



825 Rice Street  
Saint Paul, MN 55117

June 20, 2024

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 May 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 that reads '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
5/1/2024 0:00	1045	1046	5/1/2024	1200
5/1/2024 1:00	1045	1045	5/2/2024	1197
5/1/2024 2:00	1045	1045	5/3/2024	1201
5/1/2024 3:00	1045	1045	5/4/2024	1200
5/1/2024 4:00	1045	1045	5/5/2024	1199
5/1/2024 5:00	1045	1046	5/6/2024	1198
5/1/2024 6:00	1046	1046	5/7/2024	1202
5/1/2024 7:00	1046	1046	5/8/2024	1196
5/1/2024 8:00	1046	1046	5/9/2024	1193
5/1/2024 9:00	1046	1046	5/10/2024	1191
5/1/2024 10:00	1046	1046	5/11/2024	1189
5/1/2024 11:00	1045	1046	5/12/2024	1211
5/1/2024 12:00	1045	1045	5/13/2024	1200
5/1/2024 13:00	1045	1045	5/14/2024	1198
5/1/2024 14:00	1045	1045	5/15/2024	1209
5/1/2024 15:00	1045	1045	5/16/2024	1205
5/1/2024 16:00	1045	1045	5/17/2024	1204
5/1/2024 17:00	1045	1045	5/18/2024	1203
5/1/2024 18:00	1045	1045	5/19/2024	1204
5/1/2024 19:00	1045	1045	5/20/2024	1199
5/1/2024 20:00	1045	1045	5/21/2024	1202
5/1/2024 21:00	1045	1045	5/22/2024	1195
5/1/2024 22:00	1045	1045	5/23/2024	1166
5/1/2024 23:00	1045	1045	5/24/2024	1195
5/2/2024 0:00	1045	1045	5/25/2024	1201
5/2/2024 1:00	1045	1045	5/26/2024	1202
5/2/2024 2:00	1045	1045	5/27/2024	1204
5/2/2024 3:00	1045	1045	5/28/2024	1205
5/2/2024 4:00	1045	1045	5/29/2024	1203
5/2/2024 5:00	1045	1045	5/30/2024	1207
5/2/2024 6:00	1045	1045	5/31/2024	1206
5/2/2024 7:00	1045	1045		
5/2/2024 8:00	1045	1045		
5/2/2024 9:00	1045	1046		
5/2/2024 10:00	1046	1046		
5/2/2024 11:00	1045	1046		
5/2/2024 12:00	1045	1045		
5/2/2024 13:00	1045	1045		
5/2/2024 14:00	1045	1045		
5/2/2024 15:00	1045	1045		
5/2/2024 16:00	1045	1046		
5/2/2024 17:00	1046	1046		
5/2/2024 18:00	1046	1046		
5/2/2024 19:00	1046	1046		
5/2/2024 20:00	1046	1047		
5/2/2024 21:00	1047	1047		
5/2/2024 22:00	1047	1047		
5/2/2024 23:00	1047	1047		
5/3/2024 0:00	1047	1047		
5/3/2024 1:00	1047	1047		
5/3/2024 2:00	1047	1047		
5/3/2024 3:00	1047	1047		
5/3/2024 4:00	1047	1047		
5/3/2024 5:00	1047	1047		
5/3/2024 6:00	1047	1047		
5/3/2024 7:00	1047	1047		
5/3/2024 8:00	1047	1047		
5/3/2024 9:00	1047	1047		
5/3/2024 10:00	1047	1048		
5/3/2024 11:00	1048	1048		
5/3/2024 12:00	1048	1048		
5/3/2024 13:00	1048	1048		
5/3/2024 14:00	1048	1048		
5/3/2024 15:00	1048	1048		
5/3/2024 16:00	1048	1048		
5/3/2024 17:00	1048	1048		
5/3/2024 18:00	1048	1048		
5/3/2024 19:00	1048	1048		
5/3/2024 20:00	1048	1048		
5/3/2024 21:00	1048	1048		
5/3/2024 22:00	1048	1048		
5/3/2024 23:00	1047	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
5/4/2024 0:00	1047	1047		
5/4/2024 1:00	1047	1047		
5/4/2024 2:00	1047	1047		
5/4/2024 3:00	1047	1047		
5/4/2024 4:00	1047	1047		
5/4/2024 5:00	1047	1047		
5/4/2024 6:00	1047	1047		
5/4/2024 7:00	1046	1047		
5/4/2024 8:00	1046	1046		
5/4/2024 9:00	1045	1046		
5/4/2024 10:00	1045	1045		
5/4/2024 11:00	1045	1045		
5/4/2024 12:00	1045	1045		
5/4/2024 13:00	1045	1045		
5/4/2024 14:00	1045	1045		
5/4/2024 15:00	1045	1045		
5/4/2024 16:00	1045	1045		
5/4/2024 17:00	1045	1045		
5/4/2024 18:00	1045	1045		
5/4/2024 19:00	1045	1045		
5/4/2024 20:00	1045	1045		
5/4/2024 21:00	1045	1045		
5/4/2024 22:00	1045	1046		
5/4/2024 23:00	1046	1046		
5/5/2024 0:00	1046	1046		
5/5/2024 1:00	1046	1046		
5/5/2024 2:00	1046	1046		
5/5/2024 3:00	1046	1046		
5/5/2024 4:00	1045	1046		
5/5/2024 5:00	1045	1045		
5/5/2024 6:00	1045	1045		
5/5/2024 7:00	1045	1045		
5/5/2024 8:00	1045	1045		
5/5/2024 9:00	1045	1045		
5/5/2024 10:00	1045	1045		
5/5/2024 11:00	1044	1045		
5/5/2024 12:00	1044	1044		
5/5/2024 13:00	1044	1044		
5/5/2024 14:00	1044	1044		
5/5/2024 15:00	1044	1044		
5/5/2024 16:00	1044	1044		
5/5/2024 17:00	1044	1044		
5/5/2024 18:00	1044	1045		
5/5/2024 19:00	1045	1045		
5/5/2024 20:00	1045	1045		
5/5/2024 21:00	1045	1045		
5/5/2024 22:00	1045	1045		
5/5/2024 23:00	1045	1045		
5/6/2024 0:00	1045	1045		
5/6/2024 1:00	1045	1046		
5/6/2024 2:00	1046	1046		
5/6/2024 3:00	1045	1046		
5/6/2024 4:00	1045	1045		
5/6/2024 5:00	1045	1045		
5/6/2024 6:00	1045	1045		
5/6/2024 7:00	1045	1045		
5/6/2024 8:00	1045	1045		
5/6/2024 9:00	1045	1045		
5/6/2024 10:00	1045	1045		
5/6/2024 11:00	1045	1045		
5/6/2024 12:00	1045	1046		
5/6/2024 13:00	1046	1046		
5/6/2024 14:00	1046	1046		
5/6/2024 15:00	1046	1046		
5/6/2024 16:00	1046	1046		
5/6/2024 17:00	1046	1046		
5/6/2024 18:00	1046	1046		
5/6/2024 19:00	1046	1046		
5/6/2024 20:00	1046	1046		
5/6/2024 21:00	1046	1046		
5/6/2024 22:00	1046	1046		
5/6/2024 23:00	1046	1046		
5/7/2024 0:00	1046	1046		
5/7/2024 1:00	1046	1046		
5/7/2024 2:00	1046	1046		
5/7/2024 3:00	1046	1046		
5/7/2024 4:00	1046	1046		
5/7/2024 5:00	1046	1046		
5/7/2024 6:00	1046	1046		
5/7/2024 7:00	1046	1046		

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
5/7/2024 8:00	1046	1046		
5/7/2024 9:00	1046	1047		
5/7/2024 10:00	1047	1047		
5/7/2024 11:00	1047	1047		
5/7/2024 12:00	1047	1047		
5/7/2024 13:00	1046	1047		
5/7/2024 14:00	1046	1046		
5/7/2024 15:00	1046	1046		
5/7/2024 16:00	1046	1046		
5/7/2024 17:00	1046	1046		
5/7/2024 18:00	1046	1046		
5/7/2024 19:00	1046	1046		
5/7/2024 20:00	1046	1046		
5/7/2024 21:00	1046	1047		
5/7/2024 22:00	1047	1047		
5/7/2024 23:00	1047	1047		
5/8/2024 0:00	1046	1047		
5/8/2024 1:00	1046	1046		
5/8/2024 2:00	1046	1046		
5/8/2024 3:00	1046	1046		
5/8/2024 4:00	1046	1046		
5/8/2024 5:00	1046	1046		
5/8/2024 6:00	1046	1046		
5/8/2024 7:00	1046	1046		
5/8/2024 8:00	1046	1047		
5/8/2024 9:00	1047	1047		
5/8/2024 10:00	1047	1047		
5/8/2024 11:00	1047	1047		
5/8/2024 12:00	1047	1047		
5/8/2024 13:00	1047	1047		
5/8/2024 14:00	1047	1047		
5/8/2024 15:00	1047	1047		
5/8/2024 16:00	1047	1047		
5/8/2024 17:00	1047	1047		
5/8/2024 18:00	1046	1047		
5/8/2024 19:00	1046	1046		
5/8/2024 20:00	1046	1047		
5/8/2024 21:00	1047	1047		
5/8/2024 22:00	1047	1048		
5/8/2024 23:00	1048	1048		
5/9/2024 0:00	1048	1049		
5/9/2024 1:00	1049	1049		
5/9/2024 2:00	1049	1049		
5/9/2024 3:00	1048	1049		
5/9/2024 4:00	1048	1048		
5/9/2024 5:00	1048	1049		
5/9/2024 6:00	1049	1050		
5/9/2024 7:00	1050	1051		
5/9/2024 8:00	1051	1051		
5/9/2024 9:00	1050	1051		
5/9/2024 10:00	1050	1050		
5/9/2024 11:00	1050	1050		
5/9/2024 12:00	1050	1050		
5/9/2024 13:00	1050	1051		
5/9/2024 14:00	1051	1051		
5/9/2024 15:00	1051	1051		
5/9/2024 16:00	1051	1051		
5/9/2024 17:00	1051	1051		
5/9/2024 18:00	1051	1051		
5/9/2024 19:00	1051	1051		
5/9/2024 20:00	1051	1051		
5/9/2024 21:00	1051	1051		
5/9/2024 22:00	1051	1051		
5/9/2024 23:00	1051	1051		
5/10/2024 0:00	1051	1051		
5/10/2024 1:00	1050	1051		
5/10/2024 2:00	1050	1050		
5/10/2024 3:00	1049	1050		
5/10/2024 4:00	1048	1049		
5/10/2024 5:00	1048	1048		
5/10/2024 6:00	1048	1048		
5/10/2024 7:00	1047	1048		
5/10/2024 8:00	1047	1047		
5/10/2024 9:00	1047	1047		
5/10/2024 10:00	1046	1047		
5/10/2024 11:00	1046	1046		
5/10/2024 12:00	1046	1046		
5/10/2024 13:00	1046	1047		
5/10/2024 14:00	1047	1047		
5/10/2024 15:00	1047	1047		

**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
5/10/2024 16:00	1047	1047		
5/10/2024 17:00	1047	1047		
5/10/2024 18:00	1047	1047		
5/10/2024 19:00	1047	1047		
5/10/2024 20:00	1047	1047		
5/10/2024 21:00	1047	1048		
5/10/2024 22:00	1048	1048		
5/10/2024 23:00	1048	1048		
5/11/2024 0:00	1048	1048		
5/11/2024 1:00	1048	1048		
5/11/2024 2:00	1048	1048		
5/11/2024 3:00	1048	1048		
5/11/2024 4:00	1048	1048		
5/11/2024 5:00	1048	1048		
5/11/2024 6:00	1048	1048		
5/11/2024 7:00	1048	1048		
5/11/2024 8:00	1048	1048		
5/11/2024 9:00	1048	1048		
5/11/2024 10:00	1047	1048		
5/11/2024 11:00	1047	1047		
5/11/2024 12:00	1047	1047		
5/11/2024 13:00	1047	1047		
5/11/2024 14:00	1047	1047		
5/11/2024 15:00	1047	1047		
5/11/2024 16:00	1047	1047		
5/11/2024 17:00	1047	1047		
5/11/2024 18:00	1047	1047		
5/11/2024 19:00	1047	1047		
5/11/2024 20:00	1047	1047		
5/11/2024 21:00	1047	1047		
5/11/2024 22:00	1047	1047		
5/11/2024 23:00	1047	1047		
5/12/2024 0:00	1047	1047		
5/12/2024 1:00	1047	1047		
5/12/2024 2:00	1047	1047		
5/12/2024 3:00	1047	1047		
5/12/2024 4:00	1047	1047		
5/12/2024 5:00	1047	1047		
5/12/2024 6:00	1046	1047		
5/12/2024 7:00	1046	1046		
5/12/2024 8:00	1046	1046		
5/12/2024 9:00	1046	1046		
5/12/2024 10:00	1046	1046		
5/12/2024 11:00	1046	1046		
5/12/2024 12:00	1046	1046		
5/12/2024 13:00	1046	1047		
5/12/2024 14:00	1047	1047		
5/12/2024 15:00	1047	1047		
5/12/2024 16:00	1047	1048		
5/12/2024 17:00	1048	1049		
5/12/2024 18:00	1049	1049		
5/12/2024 19:00	1049	1049		
5/12/2024 20:00	1049	1049		
5/12/2024 21:00	1049	1049		
5/12/2024 22:00	1049	1049		
5/12/2024 23:00	1049	1049		
5/13/2024 0:00	1049	1049		
5/13/2024 1:00	1049	1049		
5/13/2024 2:00	1049	1049		
5/13/2024 3:00	1049	1049		
5/13/2024 4:00	1049	1049		
5/13/2024 5:00	1049	1049		
5/13/2024 6:00	1049	1049		
5/13/2024 7:00	1049	1049		
5/13/2024 8:00	1049	1049		
5/13/2024 9:00	1049	1050		
5/13/2024 10:00	1050	1050		
5/13/2024 11:00	1050	1051		
5/13/2024 12:00	1051	1052		
5/13/2024 13:00	1052	1052		
5/13/2024 14:00	1052	1052		
5/13/2024 15:00	1052	1052		
5/13/2024 16:00	1052	1052		
5/13/2024 17:00	1052	1052		
5/13/2024 18:00	1052	1052		
5/13/2024 19:00	1052	1052		
5/13/2024 20:00	1051	1052		
5/13/2024 21:00	1051	1051		
5/13/2024 22:00	1051	1051		
5/13/2024 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
5/14/2024 0:00	1051	1051		
5/14/2024 1:00	1051	1051		
5/14/2024 2:00	1051	1051		
5/14/2024 3:00	1050	1051		
5/14/2024 4:00	1050	1050		
5/14/2024 5:00	1050	1050		
5/14/2024 6:00	1050	1050		
5/14/2024 7:00	1050	1050		
5/14/2024 8:00	1050	1050		
5/14/2024 9:00	1050	1050		
5/14/2024 10:00	1050	1051		
5/14/2024 11:00	1051	1051		
5/14/2024 12:00	1051	1052		
5/14/2024 13:00	1052	1052		
5/14/2024 14:00	1052	1052		
5/14/2024 15:00	1051	1052		
5/14/2024 16:00	1051	1051		
5/14/2024 17:00	1050	1051		
5/14/2024 18:00	1050	1050		
5/14/2024 19:00	1050	1050		
5/14/2024 20:00	1050	1050		
5/14/2024 21:00	1050	1050		
5/14/2024 22:00	1050	1050		
5/14/2024 23:00	1050	1050		
5/15/2024 0:00	1050	1051		
5/15/2024 1:00	1051	1051		
5/15/2024 2:00	1050	1051		
5/15/2024 3:00	1050	1050		
5/15/2024 4:00	1049	1050		
5/15/2024 5:00	1048	1049		
5/15/2024 6:00	1047	1048		
5/15/2024 7:00	1046	1047		
5/15/2024 8:00	1046	1046		
5/15/2024 9:00	1046	1046		
5/15/2024 10:00	1046	1046		
5/15/2024 11:00	1046	1046		
5/15/2024 12:00	1046	1046		
5/15/2024 13:00	1046	1046		
5/15/2024 14:00	1046	1046		
5/15/2024 15:00	1046	1046		
5/15/2024 16:00	1046	1046		
5/15/2024 17:00	1046	1046		
5/15/2024 18:00	1045	1046		
5/15/2024 19:00	1045	1045		
5/15/2024 20:00	1045	1045		
5/15/2024 21:00	1045	1045		
5/15/2024 22:00	1045	1045		
5/15/2024 23:00	1045	1045		
5/16/2024 0:00	1045	1045		
5/16/2024 1:00	1045	1045		
5/16/2024 2:00	1045	1045		
5/16/2024 3:00	1045	1045		
5/16/2024 4:00	1045	1046		
5/16/2024 5:00	1046	1046		
5/16/2024 6:00	1046	1046		
5/16/2024 7:00	1046	1046		
5/16/2024 8:00	1045	1046		
5/16/2024 9:00	1045	1045		
5/16/2024 10:00	1045	1045		
5/16/2024 11:00	1044	1045		
5/16/2024 12:00	1044	1044		
5/16/2024 13:00	1044	1044		
5/16/2024 14:00	1044	1044		
5/16/2024 15:00	1044	1044		
5/16/2024 16:00	1044	1044		
5/16/2024 17:00	1043	1044		
5/16/2024 18:00	1043	1043		
5/16/2024 19:00	1043	1043		
5/16/2024 20:00	1043	1043		
5/16/2024 21:00	1043	1044		
5/16/2024 22:00	1044	1044		
5/16/2024 23:00	1044	1045		
5/17/2024 0:00	1045	1045		
5/17/2024 1:00	1045	1045		
5/17/2024 2:00	1045	1045		
5/17/2024 3:00	1045	1045		
5/17/2024 4:00	1045	1045		
5/17/2024 5:00	1045	1045		
5/17/2024 6:00	1044	1045		
5/17/2024 7:00	1044	1044		

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
5/17/2024 8:00	1044	1044		
5/17/2024 9:00	1044	1044		
5/17/2024 10:00	1044	1045		
5/17/2024 11:00	1045	1045		
5/17/2024 12:00	1045	1045		
5/17/2024 13:00	1045	1045		
5/17/2024 14:00	1045	1045		
5/17/2024 15:00	1045	1045		
5/17/2024 16:00	1045	1045		
5/17/2024 17:00	1045	1045		
5/17/2024 18:00	1045	1045		
5/17/2024 19:00	1045	1045		
5/17/2024 20:00	1045	1045		
5/17/2024 21:00	1045	1046		
5/17/2024 22:00	1046	1046		
5/17/2024 23:00	1046	1046		
5/18/2024 0:00	1046	1046		
5/18/2024 1:00	1045	1046		
5/18/2024 2:00	1045	1045		
5/18/2024 3:00	1045	1045		
5/18/2024 4:00	1045	1045		
5/18/2024 5:00	1045	1045		
5/18/2024 6:00	1044	1045		
5/18/2024 7:00	1044	1044		
5/18/2024 8:00	1044	1044		
5/18/2024 9:00	1044	1044		
5/18/2024 10:00	1044	1045		
5/18/2024 11:00	1045	1045		
5/18/2024 12:00	1045	1045		
5/18/2024 13:00	1045	1045		
5/18/2024 14:00	1045	1045		
5/18/2024 15:00	1045	1046		
5/18/2024 16:00	1046	1046		
5/18/2024 17:00	1046	1046		
5/18/2024 18:00	1046	1046		
5/18/2024 19:00	1046	1046		
5/18/2024 20:00	1046	1046		
5/18/2024 21:00	1046	1046		
5/18/2024 22:00	1046	1046		
5/18/2024 23:00	1046	1046		
5/19/2024 0:00	1046	1046		
5/19/2024 1:00	1046	1046		
5/19/2024 2:00	1045	1046		
5/19/2024 3:00	1045	1045		
5/19/2024 4:00	1045	1045		
5/19/2024 5:00	1045	1045		
5/19/2024 6:00	1045	1045		
5/19/2024 7:00	1045	1045		
5/19/2024 8:00	1045	1045		
5/19/2024 9:00	1045	1045		
5/19/2024 10:00	1045	1046		
5/19/2024 11:00	1046	1046		
5/19/2024 12:00	1046	1046		
5/19/2024 13:00	1046	1046		
5/19/2024 14:00	1045	1046		
5/19/2024 15:00	1045	1045		
5/19/2024 16:00	1045	1045		
5/19/2024 17:00	1045	1045		
5/19/2024 18:00	1045	1045		
5/19/2024 19:00	1045	1045		
5/19/2024 20:00	1045	1045		
5/19/2024 21:00	1045	1045		
5/19/2024 22:00	1044	1045		
5/19/2024 23:00	1044	1044		
5/20/2024 0:00	1044	1044		
5/20/2024 1:00	1044	1044		
5/20/2024 2:00	1044	1044		
5/20/2024 3:00	1044	1044		
5/20/2024 4:00	1044	1044		
5/20/2024 5:00	1044	1044		
5/20/2024 6:00	1044	1044		
5/20/2024 7:00	1044	1044		
5/20/2024 8:00	1044	1044		
5/20/2024 9:00	1044	1044		
5/20/2024 10:00	1044	1044		
5/20/2024 11:00	1044	1044		
5/20/2024 12:00	1044	1044		
5/20/2024 13:00	1044	1044		
5/20/2024 14:00	1043	1044		
5/20/2024 15:00	1043	1043		

**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
5/20/2024 16:00	1043	1043		
5/20/2024 17:00	1043	1043		
5/20/2024 18:00	1043	1043		
5/20/2024 19:00	1042	1043		
5/20/2024 20:00	1042	1042		
5/20/2024 21:00	1042	1042		
5/20/2024 22:00	1042	1042		
5/20/2024 23:00	1042	1042		
5/21/2024 0:00	1042	1042		
5/21/2024 1:00	1042	1042		
5/21/2024 2:00	1042	1042		
5/21/2024 3:00	1042	1042		
5/21/2024 4:00	1042	1042		
5/21/2024 5:00	1042	1042		
5/21/2024 6:00	1042	1042		
5/21/2024 7:00	1042	1042		
5/21/2024 8:00	1042	1042		
5/21/2024 9:00	1042	1042		
5/21/2024 10:00	1042	1042		
5/21/2024 10:00	1042	1042		
5/21/2024 11:00	1042	1042		
5/21/2024 11:00	1042	1042		
5/21/2024 12:00	1042	1042		
5/21/2024 13:00	1042	1042		
5/21/2024 14:00	1041	1042		
5/21/2024 15:00	1041	1041		
5/21/2024 16:00	1041	1041		
5/21/2024 17:00	1041	1041		
5/21/2024 18:00	1041	1041		
5/21/2024 19:00	1041	1041		
5/21/2024 20:00	1041	1041		
5/21/2024 21:00	1041	1041		
5/21/2024 22:00	1041	1041		
5/21/2024 23:00	1041	1041		
5/22/2024 0:00	1041	1041		
5/22/2024 1:00	1041	1041		
5/22/2024 2:00	1041	1041		
5/22/2024 3:00	1041	1041		
5/22/2024 4:00	1041	1041		
5/22/2024 5:00	1041	1041		
5/22/2024 6:00	1041	1041		
5/22/2024 7:00	1041	1041		
5/22/2024 8:00	1041	1041		
5/22/2024 9:00	1041	1041		
5/22/2024 10:00	1041	1041		
5/22/2024 11:00	1041	1041		
5/22/2024 12:00	1041	1041		
5/22/2024 13:00	1040	1041		
5/22/2024 14:00	1040	1040		
5/22/2024 15:00	1040	1040		
5/22/2024 16:00	1040	1040		
5/22/2024 17:00	1040	1040		
5/22/2024 18:00	1040	1040		
5/22/2024 19:00	1040	1040		
5/22/2024 20:00	1040	1040		
5/22/2024 21:00	1040	1040		
5/22/2024 22:00	1040	1040		
5/22/2024 23:00	1040	1040		
5/23/2024 0:00	1040	1040		
5/23/2024 1:00	1040	1040		
5/23/2024 2:00	1040	1040		
5/23/2024 3:00	1040	1041		
5/23/2024 4:00	1041	1041		
5/23/2024 5:00	1041	1041		
5/23/2024 6:00	1041	1041		
5/23/2024 7:00	1041	1041		
5/23/2024 8:00	1041	1041		
5/23/2024 9:00	1041	1041		
5/23/2024 10:00	1041	1041		
5/23/2024 11:00	1041	1041		
5/23/2024 12:00	1041	1041		
5/23/2024 13:00	1041	1041		
5/23/2024 14:00	1041	1041		
5/23/2024 15:00	1041	1042		
5/23/2024 16:00	1042	1042		
5/23/2024 17:00	1042	1042		
5/23/2024 18:00	1042	1042		
5/23/2024 19:00	1042	1042		
5/23/2024 20:00	1042	1042		
5/23/2024 21:00	1042	1042		

**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
5/23/2024 22:00	1042	1042		
5/23/2024 23:00	1042	1043		
5/24/2024 0:00	1043	1043		
5/24/2024 1:00	1043	1043		
5/24/2024 2:00	1043	1043		
5/24/2024 3:00	1043	1043		
5/24/2024 4:00	1043	1043		
5/24/2024 5:00	1043	1043		
5/24/2024 6:00	1043	1043		
5/24/2024 7:00	1043	1043		
5/24/2024 8:00	1043	1043		
5/24/2024 9:00	1043	1043		
5/24/2024 10:00	1043	1043		
5/24/2024 11:00	1043	1043		
5/24/2024 12:00	1043	1043		
5/24/2024 13:00	1043	1043		
5/24/2024 14:00	1043	1043		
5/24/2024 15:00	1043	1043		
5/24/2024 16:00	1043	1043		
5/24/2024 17:00	1043	1043		
5/24/2024 18:00	1042	1043		
5/24/2024 19:00	1042	1042		
5/24/2024 20:00	1042	1042		
5/24/2024 21:00	1042	1042		
5/24/2024 22:00	1041	1042		
5/24/2024 23:00	1041	1041		
5/25/2024 0:00	1041	1041		
5/25/2024 1:00	1041	1042		
5/25/2024 2:00	1042	1043		
5/25/2024 3:00	1043	1044		
5/25/2024 4:00	1044	1044		
5/25/2024 5:00	1044	1044		
5/25/2024 6:00	1044	1044		
5/25/2024 7:00	1043	1044		
5/25/2024 8:00	1043	1043		
5/25/2024 9:00	1043	1043		
5/25/2024 10:00	1043	1043		
5/25/2024 11:00	1043	1043		
5/25/2024 12:00	1043	1044		
5/25/2024 13:00	1044	1045		
5/25/2024 14:00	1045	1045		
5/25/2024 15:00	1045	1045		
5/25/2024 16:00	1045	1046		
5/25/2024 17:00	1046	1046		
5/25/2024 18:00	1046	1047		
5/25/2024 19:00	1047	1047		
5/25/2024 20:00	1047	1047		
5/25/2024 21:00	1047	1047		
5/25/2024 22:00	1047	1047		
5/25/2024 23:00	1047	1047		
5/26/2024 0:00	1047	1047		
5/26/2024 1:00	1046	1047		
5/26/2024 2:00	1046	1046		
5/26/2024 3:00	1046	1046		
5/26/2024 4:00	1045	1046		
5/26/2024 5:00	1045	1045		
5/26/2024 6:00	1045	1045		
5/26/2024 7:00	1045	1045		
5/26/2024 8:00	1044	1045		
5/26/2024 9:00	1044	1044		
5/26/2024 10:00	1044	1044		
5/26/2024 11:00	1044	1044		
5/26/2024 12:00	1044	1044		
5/26/2024 13:00	1044	1044		
5/26/2024 14:00	1044	1044		
5/26/2024 15:00	1044	1044		
5/26/2024 16:00	1044	1044		
5/26/2024 17:00	1044	1044		
5/26/2024 18:00	1044	1044		
5/26/2024 19:00	1044	1045		
5/26/2024 20:00	1045	1046		
5/26/2024 21:00	1046	1048		
5/26/2024 22:00	1048	1049		
5/26/2024 23:00	1048	1049		
5/27/2024 0:00	1047	1048		
5/27/2024 1:00	1045	1047		
5/27/2024 2:00	1044	1045		
5/27/2024 3:00	1044	1044		
5/27/2024 4:00	1043	1044		
5/27/2024 5:00	1043	1043		

**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
5/27/2024 6:00	1043	1043	1043	
5/27/2024 7:00	1043	1043	1043	
5/27/2024 8:00	1043	1043	1043	
5/27/2024 9:00	1043	1043	1043	
5/27/2024 10:00	1043	1043	1043	
5/27/2024 11:00	1043	1043	1043	
5/27/2024 12:00	1042	1043	1043	
5/27/2024 13:00	1041	1042	1042	
5/27/2024 14:00	1040	1041	1041	
5/27/2024 15:00	1040	1040	1040	
5/27/2024 16:00	1040	1040	1040	
5/27/2024 17:00	1040	1040	1040	
5/27/2024 18:00	1040	1040	1040	
5/27/2024 19:00	1040	1040	1040	
5/27/2024 20:00	1040	1040	1040	
5/27/2024 21:00	1040	1040	1040	
5/27/2024 22:00	1040	1040	1040	
5/27/2024 23:00	1040	1040	1040	
5/28/2024 0:00	1040	1041	1041	
5/28/2024 1:00	1041	1041	1041	
5/28/2024 2:00	1041	1041	1041	
5/28/2024 3:00	1040	1041	1041	
5/28/2024 4:00	1040	1040	1040	
5/28/2024 5:00	1040	1040	1040	
5/28/2024 6:00	1040	1040	1040	
5/28/2024 7:00	1040	1040	1040	
5/28/2024 8:00	1040	1040	1040	
5/28/2024 9:00	1040	1040	1040	
5/28/2024 10:00	1040	1040	1040	
5/28/2024 11:00	1040	1040	1040	
5/28/2024 12:00	1040	1040	1040	
5/28/2024 13:00	1040	1040	1040	
5/28/2024 14:00	1040	1040	1040	
5/28/2024 15:00	1040	1040	1040	
5/28/2024 16:00	1039	1040	1040	
5/28/2024 17:00	1039	1039	1039	
5/28/2024 18:00	1039	1039	1039	
5/28/2024 19:00	1039	1039	1039	
5/28/2024 20:00	1039	1039	1039	
5/28/2024 21:00	1039	1040	1040	
5/28/2024 22:00	1040	1040	1040	
5/28/2024 23:00	1039	1040	1040	
5/29/2024 0:00	1039	1039	1039	
5/29/2024 1:00	1039	1039	1039	
5/29/2024 2:00	1039	1039	1039	
5/29/2024 3:00	1039	1039	1039	
5/29/2024 4:00	1038	1039	1039	
5/29/2024 5:00	1038	1038	1038	
5/29/2024 6:00	1038	1038	1038	
5/29/2024 7:00	1038	1038	1038	
5/29/2024 8:00	1038	1038	1038	
5/29/2024 9:00	1038	1038	1038	
5/29/2024 10:00	1038	1038	1038	
5/29/2024 11:00	1037	1038	1038	
5/29/2024 12:00	1037	1037	1037	
5/29/2024 13:00	1037	1037	1037	
5/29/2024 14:00	1037	1037	1037	
5/29/2024 15:00	1037	1037	1037	
5/29/2024 16:00	1037	1037	1037	
5/29/2024 17:00	1037	1037	1037	
5/29/2024 18:00	1037	1038	1038	
5/29/2024 19:00	1038	1038	1038	
5/29/2024 20:00	1038	1038	1038	
5/29/2024 21:00	1038	1038	1038	
5/29/2024 22:00	1038	1038	1038	
5/29/2024 23:00	1038	1038	1038	
5/30/2024 0:00	1038	1038	1038	
5/30/2024 1:00	1038	1038	1038	
5/30/2024 2:00	1038	1038	1038	
5/30/2024 3:00	1038	1038	1038	
5/30/2024 4:00	1037	1038	1038	
5/30/2024 5:00	1037	1037	1037	
5/30/2024 6:00	1037	1037	1037	
5/30/2024 7:00	1037	1038	1038	
5/30/2024 8:00	1038	1039	1039	
5/30/2024 9:00	1039	1044	1044	
5/30/2024 10:00	1044	1048	1048	
5/30/2024 11:00	1048	1048	1048	
5/30/2024 12:00	1048	1051	1051	
5/30/2024 13:00	1051	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
5/30/2024 14:00	1051	1051		
5/30/2024 15:00	1051	1051		
5/30/2024 16:00	1051	1051		
5/30/2024 17:00	1051	1051		
5/30/2024 18:00	1051	1051		
5/30/2024 19:00	1051	1052		
5/30/2024 20:00	1052	1052		
5/30/2024 21:00	1052	1052		
5/30/2024 22:00	1052	1053		
5/30/2024 23:00	1053	1053		
5/31/2024 0:00	1053	1055		
5/31/2024 1:00	1055	1056		
5/31/2024 2:00	1056	1057		
5/31/2024 3:00	1056	1057		
5/31/2024 4:00	1055	1056		
5/31/2024 5:00	1053	1055		
5/31/2024 6:00	1051	1053		
5/31/2024 7:00	1050	1051		
5/31/2024 8:00	1050	1050		
5/31/2024 9:00	1050	1050		
5/31/2024 10:00	1050	1051		
5/31/2024 11:00	1051	1053		
5/31/2024 12:00	1053	1055		
5/31/2024 13:00	1055	1056		
5/31/2024 14:00	1056	1057		
5/31/2024 15:00	1056	1057		
5/31/2024 16:00	1056	1056		
5/31/2024 17:00	1056	1056		
5/31/2024 18:00	1055	1056		
5/31/2024 19:00	1054	1055		
5/31/2024 20:00	1052	1054		
5/31/2024 21:00	1049	1052		
5/31/2024 22:00	1047	1049		
5/31/2024 23:00	1045	1047		