Mcf      | 5.0037            |

| <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      | \$ (0.1353)        |
| + Previous Quarter Reported Actual Adjustment            | \$/Mcf      | \$ (0.1810)        |
| + Second Previous Quarter Reported Actual Adjustment     | \$/Mcf      | \$ (0.0852)        |
| + Third Previous Quarter Reported Actual Adjustment      | \$/Mcf      | <u>\$ (0.0582)</u> |
| =Actual Adjustment (AA)                                  | \$/Mcf      | \$ (0.4597)        |

| <u>D. BALANCE ADJUSTMENT CALCULATION</u>                 | <u>Unit</u> | <u>Amount</u>      |
|--|-------------|--------------------|
| Balance Adjustment for the Reporting Period (Schedule V) | \$/Mcf      | \$ (0.0058)        |
| + Previous Quarter Reported Balance Adjustment           | \$/Mcf      | \$ (0.0004)        |
| + Second Previous Quarter Reported Balance Adjustment    | \$/Mcf      | \$ (0.0057)        |
| + Third Previous Quarter Reported Balance Adjustment     | \$/Mcf      | <u>\$ (0.0003)</u> |
| =Balance Adjustment (BA)                                 | \$/Mcf      | \$ (0.0122)        |

SCHEDULE II  
EXPECTED GAS COST

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| Actual* Mcf Purchase for 12 months ended |            |           | 06/30/21   |         |                   |
|--|------------|-----------|------------|---------|-------------------|
| (1)                                      | (2)        | (3)       | (4)        | (5)     | (6)               |
| Supplier                                 | Dth        | Heat Rate | Mcf        | Rate    | (2) x (5)<br>Cost |
| Jul-20 Utility Gas Management            | 7,502.00   | 1.0595    | 7,081.00   | 4.49000 | 33,683.98         |
| Aug-20 Utility Gas Management            | 8,025.00   | 1.0602    | 7,569.00   | 4.49000 | 36,032.25         |
| Sep-20 Utility Gas Management            | 8,532.00   | 1.0600    | 8,049.00   | 4.49000 | 38,308.68         |
| Oct-20 Utility Gas Management            | 10,546.00  | 1.0639    | 9,913.00   | 4.49000 | 47,351.54         |
| Nov-20 Utility Gas Management            | 11,388.00  | 1.0600    | 10,743.00  | 4.49000 | 51,132.12         |
| Dec-20 Utility Gas Management            | 14,820.00  | 1.0599    | 13,982.00  | 4.49000 | 66,541.80         |
| Jan-21 Utility Gas Management            | 16,017.00  | 1.0583    | 15,135.00  | 4.49000 | 71,916.33         |
| Feb-21 Utility Gas Management            | 15,591.00  | 1.0569    | 14,752.00  | 4.49000 | 70,003.59         |
| Mar-21 Utility Gas Management            | 13,427.00  | 1.0567    | 12,706.00  | 4.49000 | 60,287.23         |
| Apr-21 Utility Gas Management            | 11,581.00  | 1.0570    | 10,957.00  | 4.49000 | 51,998.69         |
| May-21 Utility Gas Management            | 9,690.00   | 1.0567    | 9,170.00   | 4.49000 | 43,508.10         |
| Jun-21 Utility Gas Management            | 8,177.00   | 1.0566    | 7,739.00   | 4.49000 | 36,714.73         |
| Totals                                   | 135,296.00 | 1.0587    | 127,795.99 | 4.49000 | 607,479.04        |

Line losses are 5.25% for 12 months ended 6/30/2021 based on purchases of  
 127,795.99 Mcf and sales of 121,082.00 Mcf.

|  | Unit                     | Amount            |
|--|--------------------------|-------------------|
| Total Expected Cost of Purchases (6) (to Schedule IA.) | \$                       | \$ 607,479.04     |
|  | Mcf                      | <u>127,795.99</u> |
| = Average Expected Cost Per Mcf Purchased              | \$/Mcf                   | \$ 4.7535         |
| Plus: Expected Losses of (not to exceed 5%)            | Mcf                      | 127,454.74        |
| = Total Expected Gas Cost                              | \$(J32*J33 if line loss) | \$ 605,856.88     |
| Allowable Sales (maximum losses of 5%).                |                          | 607,479.04        |

\*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 6/30/2021

| <u>Particulars</u>  | <u>Unit</u> | <u>Amount</u> |
|---|-------------|---------------|
| Total supplier refunds received   | \$          | \$ -          |
| + Interest  | \$          | \$ -          |
| <hr/>   |             |               |
| = Refund Adjustment including interest                                    | \$          | \$ -          |
| + Sales for 12 months ended 6/30/2021                                     | Mcf         | 121,082       |
| <hr/>   |             |               |
| =Supplier Refund Adjustment for the Reporting Period<br>(to Schedule IB.) | \$/Mcf      | \$ -          |

SCHEDULE IV  
ACTUAL ADJUSTMENT

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For the 3 month period ended\_ 6/30/2021

| <u>Particulars</u>                                       | <u>Unit</u> | Month 1<br><u>Apr-21</u> | Month 2<br><u>May-21</u> | Month 3<br><u>Jun-21</u> |
|--|-------------|--------------------------|--------------------------|--------------------------|
| Total Supply Volumes Purchased                           | Mcf         | 10,957.00                | 9,170.00                 | 7,739.00                 |
| Utility Gas Management                                   |             |                          |                          |                          |
| Total Cost of Volumes Purchased                          | \$          | \$ 31,407.38             | \$ 27,205.13             | \$ 24,883.16             |
| <br>Total Sales  | <br>Mcf     | <br><u>11,059.10</u>     | <br><u>9,252.60</u>      | <br><u>7,667.60</u>      |
| (may not be less than 95% of<br>supply volume (G8*0.95)) |             |                          |                          |                          |
| <hr/> = Unit Cost of Gas                                 | \$/Mcf      | \$ 2.8400                | \$ 2.9403                | \$ 3.2452                |
| <br>- EGC in effect for month                            | <br>\$/Mcf  | <br><u>\$ 3.5695</u>     | <br><u>\$ 3.5695</u>     | <br><u>\$ 3.5695</u>     |
| <hr/> = Difference<br>[ (Over-)/Under-Recovery]          | \$/Mcf      | \$ (0.7295)              | \$ (0.6292)              | \$ (0.3243)              |
| <br>x Actual sales during month                          | <br>Mcf     | <br><u>11,059.10</u>     | <br><u>9,252.60</u>      | <br><u>7,667.60</u>      |
| <hr/> = Monthly cost difference                          | \$          | (8,068.08)               | (5,822.03)               | (2,486.34)               |

|   | <u>Apr-21</u> | <u>May-21</u> | <u>Jun-21</u> | <u>Unit</u> | <u>Amount</u>  |
|---|---------------|---------------|---------------|-------------|----------------|
| Total cost difference (Month 1 + Month 2 + Month 3)                   |               |               |               | \$          | \$ (16,376.44) |
| <br>+ Sales for 12 months ended <u>6/30/2021</u>                      |               |               |               | Mcf         | <u>121,082</u> |
| <br>= Actual Adjustment for the Reporting Period<br>(to Schedule IC.) |               |               |               | \$/Mcf      | \$ (0.1353)    |

SCHEDULE V  
BALANCE ADJUSTMENT

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For the 3 month period ended 6/30/2021

| 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   | (Schedule IV - Line H30)   | \$     | <u>(34,330.69)</u>                                 |
|   |  |        | Case No. <u>2020-00166</u><br>07-01-20 to 09-30-20 |
| 2 Less:   | Dollars amount resulting from the AA of <span style="margin-left: 100px;">(0.2775)</span> \$/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 <span style="margin-left: 50px;">121,082</span> MCF during the 12 month period the AA was in effect. |        |  |
| 3   |  | \$     | <u>(33,600.26)</u>                                 |
| 4 Equals:   | Balance Adjustment for the AA.   | \$     | <u>(730.43)</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 <span style="margin-left: 100px;">-</span> \$/MCF as used to compute the OCR in effect four quarters prior to the effective GCR times the sales of <span style="margin-left: 50px;">121,082</span> 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   | (Schedule V - Line 13/Cell K43)  | \$     | <u>1,367.54</u>                                    |
|   |  |        | Case No. <u>2020-00166</u><br>07-01-20 to 09-30-20 |
| 10 Less:  | Dollar amount resulting from the BA of <span style="margin-left: 100px;">0.0111</span> \$/MCF four quarters prior to the effective date of the currently effective GCR times the sales of <span style="margin-left: 50px;">121,082</span> MCF during the 12 month period the BA was in effect.   |        |  |
| 11  |  | \$     | <u>1,344.01</u>                                    |
| 12 Equals:  | Balance Adjustment for the BA.   | \$     | <u>23.53</u>                                       |
| 13  | Total Balance Adjustment Amount (1) + (2) + (3)  | \$     | <u>(706.91)</u>                                    |
| 14 Divided By Sales for 12 months ended <span style="margin-left: 50px;">6/30/2021</span> |  | \$     | <u>121,082</u>                                     |
| 15 Equals:  | Balance Adjustment for the Reporting Period (to Schedule ID).  | \$/MCF | <u>(0.0058)</u>                                    |

**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 | Jul-20                           | 12,629.80         | 7,502.00              | 1.0595             | 7,081.00          | 1.78               |
| 2       | Utility Gas Management | Aug-20                           | 15,277.04         | 8,025.00              | 1.0602             | 7,569.00          | 2.02               |
| 3       | Utility Gas Management | Sep-20                           | 20,619.89         | 8,532.00              | 1.0600             | 8,049.00          | 2.56               |
| 4       | Utility Gas Management | Oct-20                           | 23,072.95         | 10,546.00             | 1.0639             | 9,913.00          | 2.33               |
| 5       | Utility Gas Management | Nov-20                           | 35,511.26         | 11,388.00             | 1.0600             | 10,743.00         | 3.31               |
| 6       | Utility Gas Management | Dec-20                           | 39,949.76         | 14,820.00             | 1.0599             | 13,982.00         | 2.86               |
| 7       | Utility Gas Management | Jan-21                           | 39,719.81         | 16,017.00             | 1.0583             | 15,135.00         | 2.62               |
| 8       | Utility Gas Management | Feb-21                           | 42,286.15         | 15,591.00             | 1.0569             | 14,752.00         | 2.87               |
| 9       | Utility Gas Management | Mar-21                           | 40,463.44         | 13,427.00             | 1.0567             | 12,706.00         | 3.18               |
| 10      | Utility Gas Management | Apr-21                           | 31,407.38         | 11,581.00             | 1.0570             | 10,957.00         | 2.87               |
| 11      | Utility Gas Management | May-21                           | 27,205.13         | 9,690.00              | 1.0567             | 9,170.00          | 2.97               |
| 12      | Utility Gas Management | Jun-21                           | 24,883.16         | 8,177.00              | 1.0566             | 7,739.00          | 3.22               |
|         | <b>Total</b>           |                                  | <b>353,025.77</b> | <b>135,296.00</b>     | <b>1.0587</b>      | <b>127,795.99</b> | <b>2.76</b>        |

[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)                    | (mcF)             | (%)          | (\$/mcF)    | (mcF)                | (mcF)             | (%)          | (\$)           | (\$/mcF)    |
|                        | (h)               | (i)          | (j)         | (k)                  | (l)               | (m)          | (n)            | (o)         |
| Utility Gas Management | 6,453.10          | 8.87%        | 1.96        | 7,081.00             | 6,453             | 8.87%        | 12,630         | 1.96        |
| Utility Gas Management | 7,569.40          | -0.01%       | 2.02        | 14,650.00            | 14,023            | 4.28%        | 27,907         | 1.99        |
| Utility Gas Management | 7,658.90          | 4.85%        | 2.69        | 22,699.00            | 21,681            | 4.48%        | 48,527         | 2.24        |
| Utility Gas Management | 9,759.30          | 1.55%        | 2.36        | 32,612.00            | 31,441            | 3.59%        | 71,600         | 2.28        |
| Utility Gas Management | 9,857.10          | 8.25%        | 3.60        | 43,355.00            | 41,298            | 4.75%        | 107,111        | 2.59        |
| Utility Gas Management | 13,185.90         | 5.69%        | 3.03        | 57,337.00            | 54,484            | 4.98%        | 147,061        | 2.70        |
| Utility Gas Management | 15,104.20         | 0.20%        | 2.63        | 72,472.00            | 69,588            | 3.98%        | 186,781        | 2.68        |
| Utility Gas Management | 14,533.60         | 1.48%        | 2.91        | 87,224.00            | 84,122            | 3.56%        | 229,067        | 2.72        |
| Utility Gas Management | 8,981.20          | 29.32%       | 4.51        | 99,929.99            | 93,103            | 6.83%        | 269,530        | 2.89        |
| Utility Gas Management | 11,059.10         | -0.93%       | 2.84        | 110,886.99           | 104,162           | 6.06%        | 300,937        | 2.89        |
| Utility Gas Management | 9,252.60          | -0.90%       | 2.94        | 120,056.99           | 113,414           | 5.53%        | 328,143        | 2.89        |
| Utility Gas Management | <u>7,667.60</u>   | <u>0.92%</u> | <u>3.25</u> | <u>127,795.99</u>    | <u>121,082</u>    | <u>5.25%</u> | <u>353,026</u> | <u>2.92</u> |
| <b>Total</b>           | <b>121,082.00</b> | <b>5.25%</b> | <b>2.92</b> | <b>127,795.99</b>    | <b>121,082.00</b> | <b>5.25%</b> | <b>353,026</b> | <b>2.92</b> |

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

**Meador, Wendy**

**From:** Ron Ragan <ron@utilitygas.com>  
**Sent:** Tuesday, August 10, 2021 3:49 PM  
**To:** Meador, Wendy  
**Subject:** 'EXTERNAL' RE: Estimated futures

**CAUTION!!! This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe!**

You won't like these numbers!

October - \$4.12  
November - \$4.19  
December - \$4.30

Ron Ragan  
Utility Gas Management  
PH (913) 515-2994  
Fax (913) 730-8667  
Email – [ron@utilitygas.com](mailto:ron@utilitygas.com)  
[www.utilitygas.com](http://www.utilitygas.com)

October \$4.12  
November \$4.19  
December \$4.30  

---

\$12.61 / 3 = \$4.20  
Q3 month Average

**From:** Meador, Wendy <wendym@wrecc.com>  
**Sent:** Tuesday, August 10, 2021 3:23 PM  
**To:** Ron Ragan <ron@utilitygas.com>  
**Subject:** Estimated futures

Ron

\$4.20 Average  
0.08 Management See  
0.210 transport See <sup>our</sup> suppliers fees charged to us  

---

\$4.49

I'm working on my next Gas Cost Adjustment Report for the KY PSC.

I need the estimated Nymex futures for the quarter of: October, November and December 2021 please

Thanks

Wendy Meador  
Member Service Supervisor  
Franklin Office  
698 Morgantown Rd  
Franklin KY 42134  
[wendym@wrecc.com](mailto:wendym@wrecc.com)  
Office Phone: 270-842-5214, Ext. 3004  
Fax: 270-393-2615

Schedule 11 - EGC Rate (5)  
Estimate = \$4.49



**NOTICE OF ELECTION OF USE OF ELECTRONIC FILING PROCEDURES**

(Complete All Shaded Areas and Check Applicable Boxes)

In accordance with 807 KAR 5:001, Section 8, Millennium Energy Inc gives notice of its intent to file an application for Gas Cost Adjustment with the Public Service Commission no later than August 31, 2021 and to use the electronic filing procedures set forth in that regulation.

Millennium Energy Inc further states that:

- |  | Yes                                 | No                                  |
|--|-------------------------------------|-------------------------------------|
| 1. It requests that the Public Service Commission assign a case number to the intended application and advise it of that number as soon as possible;   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 2. It or its authorized representatives have registered with the Public Service Commission and are authorized to make electronic filings with the Public Service Commission;   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 3. Neither it nor its authorized representatives have registered with the Public Service Commission for authorization to make electronic filings but will do so no later than seven days before the date of its filing of its application for rate adjustment; | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. It or its authorized agents possess the facilities to receive electronic transmissions;   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 5. The following persons are authorized to make filings on its behalf and to receive electronic service of Public Service Commission orders and any pleadings filed by any party or the Public Service Commission Staff:                                       |                                     |                                     |

| Name                  | Electronic Mail Address  |
|-----------------------|--------------------------|
| <u>Wendy Meador</u>   | <u>wendym@wkecc.com</u>  |
| <u>Patty Kantosky</u> | <u>patty.k@wkecc.com</u> |
|                       |                          |

6. It and its authorized representatives listed above have read and understand the procedures for electronic filing set forth in 807 KAR 5:001 and will fully comply with those procedures unless the Public Service Commission directs otherwise.

Signed Wendy Meador  
 Name: Wendy Meador  
 Title: Member Service Supervisor  
 Address: 1098 Morgantown Rd  
#Franklin KY 42134  
 Telephone Number: 270-586-3443 ext 3004

Andy Beshear  
Governor

Rebecca W. Goodman  
Secretary  
Energy and Environment Cabinet



Commonwealth of Kentucky  
**Public Service Commission**

211 Sower Blvd.  
P.O. Box 615  
Frankfort Kentucky 40602-0615  
Telephone: (502) 564-3940  
Fax: (502) 564-3460  
psc.ky.gov

Kent A. Chandler  
Chairman

Amy D. Cabbage  
Vice Chairman

Talina R. Mathews  
Commissioner

August 11, 2021

**PARTIES OF RECORD**

RE: Case No. **2021-00321**

Millennium Energy, Inc.  
(Purchased Gas Adjustment)

This letter is to acknowledge receipt of notice of election of use of electronic filing procedures to file an application in the above case. The notice was date-stamped received August 11, 2021, and has been assigned Case No. 2021-00321. In all future correspondence or filings in connection with this case, please reference the above case number.

All documents submitted to the Commission in this proceeding must comply with the rules of procedure adopted by the Commission found in 807 KAR 5:001. Any deviation from these rules must be submitted in writing to the Commission for consideration. Additionally, confidential treatment of any material submitted must follow the requirements found in 807 KAR 5:001 (13).

Materials submitted to the Commission which do not comply with the rules of procedure, or that do not have an approved deviation, are subject to rejection by Commission pursuant to 807 KAR 5:001 (3). In order to insure cases are processed in a timely manner and accurate reliable records are created, please make sure that the rules of procedure are followed. Should you have any questions, please contact Brandon Bruner in the Filings Branch at 502-564-3940.

Sincerely,

A handwritten signature in blue ink that reads "Linda C. Bridwell".

Linda C. Bridwell  
Executive Director

LCB/AH