



825 Rice Street  
Saint Paul, MN 55117

November 27, 2023

Steve Kahl, Executive Secretary  
North Dakota Public Service Commission  
State Capitol Building, Dept. 408  
600 East Boulevard  
Bismarck, ND 58505-0480

SUBJECT: Xcel Energy Gas Heating Values Report

Dear Mr. Kahl:

Enclosed with this letter are Xcel Energy's natural gas heating value reports for October 2023 as required by N.D. PU-23-13.

Due to recent reconfiguration of RTU inputs at the Mapleton TBS, Xcel Energy no longer has direct access to WBI BTU values. The daily average we are reporting is taken from the WBI website. The daily and monthly BTU data averages should be statistically the same as previous, but hourly data is no longer available to report.

If you need further information or clarification regarding the enclosed response, please contact Lisa Kallberg at 651-788-0648.

A handwritten signature in black ink that reads 'Jeffrey Cremin'.

Jeffrey Cremin, Manager Gas Standards Xcel Energy

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time       | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|-----------------|------------------------------------|---------|--|---------|---------------|
|                 | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/1/2023 0:00  | 1040                               | 1041    |  |         | 1204          |
| 10/1/2023 1:00  | 1040                               | 1040    |  |         | 1204          |
| 10/1/2023 2:00  | 1039                               | 1040    |  |         | 1204          |
| 10/1/2023 3:00  | 1039                               | 1039    |  |         | 1204          |
| 10/1/2023 4:00  | 1039                               | 1039    |  |         | 1204          |
| 10/1/2023 5:00  | 1039                               | 1039    |  |         | 1204          |
| 10/1/2023 6:00  | 1039                               | 1039    |  |         | 1204          |
| 10/1/2023 7:00  | 1039                               | 1039    |  |         | 1204          |
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| 10/1/2023 9:00  | 1039                               | 1039    |  |         | 1204          |
| 10/1/2023 10:00 | 1039                               | 1039    |  |         | 1204          |
| 10/1/2023 11:00 | 1039                               | 1040    |  |         | 1204          |
| 10/1/2023 12:00 | 1040                               | 1040    |  |         | 1204          |
| 10/1/2023 13:00 | 1040                               | 1040    |  |         | 1204          |
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| 10/1/2023 15:00 | 1040                               | 1040    |  |         | 1204          |
| 10/1/2023 16:00 | 1040                               | 1040    |  |         | 1204          |
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| 10/1/2023 19:00 | 1040                               | 1040    |  |         | 1204          |
| 10/1/2023 20:00 | 1040                               | 1040    |  |         | 1204          |
| 10/1/2023 21:00 | 1040                               | 1040    |  |         | 1204          |
| 10/1/2023 22:00 | 1040                               | 1040    |  |         | 1204          |
| 10/1/2023 23:00 | 1040                               | 1041    |  |         | 1204          |
| 10/2/2023 0:00  | 1041                               | 1041    |  |         | 1204          |
| 10/2/2023 1:00  | 1041                               | 1041    |  |         | 1203          |
| 10/2/2023 2:00  | 1041                               | 1041    |  |         | 1203          |
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| 10/2/2023 6:00  | 1041                               | 1041    |  |         | 1203          |
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| 10/2/2023 10:00 | 1041                               | 1041    |  |         | 1203          |
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| 10/2/2023 12:00 | 1041                               | 1041    |  |         | 1203          |
| 10/2/2023 13:00 | 1040                               | 1041    |  |         | 1203          |
| 10/2/2023 14:00 | 1040                               | 1040    |  |         | 1203          |
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| 10/2/2023 16:00 | 1040                               | 1041    |  |         | 1203          |
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| 10/2/2023 22:00 | 1040                               | 1040    |  |         | 1203          |
| 10/2/2023 23:00 | 1040                               | 1040    |  |         | 1203          |
| 10/3/2023 0:00  | 1040                               | 1040    |  |         | 1203          |
| 10/3/2023 1:00  | 1039                               | 1040    |  |         | 1199          |
| 10/3/2023 2:00  | 1039                               | 1039    |  |         | 1199          |
| 10/3/2023 3:00  | 1039                               | 1040    |  |         | 1199          |
| 10/3/2023 4:00  | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 5:00  | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 6:00  | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 7:00  | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 8:00  | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 9:00  | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 10:00 | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 11:00 | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 12:00 | 1040                               | 1040    |  |         | 1199          |
| 10/3/2023 13:00 | 1040                               | 1040    |  |         | 1199          |
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**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time       | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|-----------------|------------------------------------|---------|--|---------|---------------|
|                 | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/4/2023 0:00  | 1040                               | 1040    |  |         | 1199          |
| 10/4/2023 1:00  | 1040                               | 1040    |  |         | 1205          |
| 10/4/2023 2:00  | 1040                               | 1040    |  |         | 1205          |
| 10/4/2023 3:00  | 1040                               | 1040    |  |         | 1205          |
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| 10/4/2023 22:00 | 1040                               | 1040    |  |         | 1205          |
| 10/4/2023 23:00 | 1040                               | 1040    |  |         | 1205          |
| 10/5/2023 0:00  | 1040                               | 1040    |  |         | 1205          |
| 10/5/2023 1:00  | 1040                               | 1040    |  |         | 1201          |
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| 10/6/2023 0:00  | 1040                               | 1040    |  |         | 1201          |
| 10/6/2023 1:00  | 1040                               | 1040    |  |         | 1206          |
| 10/6/2023 2:00  | 1040                               | 1040    |  |         | 1206          |
| 10/6/2023 3:00  | 1040                               | 1040    |  |         | 1206          |
| 10/6/2023 4:00  | 1040                               | 1040    |  |         | 1206          |
| 10/6/2023 5:00  | 1040                               | 1040    |  |         | 1206          |
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| 10/6/2023 10:00 | 1040                               | 1041    |  |         | 1206          |
| 10/6/2023 11:00 | 1041                               | 1041    |  |         | 1206          |
| 10/6/2023 12:00 | 1041                               | 1042    |  |         | 1206          |
| 10/6/2023 13:00 | 1042                               | 1042    |  |         | 1206          |
| 10/6/2023 14:00 | 1042                               | 1042    |  |         | 1206          |
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| 10/6/2023 21:00 | 1042                               | 1042    |  |         | 1206          |
| 10/6/2023 22:00 | 1042                               | 1043    |  |         | 1206          |
| 10/6/2023 23:00 | 1043                               | 1043    |  |         | 1206          |

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**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time       | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|-----------------|------------------------------------|---------|--|---------|---------------|
|                 | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/7/2023 0:00  | 1043                               | 1043    |  |         | 1206          |
| 10/7/2023 1:00  | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 2:00  | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 3:00  | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 4:00  | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 5:00  | 1043                               | 1044    |  |         | 1216          |
| 10/7/2023 6:00  | 1044                               | 1044    |  |         | 1216          |
| 10/7/2023 7:00  | 1044                               | 1044    |  |         | 1216          |
| 10/7/2023 8:00  | 1044                               | 1044    |  |         | 1216          |
| 10/7/2023 9:00  | 1043                               | 1044    |  |         | 1216          |
| 10/7/2023 10:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 11:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 12:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 13:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 14:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 15:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 16:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 17:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 18:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 19:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 20:00 | 1043                               | 1043    |  |         | 1216          |
| 10/7/2023 21:00 | 1043                               | 1044    |  |         | 1216          |
| 10/7/2023 22:00 | 1044                               | 1044    |  |         | 1216          |
| 10/7/2023 23:00 | 1044                               | 1044    |  |         | 1216          |
| 10/8/2023 0:00  | 1044                               | 1044    |  |         | 1216          |
| 10/8/2023 1:00  | 1044                               | 1044    |  |         | 1206          |
| 10/8/2023 2:00  | 1044                               | 1044    |  |         | 1206          |
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| 10/8/2023 22:00 | 1044                               | 1045    |  |         | 1206          |
| 10/8/2023 23:00 | 1045                               | 1045    |  |         | 1206          |
| 10/9/2023 0:00  | 1044                               | 1045    |  |         | 1206          |
| 10/9/2023 1:00  | 1044                               | 1045    |  |         | 1201          |
| 10/9/2023 2:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 3:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 4:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 5:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 6:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 7:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 8:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 9:00  | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 10:00 | 1045                               | 1045    |  |         | 1201          |
| 10/9/2023 11:00 | 1045                               | 1046    |  |         | 1201          |
| 10/9/2023 12:00 | 1046                               | 1046    |  |         | 1201          |
| 10/9/2023 13:00 | 1046                               | 1046    |  |         | 1201          |
| 10/9/2023 14:00 | 1046                               | 1046    |  |         | 1201          |
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**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/10/2023 0:00  | 1046                               | 1046    |  |         | 1201          |
| 10/10/2023 1:00  | 1046                               | 1046    |  |         | 1203          |
| 10/10/2023 2:00  | 1046                               | 1046    |  |         | 1203          |
| 10/10/2023 3:00  | 1045                               | 1046    |  |         | 1203          |
| 10/10/2023 4:00  | 1045                               | 1045    |  |         | 1203          |
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| 10/10/2023 22:00 | 1045                               | 1045    |  |         | 1203          |
| 10/10/2023 23:00 | 1045                               | 1045    |  |         | 1203          |
| 10/11/2023 0:00  | 1045                               | 1045    |  |         | 1203          |
| 10/11/2023 1:00  | 1044                               | 1045    |  |         | 1195          |
| 10/11/2023 2:00  | 1043                               | 1044    |  |         | 1195          |
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| 10/11/2023 4:00  | 1040                               | 1041    |  |         | 1195          |
| 10/11/2023 5:00  | 1039                               | 1040    |  |         | 1195          |
| 10/11/2023 6:00  | 1039                               | 1039    |  |         | 1195          |
| 10/11/2023 7:00  | 1039                               | 1039    |  |         | 1195          |
| 10/11/2023 8:00  | 1039                               | 1039    |  |         | 1195          |
| 10/11/2023 9:00  | 1039                               | 1040    |  |         | 1195          |
| 10/11/2023 10:00 | 1040                               | 1041    |  |         | 1195          |
| 10/11/2023 11:00 | 1041                               | 1041    |  |         | 1195          |
| 10/11/2023 12:00 | 1041                               | 1042    |  |         | 1195          |
| 10/11/2023 13:00 | 1042                               | 1042    |  |         | 1195          |
| 10/11/2023 14:00 | 1042                               | 1042    |  |         | 1195          |
| 10/11/2023 15:00 | 1042                               | 1042    |  |         | 1195          |
| 10/11/2023 16:00 | 1042                               | 1042    |  |         | 1195          |
| 10/11/2023 17:00 | 1042                               | 1042    |  |         | 1195          |
| 10/11/2023 18:00 | 1042                               | 1042    |  |         | 1195          |
| 10/11/2023 19:00 | 1041                               | 1042    |  |         | 1195          |
| 10/11/2023 20:00 | 1041                               | 1041    |  |         | 1195          |
| 10/11/2023 21:00 | 1041                               | 1041    |  |         | 1195          |
| 10/11/2023 22:00 | 1041                               | 1041    |  |         | 1195          |
| 10/11/2023 23:00 | 1040                               | 1041    |  |         | 1195          |
| 10/12/2023 0:00  | 1040                               | 1040    |  |         | 1195          |
| 10/12/2023 1:00  | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 2:00  | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 3:00  | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 4:00  | 1039                               | 1040    |  |         | 1203          |
| 10/12/2023 5:00  | 1039                               | 1039    |  |         | 1203          |
| 10/12/2023 6:00  | 1039                               | 1039    |  |         | 1203          |
| 10/12/2023 7:00  | 1039                               | 1040    |  |         | 1203          |
| 10/12/2023 8:00  | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 9:00  | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 10:00 | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 11:00 | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 12:00 | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 13:00 | 1040                               | 1040    |  |         | 1203          |
| 10/12/2023 14:00 | 1040                               | 1041    |  |         | 1203          |
| 10/12/2023 15:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 16:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 17:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 18:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 19:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 20:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 21:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 22:00 | 1041                               | 1041    |  |         | 1203          |
| 10/12/2023 23:00 | 1041                               | 1041    |  |         | 1203          |

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/13/2023 0:00  | 1041                               | 1041    |  |         | 1203          |
| 10/13/2023 1:00  | 1041                               | 1041    |  |         | 1206          |
| 10/13/2023 2:00  | 1041                               | 1041    |  |         | 1206          |
| 10/13/2023 3:00  | 1041                               | 1041    |  |         | 1206          |
| 10/13/2023 4:00  | 1041                               | 1041    |  |         | 1206          |
| 10/13/2023 5:00  | 1041                               | 1041    |  |         | 1206          |
| 10/13/2023 6:00  | 1041                               | 1041    |  |         | 1206          |
| 10/13/2023 7:00  | 1040                               | 1041    |  |         | 1206          |
| 10/13/2023 8:00  | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 9:00  | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 10:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 11:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 12:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 13:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 14:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 15:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 16:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 17:00 | 1040                               | 1040    |  |         | 1206          |
| 10/13/2023 18:00 | 1039                               | 1040    |  |         | 1206          |
| 10/13/2023 19:00 | 1039                               | 1039    |  |         | 1206          |
| 10/13/2023 20:00 | 1039                               | 1039    |  |         | 1206          |
| 10/13/2023 21:00 | 1039                               | 1040    |  |         | 1206          |
| 10/13/2023 22:00 | 1040                               | 1041    |  |         | 1206          |
| 10/13/2023 23:00 | 1041                               | 1041    |  |         | 1206          |
| 10/14/2023 0:00  | 1040                               | 1041    |  |         | 1206          |
| 10/14/2023 1:00  | 1039                               | 1040    |  |         | 1202          |
| 10/14/2023 2:00  | 1038                               | 1039    |  |         | 1202          |
| 10/14/2023 3:00  | 1038                               | 1038    |  |         | 1202          |
| 10/14/2023 4:00  | 1038                               | 1039    |  |         | 1202          |
| 10/14/2023 5:00  | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 6:00  | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 7:00  | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 8:00  | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 9:00  | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 10:00 | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 11:00 | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 12:00 | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 13:00 | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 14:00 | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 15:00 | 1039                               | 1040    |  |         | 1202          |
| 10/14/2023 16:00 | 1040                               | 1040    |  |         | 1202          |
| 10/14/2023 17:00 | 1040                               | 1040    |  |         | 1202          |
| 10/14/2023 18:00 | 1040                               | 1040    |  |         | 1202          |
| 10/14/2023 19:00 | 1040                               | 1040    |  |         | 1202          |
| 10/14/2023 20:00 | 1039                               | 1040    |  |         | 1202          |
| 10/14/2023 21:00 | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 22:00 | 1039                               | 1039    |  |         | 1202          |
| 10/14/2023 23:00 | 1039                               | 1039    |  |         | 1202          |
| 10/15/2023 0:00  | 1039                               | 1039    |  |         | 1202          |
| 10/15/2023 1:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 2:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 3:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 4:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 5:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 6:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 7:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 8:00  | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 9:00  | 1038                               | 1039    |  |         | 1205          |
| 10/15/2023 10:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 11:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 12:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 13:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 14:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 15:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 16:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 17:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 18:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 19:00 | 1038                               | 1038    |  |         | 1205          |
| 10/15/2023 20:00 | 1038                               | 1039    |  |         | 1205          |
| 10/15/2023 21:00 | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 22:00 | 1039                               | 1039    |  |         | 1205          |
| 10/15/2023 23:00 | 1039                               | 1040    |  |         | 1205          |

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/16/2023 0:00  | 1040                               | 1040    |  |         | 1205          |
| 10/16/2023 1:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 2:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 3:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 4:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 5:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 6:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 7:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 8:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 9:00  | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 10:00 | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 11:00 | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 12:00 | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 13:00 | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 14:00 | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 15:00 | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 16:00 | 1040                               | 1040    |  |         | 1210          |
| 10/16/2023 17:00 | 1039                               | 1040    |  |         | 1210          |
| 10/16/2023 18:00 | 1039                               | 1039    |  |         | 1210          |
| 10/16/2023 19:00 | 1039                               | 1039    |  |         | 1210          |
| 10/16/2023 20:00 | 1038                               | 1039    |  |         | 1210          |
| 10/16/2023 21:00 | 1038                               | 1038    |  |         | 1210          |
| 10/16/2023 22:00 | 1038                               | 1038    |  |         | 1210          |
| 10/16/2023 23:00 | 1038                               | 1038    |  |         | 1210          |
| 10/17/2023 0:00  | 1038                               | 1038    |  |         | 1210          |
| 10/17/2023 1:00  | 1038                               | 1038    |  |         | 1208          |
| 10/17/2023 2:00  | 1037                               | 1038    |  |         | 1208          |
| 10/17/2023 3:00  | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 4:00  | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 5:00  | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 6:00  | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 7:00  | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 8:00  | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 9:00  | 1037                               | 1038    |  |         | 1208          |
| 10/17/2023 10:00 | 1038                               | 1038    |  |         | 1208          |
| 10/17/2023 11:00 | 1038                               | 1039    |  |         | 1208          |
| 10/17/2023 12:00 | 1039                               | 1039    |  |         | 1208          |
| 10/17/2023 13:00 | 1039                               | 1039    |  |         | 1208          |
| 10/17/2023 14:00 | 1039                               | 1039    |  |         | 1208          |
| 10/17/2023 15:00 | 1038                               | 1039    |  |         | 1208          |
| 10/17/2023 16:00 | 1038                               | 1038    |  |         | 1208          |
| 10/17/2023 17:00 | 1038                               | 1038    |  |         | 1208          |
| 10/17/2023 18:00 | 1038                               | 1038    |  |         | 1208          |
| 10/17/2023 19:00 | 1038                               | 1038    |  |         | 1208          |
| 10/17/2023 20:00 | 1037                               | 1038    |  |         | 1208          |
| 10/17/2023 21:00 | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 22:00 | 1037                               | 1037    |  |         | 1208          |
| 10/17/2023 23:00 | 1037                               | 1037    |  |         | 1208          |
| 10/18/2023 0:00  | 1037                               | 1037    |  |         | 1208          |
| 10/18/2023 1:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 2:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 3:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 4:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 5:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 6:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 7:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 8:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 9:00  | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 10:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 11:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 12:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 13:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 14:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 15:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 16:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 17:00 | 1037                               | 1038    |  |         | 1207          |
| 10/18/2023 18:00 | 1038                               | 1038    |  |         | 1207          |
| 10/18/2023 19:00 | 1038                               | 1038    |  |         | 1207          |
| 10/18/2023 20:00 | 1037                               | 1038    |  |         | 1207          |
| 10/18/2023 21:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 22:00 | 1037                               | 1037    |  |         | 1207          |
| 10/18/2023 23:00 | 1037                               | 1037    |  |         | 1207          |

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/19/2023 0:00  | 1037                               | 1037    |  |         | 1207          |
| 10/19/2023 1:00  | 1037                               | 1037    |  |         | 1212          |
| 10/19/2023 2:00  | 1037                               | 1037    |  |         | 1212          |
| 10/19/2023 3:00  | 1037                               | 1037    |  |         | 1212          |
| 10/19/2023 4:00  | 1037                               | 1038    |  |         | 1212          |
| 10/19/2023 5:00  | 1038                               | 1038    |  |         | 1212          |
| 10/19/2023 6:00  | 1038                               | 1039    |  |         | 1212          |
| 10/19/2023 7:00  | 1039                               | 1039    |  |         | 1212          |
| 10/19/2023 8:00  | 1039                               | 1039    |  |         | 1212          |
| 10/19/2023 9:00  | 1039                               | 1039    |  |         | 1212          |
| 10/19/2023 10:00 | 1039                               | 1039    |  |         | 1212          |
| 10/19/2023 11:00 | 1039                               | 1040    |  |         | 1212          |
| 10/19/2023 12:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 13:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 14:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 15:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 16:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 17:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 18:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 19:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 20:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 21:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 22:00 | 1040                               | 1040    |  |         | 1212          |
| 10/19/2023 23:00 | 1040                               | 1040    |  |         | 1212          |
| 10/20/2023 0:00  | 1040                               | 1040    |  |         | 1212          |
| 10/20/2023 1:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 2:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 3:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 4:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 5:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 6:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 7:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 8:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 9:00  | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 10:00 | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 11:00 | 1040                               | 1040    |  |         | 1208          |
| 10/20/2023 12:00 | 1040                               | 1041    |  |         | 1208          |
| 10/20/2023 13:00 | 1041                               | 1041    |  |         | 1208          |
| 10/20/2023 14:00 | 1041                               | 1041    |  |         | 1208          |
| 10/20/2023 15:00 | 1041                               | 1041    |  |         | 1208          |
| 10/20/2023 16:00 | 1041                               | 1041    |  |         | 1208          |
| 10/20/2023 17:00 | 1041                               | 1041    |  |         | 1208          |
| 10/20/2023 18:00 | 1041                               | 1041    |  |         | 1208          |
| 10/20/2023 19:00 | 1041                               | 1041    |  |         | 1208          |
| 10/20/2023 20:00 | 1041                               | 1042    |  |         | 1208          |
| 10/20/2023 21:00 | 1042                               | 1042    |  |         | 1208          |
| 10/20/2023 22:00 | 1042                               | 1042    |  |         | 1208          |
| 10/20/2023 23:00 | 1042                               | 1042    |  |         | 1208          |
| 10/21/2023 0:00  | 1042                               | 1042    |  |         | 1208          |
| 10/21/2023 1:00  | 1042                               | 1043    |  |         | 1211          |
| 10/21/2023 2:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 3:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 4:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 5:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 6:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 7:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 8:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 9:00  | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 10:00 | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 11:00 | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 12:00 | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 13:00 | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 14:00 | 1043                               | 1044    |  |         | 1211          |
| 10/21/2023 15:00 | 1044                               | 1044    |  |         | 1211          |
| 10/21/2023 16:00 | 1044                               | 1044    |  |         | 1211          |
| 10/21/2023 17:00 | 1044                               | 1044    |  |         | 1211          |
| 10/21/2023 18:00 | 1044                               | 1044    |  |         | 1211          |
| 10/21/2023 19:00 | 1044                               | 1044    |  |         | 1211          |
| 10/21/2023 20:00 | 1044                               | 1044    |  |         | 1211          |
| 10/21/2023 21:00 | 1043                               | 1044    |  |         | 1211          |
| 10/21/2023 22:00 | 1043                               | 1043    |  |         | 1211          |
| 10/21/2023 23:00 | 1043                               | 1043    |  |         | 1211          |

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/22/2023 0:00  | 1043                               | 1043    |  |         | 1211          |
| 10/22/2023 1:00  | 1043                               | 1043    |  |         | 1208          |
| 10/22/2023 2:00  | 1043                               | 1043    |  |         | 1208          |
| 10/22/2023 3:00  | 1043                               | 1043    |  |         | 1208          |
| 10/22/2023 4:00  | 1042                               | 1043    |  |         | 1208          |
| 10/22/2023 5:00  | 1042                               | 1042    |  |         | 1208          |
| 10/22/2023 6:00  | 1042                               | 1042    |  |         | 1208          |
| 10/22/2023 7:00  | 1042                               | 1042    |  |         | 1208          |
| 10/22/2023 8:00  | 1041                               | 1042    |  |         | 1208          |
| 10/22/2023 9:00  | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 10:00 | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 11:00 | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 12:00 | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 13:00 | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 14:00 | 1040                               | 1041    |  |         | 1208          |
| 10/22/2023 15:00 | 1040                               | 1040    |  |         | 1208          |
| 10/22/2023 16:00 | 1040                               | 1040    |  |         | 1208          |
| 10/22/2023 17:00 | 1040                               | 1040    |  |         | 1208          |
| 10/22/2023 18:00 | 1040                               | 1040    |  |         | 1208          |
| 10/22/2023 19:00 | 1040                               | 1041    |  |         | 1208          |
| 10/22/2023 20:00 | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 21:00 | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 22:00 | 1041                               | 1041    |  |         | 1208          |
| 10/22/2023 23:00 | 1041                               | 1042    |  |         | 1208          |
| 10/23/2023 0:00  | 1042                               | 1042    |  |         | 1208          |
| 10/23/2023 1:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 2:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 3:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 4:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 5:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 6:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 7:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 8:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 9:00  | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 10:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 11:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 12:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 13:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 14:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 15:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 16:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 17:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 18:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 19:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 20:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 21:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 22:00 | 1042                               | 1042    |  |         | 1203          |
| 10/23/2023 23:00 | 1042                               | 1042    |  |         | 1203          |
| 10/24/2023 0:00  | 1042                               | 1042    |  |         | 1203          |
| 10/24/2023 1:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 2:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 3:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 4:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 5:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 6:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 7:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 8:00  | 1042                               | 1042    |  |         | 1207          |
| 10/24/2023 9:00  | 1042                               | 1045    |  |         | 1207          |
| 10/24/2023 10:00 | 1045                               | 1045    |  |         | 1207          |
| 10/24/2023 11:00 | 1045                               | 1045    |  |         | 1207          |
| 10/24/2023 12:00 | 1045                               | 1045    |  |         | 1207          |
| 10/24/2023 13:00 | 1044                               | 1045    |  |         | 1207          |
| 10/24/2023 14:00 | 1044                               | 1044    |  |         | 1207          |
| 10/24/2023 15:00 | 1044                               | 1044    |  |         | 1207          |
| 10/24/2023 16:00 | 1044                               | 1044    |  |         | 1207          |
| 10/24/2023 17:00 | 1043                               | 1044    |  |         | 1207          |
| 10/24/2023 18:00 | 1043                               | 1043    |  |         | 1207          |
| 10/24/2023 19:00 | 1043                               | 1043    |  |         | 1207          |
| 10/24/2023 20:00 | 1043                               | 1043    |  |         | 1207          |
| 10/24/2023 21:00 | 1043                               | 1043    |  |         | 1207          |
| 10/24/2023 22:00 | 1043                               | 1043    |  |         | 1207          |
| 10/24/2023 23:00 | 1043                               | 1043    |  |         | 1207          |

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/25/2023 0:00  | 1043                               | 1043    |  |         | 1207          |
| 10/25/2023 1:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 2:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 3:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 4:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 5:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 6:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 7:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 8:00  | 1043                               | 1043    |  |         | 1202          |
| 10/25/2023 9:00  | 1041                               | 1043    |  |         | 1202          |
| 10/25/2023 10:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 11:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 12:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 13:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 14:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 15:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 16:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 17:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 18:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 19:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 20:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 21:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 22:00 | 1041                               | 1041    |  |         | 1202          |
| 10/25/2023 23:00 | 1041                               | 1041    |  |         | 1202          |
| 10/26/2023 0:00  | 1041                               | 1041    |  |         | 1202          |
| 10/26/2023 1:00  | 1041                               | 1041    |  |         | 1202          |
| 10/26/2023 2:00  | 1041                               | 1041    |  |         | 1208          |
| 10/26/2023 3:00  | 1041                               | 1041    |  |         | 1208          |
| 10/26/2023 4:00  | 1041                               | 1041    |  |         | 1208          |
| 10/26/2023 5:00  | 1041                               | 1041    |  |         | 1208          |
| 10/26/2023 6:00  | 1041                               | 1041    |  |         | 1208          |
| 10/26/2023 7:00  | 1041                               | 1041    |  |         | 1208          |
| 10/26/2023 8:00  | 1041                               | 1041    |  |         | 1208          |
| 10/26/2023 9:00  | 1040                               | 1041    |  |         | 1208          |
| 10/26/2023 10:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 11:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 12:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 13:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 14:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 15:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 16:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 17:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 18:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 19:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 20:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 21:00 | 1040                               | 1040    |  |         | 1208          |
| 10/26/2023 22:00 | 1039                               | 1040    |  |         | 1208          |
| 10/26/2023 23:00 | 1039                               | 1039    |  |         | 1208          |
| 10/27/2023 0:00  | 1039                               | 1039    |  |         | 1208          |
| 10/27/2023 1:00  | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 2:00  | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 3:00  | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 4:00  | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 5:00  | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 6:00  | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 7:00  | 1039                               | 1040    |  |         | 1211          |
| 10/27/2023 8:00  | 1040                               | 1040    |  |         | 1211          |
| 10/27/2023 9:00  | 1039                               | 1040    |  |         | 1211          |
| 10/27/2023 10:00 | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 11:00 | 1039                               | 1040    |  |         | 1211          |
| 10/27/2023 12:00 | 1040                               | 1040    |  |         | 1211          |
| 10/27/2023 13:00 | 1040                               | 1040    |  |         | 1211          |
| 10/27/2023 14:00 | 1040                               | 1040    |  |         | 1211          |
| 10/27/2023 15:00 | 1039                               | 1040    |  |         | 1211          |
| 10/27/2023 16:00 | 1039                               | 1039    |  |         | 1211          |
| 10/27/2023 17:00 | 1038                               | 1039    |  |         | 1211          |
| 10/27/2023 18:00 | 1037                               | 1038    |  |         | 1211          |
| 10/27/2023 19:00 | 1037                               | 1037    |  |         | 1211          |
| 10/27/2023 20:00 | 1037                               | 1038    |  |         | 1211          |
| 10/27/2023 21:00 | 1038                               | 1038    |  |         | 1211          |
| 10/27/2023 22:00 | 1038                               | 1038    |  |         | 1211          |
| 10/27/2023 23:00 | 1037                               | 1038    |  |         | 1211          |

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/28/2023 0:00  | 1037                               | 1037    |  |         | 1211          |
| 10/28/2023 1:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 2:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 3:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 4:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 5:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 6:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 7:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 8:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 9:00  | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 10:00 | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 11:00 | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 12:00 | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 13:00 | 1036                               | 1037    |  |         | 1198          |
| 10/28/2023 14:00 | 1036                               | 1037    |  |         | 1198          |
| 10/28/2023 15:00 | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 16:00 | 1037                               | 1037    |  |         | 1198          |
| 10/28/2023 17:00 | 1037                               | 1038    |  |         | 1198          |
| 10/28/2023 18:00 | 1038                               | 1038    |  |         | 1198          |
| 10/28/2023 19:00 | 1038                               | 1038    |  |         | 1198          |
| 10/28/2023 20:00 | 1038                               | 1038    |  |         | 1198          |
| 10/28/2023 21:00 | 1038                               | 1038    |  |         | 1198          |
| 10/28/2023 22:00 | 1038                               | 1038    |  |         | 1198          |
| 10/28/2023 23:00 | 1038                               | 1038    |  |         | 1198          |
| 10/29/2023 0:00  | 1038                               | 1038    |  |         | 1198          |
| 10/29/2023 1:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 2:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 3:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 4:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 5:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 6:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 7:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 8:00  | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 9:00  | 1037                               | 1038    |  |         | 1196          |
| 10/29/2023 10:00 | 1037                               | 1037    |  |         | 1196          |
| 10/29/2023 11:00 | 1037                               | 1037    |  |         | 1196          |
| 10/29/2023 12:00 | 1037                               | 1037    |  |         | 1196          |
| 10/29/2023 13:00 | 1037                               | 1037    |  |         | 1196          |
| 10/29/2023 14:00 | 1037                               | 1037    |  |         | 1196          |
| 10/29/2023 15:00 | 1037                               | 1038    |  |         | 1196          |
| 10/29/2023 16:00 | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 17:00 | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 18:00 | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 19:00 | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 20:00 | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 21:00 | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 22:00 | 1038                               | 1038    |  |         | 1196          |
| 10/29/2023 23:00 | 1038                               | 1038    |  |         | 1196          |
| 10/30/2023 0:00  | 1038                               | 1039    |  |         | 1200          |
| 10/30/2023 1:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 2:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 3:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 4:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 5:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 6:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 7:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 8:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 9:00  | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 10:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 11:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 12:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 13:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 14:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 15:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 16:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 17:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 18:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 19:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 20:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 21:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 22:00 | 1039                               | 1039    |  |         | 1200          |
| 10/30/2023 23:00 | 1039                               | 1039    |  |         | 1200          |

**Xcel Energy**  
**Natural Gas Utility - State of North Dakota**  
**Monthly Heating Values Report**

| Date/Time        | Viking Gas Transmission<br>(Fargo) |         | Williston Basin Interstate<br>(Mapleton) |         | Daily Average |
|------------------|------------------------------------|---------|--|---------|---------------|
|                  | Min BTU                            | Max BTU | Min BTU                                  | Max BTU |               |
| 10/31/2023 0:00  | 1039                               | 1040    |  |         | 1198          |
| 10/31/2023 1:00  | 1040                               | 1040    |  |         | 1198          |
| 10/31/2023 2:00  | 1040                               | 1040    |  |         | 1198          |
| 10/31/2023 3:00  | 1040                               | 1040    |  |         | 1198          |
| 10/31/2023 4:00  | 1040                               | 1040    |  |         | 1198          |
| 10/31/2023 5:00  | 1040                               | 1040    |  |         | 1198          |
| 10/31/2023 6:00  | 1040                               | 1040    |  |         | 1198          |
| 10/31/2023 7:00  | 1040                               | 1041    |  |         | 1198          |
| 10/31/2023 8:00  | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 9:00  | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 10:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 11:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 12:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 13:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 14:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 15:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 16:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 17:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 18:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 19:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 20:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 21:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 22:00 | 1041                               | 1041    |  |         | 1198          |
| 10/31/2023 23:00 | 1041                               | 1041    |  |         | 1198          |