



825 Rice Street  
Saint Paul, MN 55117

January 27, 2025

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 December 2024 as required by N.D. PU-24-13.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Christopher Akins'.

Christopher Akins, Director Operations Standards

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/1/2024 0:00	1047	1047	12/1/2024	1182
12/1/2024 1:00	1046	1047	12/2/2024	1182
12/1/2024 2:00	1046	1046	12/3/2024	1186
12/1/2024 3:00	1046	1046	12/4/2024	1193
12/1/2024 4:00	1046	1046	12/5/2024	1184
12/1/2024 5:00	1046	1047	12/6/2024	1179
12/1/2024 6:00	1047	1047	12/7/2024	1190
12/1/2024 7:00	1047	1047	12/8/2024	1201
12/1/2024 8:00	1047	1047	12/9/2024	1199
12/1/2024 9:00	1047	1047	12/10/2024	1188
12/1/2024 10:00	1047	1047	12/11/2024	1184
12/1/2024 11:00	1047	1047	12/12/2024	1180
12/1/2024 12:00	1047	1047	12/13/2024	1184
12/1/2024 13:00	1047	1047	12/14/2024	1185
12/1/2024 14:00	1047	1047	12/15/2024	1186
12/1/2024 15:00	1047	1047	12/16/2024	1191
12/1/2024 16:00	1047	1047	12/17/2024	1195
12/1/2024 17:00	1047	1048	12/18/2024	1184
12/1/2024 18:00	1048	1048	12/19/2024	1187
12/1/2024 19:00	1048	1048	12/20/2024	1185
12/1/2024 20:00	1048	1048	12/21/2024	1181
12/1/2024 21:00	1047	1048	12/22/2024	1193
12/1/2024 22:00	1047	1047	12/23/2024	1192
12/1/2024 23:00	1047	1047	12/24/2024	1194
12/2/2024 0:00	1047	1047	12/25/2024	1195
12/2/2024 1:00	1047	1048	12/26/2024	1195
12/2/2024 2:00	1048	1048	12/27/2024	1199
12/2/2024 3:00	1047	1048	12/28/2024	1208
12/2/2024 4:00	1047	1047	12/29/2024	1197
12/2/2024 5:00	1047	1047	12/30/2024	1194
12/2/2024 6:00	1047	1047	12/31/2024	1192
12/2/2024 7:00	1047	1047		
12/2/2024 8:00	1047	1047		
12/2/2024 9:00	1047	1047		
12/2/2024 10:00	1046	1047		
12/2/2024 11:00	1046	1046		
12/2/2024 12:00	1046	1046		
12/2/2024 13:00	1046	1046		
12/2/2024 14:00	1046	1047		
12/2/2024 15:00	1047	1047		
12/2/2024 16:00	1047	1047		
12/2/2024 17:00	1047	1047		
12/2/2024 18:00	1047	1048		
12/2/2024 19:00	1048	1048		
12/2/2024 20:00	1048	1048		
12/2/2024 21:00	1048	1049		
12/2/2024 22:00	1049	1049		
12/2/2024 23:00	1049	1049		
12/3/2024 0:00	1049	1049		
12/3/2024 1:00	1049	1049		
12/3/2024 2:00	1049	1049		
12/3/2024 3:00	1048	1049		
12/3/2024 4:00	1048	1048		
12/3/2024 5:00	1048	1048		
12/3/2024 6:00	1048	1049		
12/3/2024 7:00	1049	1049		
12/3/2024 8:00	1049	1049		
12/3/2024 9:00	1049	1049		
12/3/2024 10:00	1049	1049		
12/3/2024 11:00	1049	1049		
12/3/2024 12:00	1049	1049		
12/3/2024 13:00	1049	1049		
12/3/2024 14:00	1049	1050		
12/3/2024 15:00	1050	1050		
12/3/2024 16:00	1050	1051		
12/3/2024 17:00	1051	1052		
12/3/2024 18:00	1052	1052		
12/3/2024 19:00	1052	1052		
12/3/2024 20:00	1052	1053		
12/3/2024 21:00	1053	1053		
12/3/2024 22:00	1053	1053		
12/3/2024 23:00	1053	1053		

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/4/2024 0:00	1053	1053		
12/4/2024 1:00	1053	1053		
12/4/2024 2:00	1053	1053		
12/4/2024 3:00	1053	1053		
12/4/2024 4:00	1053	1053		
12/4/2024 5:00	1053	1053		
12/4/2024 6:00	1053	1053		
12/4/2024 7:00	1053	1053		
12/4/2024 8:00	1053	1053		
12/4/2024 9:00	1053	1053		
12/4/2024 10:00	1053	1054		
12/4/2024 11:00	1054	1054		
12/4/2024 12:00	1054	1054		
12/4/2024 13:00	1054	1054		
12/4/2024 14:00	1053	1054		
12/4/2024 15:00	1053	1053		
12/4/2024 16:00	1052	1053		
12/4/2024 17:00	1052	1052		
12/4/2024 18:00	1051	1052		
12/4/2024 19:00	1051	1051		
12/4/2024 20:00	1051	1051		
12/4/2024 21:00	1051	1051		
12/4/2024 22:00	1051	1051		
12/4/2024 23:00	1051	1051		
12/5/2024 0:00	1051	1051		
12/5/2024 1:00	1051	1051		
12/5/2024 2:00	1051	1051		
12/5/2024 3:00	1051	1051		
12/5/2024 4:00	1051	1051		
12/5/2024 5:00	1051	1051		
12/5/2024 6:00	1051	1051		
12/5/2024 7:00	1051	1051		
12/5/2024 8:00	1051	1051		
12/5/2024 9:00	1051	1051		
12/5/2024 10:00	1051	1051		
12/5/2024 11:00	1051	1051		
12/5/2024 12:00	1051	1051		
12/5/2024 13:00	1051	1051		
12/5/2024 14:00	1051	1051		
12/5/2024 15:00	1050	1051		
12/5/2024 16:00	1050	1050		
12/5/2024 17:00	1050	1050		
12/5/2024 18:00	1050	1050		
12/5/2024 19:00	1050	1050		
12/5/2024 20:00	1050	1050		
12/5/2024 21:00	1050	1050		
12/5/2024 22:00	1050	1050		
12/5/2024 23:00	1050	1050		
12/6/2024 0:00	1050	1050		
12/6/2024 1:00	1050	1050		
12/6/2024 2:00	1050	1050		
12/6/2024 3:00	1050	1050		
12/6/2024 4:00	1050	1050		
12/6/2024 5:00	1050	1050		
12/6/2024 6:00	1050	1050		
12/6/2024 7:00	1050	1050		
12/6/2024 8:00	1050	1051		
12/6/2024 9:00	1051	1051		
12/6/2024 10:00	1051	1051		
12/6/2024 11:00	1051	1051		
12/6/2024 12:00	1051	1051		
12/6/2024 13:00	1051	1051		
12/6/2024 14:00	1051	1051		
12/6/2024 15:00	1051	1051		
12/6/2024 16:00	1051	1051		
12/6/2024 17:00	1051	1052		
12/6/2024 18:00	1052	1053		
12/6/2024 19:00	1053	1054		
12/6/2024 20:00	1054	1055		
12/6/2024 21:00	1055	1056		
12/6/2024 22:00	1056	1056		
12/6/2024 23:00	1056	1056		
12/7/2024 0:00	1056	1056		
12/7/2024 1:00	1056	1056		
12/7/2024 2:00	1056	1056		
12/7/2024 3:00	1055	1056		
12/7/2024 4:00	1055	1055		
12/7/2024 5:00	1054	1055		
12/7/2024 6:00	1054	1054		
12/7/2024 7:00	1054	1054		

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	Min BTU	Max BTU	Date	Daily Average
12/7/2024 8:00	1054	1054		
12/7/2024 9:00	1054	1054		
12/7/2024 10:00	1054	1054		
12/7/2024 11:00	1054	1056		
12/7/2024 12:00	1056	1056		
12/7/2024 13:00	1056	1056		
12/7/2024 14:00	1056	1056		
12/7/2024 15:00	1056	1056		
12/7/2024 16:00	1056	1056		
12/7/2024 17:00	1056	1056		
12/7/2024 18:00	1056	1056		
12/7/2024 19:00	1055	1056		
12/7/2024 20:00	1055	1055		
12/7/2024 21:00	1055	1055		
12/7/2024 22:00	1055	1055		
12/7/2024 23:00	1055	1055		
12/8/2024 0:00	1055	1055		
12/8/2024 1:00	1055	1055		
12/8/2024 2:00	1055	1055		
12/8/2024 3:00	1055	1055		
12/8/2024 4:00	1055	1056		
12/8/2024 5:00	1056	1056		
12/8/2024 6:00	1056	1057		
12/8/2024 7:00	1057	1057		
12/8/2024 8:00	1057	1057		
12/8/2024 9:00	1057	1057		
12/8/2024 10:00	1056	1057		
12/8/2024 11:00	1056	1056		
12/8/2024 12:00	1056	1056		
12/8/2024 13:00	1055	1056		
12/8/2024 14:00	1054	1055		
12/8/2024 15:00	1053	1054		
12/8/2024 16:00	1052	1053		
12/8/2024 17:00	1051	1052		
12/8/2024 18:00	1051	1051		
12/8/2024 19:00	1051	1051		
12/8/2024 20:00	1050	1051		
12/8/2024 21:00	1050	1050		
12/8/2024 22:00	1050	1050		
12/8/2024 23:00	1050	1050		
12/9/2024 0:00	1049	1050		
12/9/2024 1:00	1049	1049		
12/9/2024 2:00	1049	1049		
12/9/2024 3:00	1049	1049		
12/9/2024 4:00	1049	1049		
12/9/2024 5:00	1049	1049		
12/9/2024 6:00	1049	1049		
12/9/2024 7:00	1049	1049		
12/9/2024 8:00	1049	1049		
12/9/2024 9:00	1049	1049		
12/9/2024 10:00	1049	1049		
12/9/2024 11:00	1049	1049		
12/9/2024 12:00	1049	1049		
12/9/2024 13:00	1049	1049		
12/9/2024 14:00	1049	1049		
12/9/2024 15:00	1049	1049		
12/9/2024 16:00	1049	1049		
12/9/2024 17:00	1049	1049		
12/9/2024 18:00	1049	1049		
12/9/2024 19:00	1049	1049		
12/9/2024 20:00	1049	1049		
12/9/2024 21:00	1049	1049		
12/9/2024 22:00	1049	1049		
12/9/2024 23:00	1049	1049		
12/10/2024 0:00	1049	1049		
12/10/2024 1:00	1049	1049		
12/10/2024 2:00	1049	1049		
12/10/2024 3:00	1049	1049		
12/10/2024 4:00	1049	1050		
12/10/2024 5:00	1050	1050		
12/10/2024 6:00	1050	1050		
12/10/2024 7:00	1050	1050		
12/10/2024 8:00	1050	1050		
12/10/2024 9:00	1050	1050		
12/10/2024 10:00	1050	1050		
12/10/2024 11:00	1050	1050		
12/10/2024 12:00	1050	1050		
12/10/2024 13:00	1050	1050		
12/10/2024 14:00	1050	1050		
12/10/2024 15:00	1050	1050		

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/10/2024 16:00	1050	1050		
12/10/2024 17:00	1050	1050		
12/10/2024 18:00	1049	1050		
12/10/2024 19:00	1049	1049		
12/10/2024 20:00	1049	1049		
12/10/2024 21:00	1049	1049		
12/10/2024 22:00	1049	1049		
12/10/2024 23:00	1049	1049		
12/11/2024 0:00	1049	1049		
12/11/2024 1:00	1049	1049		
12/11/2024 2:00	1049	1050		
12/11/2024 3:00	1050	1050		
12/11/2024 4:00	1050	1050		
12/11/2024 5:00	1050	1050		
12/11/2024 6:00	1050	1050		
12/11/2024 7:00	1050	1050		
12/11/2024 8:00	1050	1050		
12/11/2024 9:00	1050	1050		
12/11/2024 10:00	1050	1050		
12/11/2024 11:00	1049	1050		
12/11/2024 12:00	1049	1049		
12/11/2024 13:00	1049	1049		
12/11/2024 14:00	1049	1049		
12/11/2024 15:00	1049	1049		
12/11/2024 16:00	1049	1049		
12/11/2024 17:00	1049	1049		
12/11/2024 18:00	1049	1049		
12/11/2024 19:00	1049	1049		
12/11/2024 20:00	1049	1049		
12/11/2024 21:00	1049	1049		
12/11/2024 22:00	1049	1049		
12/11/2024 23:00	1049	1049		
12/12/2024 0:00	1049	1049		
12/12/2024 1:00	1049	1049		
12/12/2024 2:00	1049	1049		
12/12/2024 3:00	1049	1049		
12/12/2024 4:00	1049	1049		
12/12/2024 5:00	1049	1050		
12/12/2024 6:00	1050	1050		
12/12/2024 7:00	1050	1050		
12/12/2024 8:00	1050	1050		
12/12/2024 9:00	1050	1050		
12/12/2024 10:00	1050	1050		
12/12/2024 11:00	1049	1050		
12/12/2024 12:00	1049	1049		
12/12/2024 13:00	1049	1049		
12/12/2024 14:00	1049	1049		
12/12/2024 15:00	1049	1049		
12/12/2024 16:00	1049	1049		
12/12/2024 17:00	1049	1049		
12/12/2024 18:00	1049	1049		
12/12/2024 19:00	1049	1049		
12/12/2024 20:00	1049	1049		
12/12/2024 21:00	1049	1049		
12/12/2024 22:00	1049	1049		
12/12/2024 23:00	1049	1049		
12/13/2024 0:00	1049	1049		
12/13/2024 1:00	1049	1049		
12/13/2024 2:00	1049	1049		
12/13/2024 3:00	1049	1049		
12/13/2024 4:00	1049	1049		
12/13/2024 5:00	1049	1049		
12/13/2024 6:00	1049	1049		
12/13/2024 7:00	1049	1049		
12/13/2024 8:00	1049	1049		
12/13/2024 9:00	1049	1049		
12/13/2024 10:00	1049	1049		
12/13/2024 11:00	1049	1049		
12/13/2024 12:00	1049	1049		
12/13/2024 13:00	1049	1049		
12/13/2024 14:00	1049	1049		
12/13/2024 15:00	1049	1049		
12/13/2024 16:00	1049	1049		
12/13/2024 17:00	1049	1049		
12/13/2024 18:00	1049	1049		
12/13/2024 19:00	1049	1049		
12/13/2024 20:00	1049	1049		
12/13/2024 21:00	1049	1049		
12/13/2024 22:00	1049	1049		
12/13/2024 23:00	1049	1049		

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/14/2024 0:00	1049	1049		
12/14/2024 1:00	1049	1049		
12/14/2024 2:00	1049	1049		
12/14/2024 3:00	1049	1049		
12/14/2024 4:00	1049	1049		
12/14/2024 5:00	1049	1049		
12/14/2024 6:00	1049	1049		
12/14/2024 7:00	1049	1049		
12/14/2024 8:00	1049	1049		
12/14/2024 9:00	1049	1049		
12/14/2024 10:00	1049	1049		
12/14/2024 11:00	1049	1049		
12/14/2024 12:00	1049	1049		
12/14/2024 13:00	1048	1049		
12/14/2024 14:00	1048	1048		
12/14/2024 15:00	1048	1048		
12/14/2024 16:00	1048	1048		
12/14/2024 17:00	1048	1049		
12/14/2024 18:00	1049	1049		
12/14/2024 19:00	1049	1049		
12/14/2024 20:00	1049	1049		
12/14/2024 21:00	1049	1049		
12/14/2024 22:00	1049	1049		
12/14/2024 23:00	1049	1049		
12/15/2024 0:00	1049	1049		
12/15/2024 1:00	1049	1049		
12/15/2024 2:00	1049	1049		
12/15/2024 3:00	1049	1049		
12/15/2024 4:00	1049	1049		
12/15/2024 5:00	1049	1049		
12/15/2024 6:00	1049	1049		
12/15/2024 7:00	1049	1049		
12/15/2024 8:00	1049	1050		
12/15/2024 9:00	1050	1050		
12/15/2024 10:00	1050	1050		
12/15/2024 11:00	1050	1050		
12/15/2024 12:00	1050	1050		
12/15/2024 13:00	1050	1050		
12/15/2024 14:00	1050	1050		
12/15/2024 15:00	1050	1050		
12/15/2024 16:00	1050	1050		
12/15/2024 17:00	1050	1050		
12/15/2024 18:00	1050	1050		
12/15/2024 19:00	1050	1050		
12/15/2024 20:00	1050	1050		
12/15/2024 21:00	1050	1050		
12/15/2024 22:00	1050	1050		
12/15/2024 23:00	1050	1050		
12/16/2024 0:00	1050	1050		
12/16/2024 1:00	1049	1050		
12/16/2024 2:00	1049	1049		
12/16/2024 3:00	1049	1049		
12/16/2024 4:00	1049	1049		
12/16/2024 5:00	1049	1049		
12/16/2024 6:00	1049	1049		
12/16/2024 7:00	1049	1049		
12/16/2024 8:00	1049	1049		
12/16/2024 9:00	1049	1049		
12/16/2024 10:00	1049	1050		
12/16/2024 11:00	1050	1050		
12/16/2024 12:00	1050	1050		
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12/16/2024 14:00	1050	1050		
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12/16/2024 17:00	1050	1050		
12/16/2024 18:00	1050	1050		
12/16/2024 19:00	1050	1050		
12/16/2024 20:00	1050	1050		
12/16/2024 21:00	1049	1050		
12/16/2024 22:00	1049	1049		
12/16/2024 23:00	1049	1049		
12/17/2024 0:00	1049	1049		
12/17/2024 1:00	1049	1049		
12/17/2024 2:00	1049	1049		
12/17/2024 3:00	1049	1049		
12/17/2024 4:00	1049	1049		
12/17/2024 5:00	1049	1050		
12/17/2024 6:00	1050	1050		
12/17/2024 7:00	1050	1050		

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12/17/2024 8:00	1050	1050		
12/17/2024 9:00	1050	1050		
12/17/2024 10:00	1050	1050		
12/17/2024 11:00	1049	1050		
12/17/2024 12:00	1049	1049		
12/17/2024 13:00	1049	1049		
12/17/2024 14:00	1049	1049		
12/17/2024 15:00	1049	1049		
12/17/2024 16:00	1049	1049		
12/17/2024 17:00	1049	1049		
12/17/2024 18:00	1049	1049		
12/17/2024 19:00	1049	1049		
12/17/2024 20:00	1049	1049		
12/17/2024 21:00	1049	1049		
12/17/2024 22:00	1049	1049		
12/17/2024 23:00	1049	1049		
12/18/2024 0:00	1049	1049		
12/18/2024 1:00	1049	1049		
12/18/2024 2:00	1049	1049		
12/18/2024 3:00	1049	1049		
12/18/2024 4:00	1049	1049		
12/18/2024 5:00	1049	1049		
12/18/2024 6:00	1049	1049		
12/18/2024 7:00	1049	1049		
12/18/2024 8:00	1048	1049		
12/18/2024 9:00	1048	1048		
12/18/2024 10:00	1048	1048		
12/18/2024 11:00	1048	1048		
12/18/2024 12:00	1048	1048		
12/18/2024 13:00	1048	1048		
12/18/2024 14:00	1048	1048		
12/18/2024 15:00	1048	1048		
12/18/2024 16:00	1048	1048		
12/18/2024 17:00	1048	1048		
12/18/2024 18:00	1048	1049		
12/18/2024 19:00	1049	1049		
12/18/2024 20:00	1049	1049		
12/18/2024 21:00	1049	1049		
12/18/2024 22:00	1049	1049		
12/18/2024 23:00	1049	1049		
12/19/2024 0:00	1049	1049		
12/19/2024 1:00	1049	1049		
12/19/2024 2:00	1049	1049		
12/19/2024 3:00	1049	1049		
12/19/2024 4:00	1049	1049		
12/19/2024 5:00	1049	1049		
12/19/2024 6:00	1049	1049		
12/19/2024 7:00	1049	1049		
12/19/2024 8:00	1049	1049		
12/19/2024 9:00	1049	1049		
12/19/2024 10:00	1049	1049		
12/19/2024 11:00	1049	1049		
12/19/2024 12:00	1048	1049		
12/19/2024 13:00	1048	1048		
12/19/2024 14:00	1048	1048		
12/19/2024 15:00	1048	1048		
12/19/2024 16:00	1048	1048		
12/19/2024 17:00	1048	1048		
12/19/2024 18:00	1048	1048		
12/19/2024 19:00	1048	1048		
12/19/2024 20:00	1048	1048		
12/19/2024 21:00	1048	1048		
12/19/2024 22:00	1048	1048		
12/19/2024 23:00	1048	1048		
12/20/2024 0:00	1048	1048		
12/20/2024 1:00	1048	1048		
12/20/2024 2:00	1048	1048		
12/20/2024 3:00	1048	1048		
12/20/2024 4:00	1048	1048		
12/20/2024 5:00	1048	1048		
12/20/2024 6:00	1048	1048		
12/20/2024 7:00	1048	1048		
12/20/2024 8:00	1048	1048		
12/20/2024 9:00	1048	1048		
12/20/2024 10:00	1048	1048		
12/20/2024 11:00	1048	1048		
12/20/2024 12:00	1048	1048		
12/20/2024 13:00	1048	1048		
12/20/2024 14:00	1048	1048		
12/20/2024 15:00	1048	1048		

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/20/2024 16:00	1048	1048		
12/20/2024 17:00	1048	1048		
12/20/2024 18:00	1048	1048		
12/20/2024 19:00	1048	1048		
12/20/2024 20:00	1048	1048		
12/20/2024 21:00	1048	1048		
12/20/2024 22:00	1048	1048		
12/20/2024 23:00	1048	1048		
12/21/2024 0:00	1048	1049		
12/21/2024 1:00	1049	1049		
12/21/2024 2:00	1049	1049		
12/21/2024 3:00	1049	1049		
12/21/2024 4:00	1049	1049		
12/21/2024 5:00	1049	1049		
12/21/2024 6:00	1049	1049		
12/21/2024 7:00	1049	1049		
12/21/2024 8:00	1049	1049		
12/21/2024 9:00	1049	1049		
12/21/2024 10:00	1049	1049		
12/21/2024 11:00	1049	1050		
12/21/2024 12:00	1050	1050		
12/21/2024 13:00	1050	1050		
12/21/2024 14:00	1050	1050		
12/21/2024 15:00	1050	1050		
12/21/2024 16:00	1050	1050		
12/21/2024 17:00	1050	1050		
12/21/2024 18:00	1050	1050		
12/21/2024 19:00	1050	1050		
12/21/2024 20:00	1050	1050		
12/21/2024 21:00	1050	1050		
12/21/2024 22:00	1050	1050		
12/21/2024 23:00	1050	1050		
12/22/2024 0:00	1050	1050		
12/22/2024 1:00	1050	1050		
12/22/2024 2:00	1050	1050		
12/22/2024 3:00	1050	1050		
12/22/2024 4:00	1050	1050		
12/22/2024 5:00	1050	1050		
12/22/2024 6:00	1050	1050		
12/22/2024 7:00	1050	1050		
12/22/2024 8:00	1049	1050		
12/22/2024 9:00	1049	1049		
12/22/2024 10:00	1049	1049		
12/22/2024 11:00	1049	1049		
12/22/2024 12:00	1049	1049		
12/22/2024 13:00	1049	1049		
12/22/2024 14:00	1049	1049		
12/22/2024 15:00	1049	1049		
12/22/2024 16:00	1049	1049		
12/22/2024 17:00	1049	1049		
12/22/2024 18:00	1049	1049		
12/22/2024 19:00	1049	1049		
12/22/2024 20:00	1049	1049		
12/22/2024 21:00	1049	1049		
12/22/2024 22:00	1049	1049		
12/22/2024 23:00	1049	1049		
12/23/2024 0:00	1049	1049		
12/23/2024 1:00	1049	1049		
12/23/2024 2:00	1049	1049		
12/23/2024 3:00	1049	1049		
12/23/2024 4:00	1049	1049		
12/23/2024 5:00	1049	1049		
12/23/2024 6:00	1049	1049		
12/23/2024 7:00	1049	1049		
12/23/2024 8:00	1049	1050		
12/23/2024 9:00	1050	1050		
12/23/2024 10:00	1050	1050		
12/23/2024 11:00	1050	1050		
12/23/2024 12:00	1050	1050		
12/23/2024 13:00	1050	1050		
12/23/2024 14:00	1050	1050		
12/23/2024 15:00	1050	1050		
12/23/2024 16:00	1050	1050		
12/23/2024 17:00	1050	1050		
12/23/2024 18:00	1050	1050		
12/23/2024 19:00	1050	1050		
12/23/2024 20:00	1050	1050		
12/23/2024 21:00	1050	1050		
12/23/2024 22:00	1050	1051		
12/23/2024 23:00	1051	1051		

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/24/2024 0:00	1051	1051		
12/24/2024 1:00	1051	1051		
12/24/2024 2:00	1051	1051		
12/24/2024 3:00	1051	1051		
12/24/2024 4:00	1051	1051		
12/24/2024 5:00	1050	1051		
12/24/2024 6:00	1050	1050		
12/24/2024 7:00	1050	1050		
12/24/2024 8:00	1050	1050		
12/24/2024 9:00	1050	1050		
12/24/2024 10:00	1050	1050		
12/24/2024 11:00	1050	1050		
12/24/2024 12:00	1050	1050		
12/24/2024 13:00	1049	1050		
12/24/2024 14:00	1049	1049		
12/24/2024 15:00	1049	1049		
12/24/2024 16:00	1049	1049		
12/24/2024 17:00	1049	1049		
12/24/2024 18:00	1049	1049		
12/24/2024 19:00	1049	1049		
12/24/2024 20:00	1049	1049		
12/24/2024 21:00	1049	1050		
12/24/2024 22:00	1050	1050		
12/24/2024 23:00	1050	1050		
12/25/2024 0:00	1050	1050		
12/25/2024 1:00	1050	1050		
12/25/2024 2:00	1050	1050		
12/25/2024 3:00	1050	1050		
12/25/2024 4:00	1050	1050		
12/25/2024 5:00	1050	1050		
12/25/2024 6:00	1050	1050		
12/25/2024 7:00	1050	1050		
12/25/2024 8:00	1050	1050		
12/25/2024 9:00	1050	1050		
12/25/2024 10:00	1050	1050		
12/25/2024 11:00	1050	1050		
12/25/2024 12:00	1050	1050		
12/25/2024 13:00	1050	1050		
12/25/2024 14:00	1050	1050		
12/25/2024 15:00	1050	1050		
12/25/2024 16:00	1050	1050		
12/25/2024 17:00	1050	1050		
12/25/2024 18:00	1050	1050		
12/25/2024 19:00	1050	1050		
12/25/2024 20:00	1050	1050		
12/25/2024 21:00	1050	1050		
12/25/2024 22:00	1050	1050		
12/25/2024 23:00	1050	1050		
12/26/2024 0:00	1050	1050		
12/26/2024 1:00	1050	1050		
12/26/2024 2:00	1050	1050		
12/26/2024 3:00	1050	1050		
12/26/2024 4:00	1050	1050		
12/26/2024 5:00	1050	1050		
12/26/2024 6:00	1050	1050		
12/26/2024 7:00	1050	1050		
12/26/2024 8:00	1050	1050		
12/26/2024 9:00	1050	1050		
12/26/2024 10:00	1050	1050		
12/26/2024 11:00	1050	1050		
12/26/2024 12:00	1050	1050		
12/26/2024 13:00	1050	1050		
12/26/2024 14:00	1050	1050		
12/26/2024 15:00	1050	1050		
12/26/2024 16:00	1050	1050		
12/26/2024 17:00	1050	1050		
12/26/2024 18:00	1050	1050		
12/26/2024 19:00	1050	1050		
12/26/2024 20:00	1050	1050		
12/26/2024 21:00	1050	1050		
12/26/2024 22:00	1050	1050		
12/26/2024 23:00	1050	1050		
12/27/2024 0:00	1050	1050		
12/27/2024 1:00	1049	1050		
12/27/2024 2:00	1049	1049		
12/27/2024 3:00	1049	1049		
12/27/2024 4:00	1049	1049		
12/27/2024 5:00	1049	1049		
12/27/2024 6:00	1049	1049		
12/27/2024 7:00	1049	1049		

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/27/2024 8:00	1049	1050		
12/27/2024 9:00	1050	1050		
12/27/2024 10:00	1050	1050		
12/27/2024 11:00	1050	1050		
12/27/2024 12:00	1050	1050		
12/27/2024 13:00	1050	1050		
12/27/2024 14:00	1050	1050		
12/27/2024 15:00	1050	1050		
12/27/2024 16:00	1050	1050		
12/27/2024 17:00	1050	1050		
12/27/2024 18:00	1050	1050		
12/27/2024 19:00	1050	1050		
12/27/2024 20:00	1050	1050		
12/27/2024 21:00	1050	1050		
12/27/2024 22:00	1050	1050		
12/27/2024 23:00	1050	1050		
12/28/2024 0:00	1050	1050		
12/28/2024 1:00	1050	1050		
12/28/2024 2:00	1050	1050		
12/28/2024 3:00	1050	1050		
12/28/2024 4:00	1050	1050		
12/28/2024 5:00	1050	1050		
12/28/2024 6:00	1050	1050		
12/28/2024 7:00	1050	1050		
12/28/2024 8:00	1050	1050		
12/28/2024 9:00	1050	1050		
12/28/2024 10:00	1050	1050		
12/28/2024 11:00	1050	1050		
12/28/2024 12:00	1050	1050		
12/28/2024 13:00	1050	1050		
12/28/2024 14:00	1050	1050		
12/28/2024 15:00	1050	1050		
12/28/2024 16:00	1050	1050		
12/28/2024 17:00	1050	1050		
12/28/2024 18:00	1050	1050		
12/28/2024 19:00	1050	1050		
12/28/2024 20:00	1050	1050		
12/28/2024 21:00	1050	1050		
12/28/2024 22:00	1050	1050		
12/28/2024 23:00	1050	1050		
12/29/2024 0:00	1050	1050		
12/29/2024 1:00	1050	1050		
12/29/2024 2:00	1050	1050		
12/29/2024 3:00	1050	1050		
12/29/2024 4:00	1050	1050		
12/29/2024 5:00	1050	1050		
12/29/2024 6:00	1050	1050		
12/29/2024 7:00	1050	1050		
12/29/2024 8:00	1050	1050		
12/29/2024 9:00	1050	1050		
12/29/2024 10:00	1050	1050		
12/29/2024 11:00	1050	1050		
12/29/2024 12:00	1050	1050		
12/29/2024 13:00	1050	1050		
12/29/2024 14:00	1050	1050		
12/29/2024 15:00	1050	1050		
12/29/2024 16:00	1050	1050		
12/29/2024 17:00	1050	1050		
12/29/2024 18:00	1050	1050		
12/29/2024 19:00	1050	1050		
12/29/2024 20:00	1050	1050		
12/29/2024 21:00	1050	1050		
12/29/2024 22:00	1050	1050		
12/29/2024 23:00	1050	1050		
12/30/2024 0:00	1050	1050		
12/30/2024 1:00	1050	1050		
12/30/2024 2:00	1050	1050		
12/30/2024 3:00	1050	1050		
12/30/2024 4:00	1050	1050		
12/30/2024 5:00	1050	1050		
12/30/2024 6:00	1050	1050		
12/30/2024 7:00	1050	1050		
12/30/2024 8:00	1050	1050		
12/30/2024 9:00	1050	1050		
12/30/2024 10:00	1050	1050		
12/30/2024 11:00	1050	1050		
12/30/2024 12:00	1050	1050		
12/30/2024 13:00	1050	1050		
12/30/2024 14:00	1050	1050		
12/30/2024 15:00	1050	1050		

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
12/30/2024 16:00	1050	1050		
12/30/2024 17:00	1050	1050		
12/30/2024 18:00	1050	1050		
12/30/2024 19:00	1050	1050		
12/30/2024 20:00	1050	1050		
12/30/2024 21:00	1050	1050		
12/30/2024 22:00	1050	1050		
12/30/2024 23:00	1050	1050		
12/31/2024 0:00	1050	1050		
12/31/2024 1:00	1050	1050		
12/31/2024 2:00	1050	1050		
12/31/2024 3:00	1050	1050		
12/31/2024 4:00	1050	1050		
12/31/2024 5:00	1050	1050		
12/31/2024 6:00	1050	1050		
12/31/2024 7:00	1050	1050		
12/31/2024 8:00	1050	1050		
12/31/2024 9:00	1050	1050		
12/31/2024 10:00	1050	1050		
12/31/2024 11:00	1050	1050		
12/31/2024 12:00	1050	1050		
12/31/2024 13:00	1050	1050		
12/31/2024 14:00	1050	1050		
12/31/2024 15:00	1050	1050		
12/31/2024 16:00	1050	1050		
12/31/2024 17:00	1050	1051		
12/31/2024 18:00	1050	1051		
12/31/2024 19:00	1050	1050		
12/31/2024 20:00	1050	1050		
12/31/2024 21:00	1050	1050		
12/31/2024 22:00	1050	1050		
12/31/2024 23:00	1050	1050		