



825 Rice Street  
Saint Paul, MN 55117

May 28, 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 April 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.

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 (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
4/1/2024 0:00	1044	1044	4/1/2024	1193
4/1/2024 1:00	1044	1044	4/2/2024	1197
4/1/2024 2:00	1044	1044	4/3/2024	1200
4/1/2024 3:00	1044	1044	4/4/2024	1195
4/1/2024 4:00	1044	1045	4/5/2024	1192
4/1/2024 5:00	1045	1045	4/6/2024	1193
4/1/2024 6:00	1045	1045	4/7/2024	1200
4/1/2024 7:00	1045	1045	4/8/2024	1201
4/1/2024 8:00	1045	1045	4/9/2024	1198
4/1/2024 9:00	1045	1045	4/10/2024	1193
4/1/2024 10:00	1045	1045	4/11/2024	1197
4/1/2024 11:00	1045	1045	4/12/2024	1199
4/1/2024 12:00	1045	1045	4/13/2024	1194
4/1/2024 13:00	1045	1045	4/14/2024	1196
4/1/2024 14:00	1045	1045	4/15/2024	1201
4/1/2024 15:00	1045	1045	4/16/2024	1200
4/1/2024 16:00	1045	1045	4/17/2024	1196
4/1/2024 17:00	1045	1045	4/18/2024	1200
4/1/2024 18:00	1045	1045	4/19/2024	1195
4/1/2024 19:00	1045	1045	4/20/2024	1188
4/1/2024 20:00	1045	1045	4/21/2024	1194
4/1/2024 21:00	1045	1045	4/22/2024	1193
4/1/2024 22:00	1045	1046	4/23/2024	1195
4/1/2024 23:00	1046	1046	4/24/2024	1198
4/2/2024 0:00	1046	1046	4/25/2024	1205
4/2/2024 1:00	1046	1046	4/26/2024	1203
4/2/2024 2:00	1046	1046	4/27/2024	1203
4/2/2024 3:00	1046	1046	4/28/2024	1198
4/2/2024 4:00	1046	1046	4/29/2024	1204
4/2/2024 5:00	1045	1046	4/30/2024	1200
4/2/2024 6:00	1045	1045		
4/2/2024 7:00	1045	1045		
4/2/2024 8:00	1045	1045		
4/2/2024 9:00	1045	1045		
4/2/2024 10:00	1045	1045		
4/2/2024 11:00	1045	1045		
4/2/2024 12:00	1045	1045		
4/2/2024 13:00	1045	1045		
4/2/2024 14:00	1045	1045		
4/2/2024 15:00	1045	1045		
4/2/2024 16:00	1045	1045		
4/2/2024 17:00	1045	1045		
4/2/2024 18:00	1045	1045		
4/2/2024 19:00	1045	1045		
4/2/2024 20:00	1045	1045		
4/2/2024 21:00	1045	1045		
4/2/2024 22:00	1045	1045		
4/2/2024 23:00	1044	1045		
4/3/2024 0:00	1044	1044		
4/3/2024 1:00	1044	1044		
4/3/2024 2:00	1044	1044		
4/3/2024 3:00	1044	1044		
4/3/2024 4:00	1044	1044		
4/3/2024 5:00	1044	1044		
4/3/2024 6:00	1044	1044		
4/3/2024 7:00	1044	1044		
4/3/2024 8:00	1044	1044		
4/3/2024 9:00	1044	1044		
4/3/2024 10:00	1044	1044		
4/3/2024 11:00	1044	1044		
4/3/2024 12:00	1044	1044		
4/3/2024 13:00	1044	1044		
4/3/2024 14:00	1044	1044		
4/3/2024 15:00	1044	1044		
4/3/2024 16:00	1044	1044		
4/3/2024 17:00	1044	1044		
4/3/2024 18:00	1044	1044		
4/3/2024 19:00	1044	1044		
4/3/2024 20:00	1044	1044		
4/3/2024 21:00	1044	1044		
4/3/2024 22:00	1044	1044		
4/3/2024 23:00	1044	1044		

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

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
4/7/2024 8:00	1045	1045		
4/7/2024 9:00	1045	1045		
4/7/2024 10:00	1045	1045		
4/7/2024 11:00	1045	1045		
4/7/2024 12:00	1045	1045		
4/7/2024 13:00	1045	1045		
4/7/2024 14:00	1045	1045		
4/7/2024 15:00	1045	1045		
4/7/2024 16:00	1045	1045		
4/7/2024 17:00	1045	1045		
4/7/2024 18:00	1045	1045		
4/7/2024 19:00	1045	1045		
4/7/2024 20:00	1045	1045		
4/7/2024 21:00	1045	1045		
4/7/2024 22:00	1045	1045		
4/7/2024 23:00	1045	1045		
4/8/2024 0:00	1045	1045		
4/8/2024 1:00	1045	1045		
4/8/2024 2:00	1045	1045		
4/8/2024 3:00	1045	1045		
4/8/2024 4:00	1045	1045		
4/8/2024 5:00	1045	1045		
4/8/2024 6:00	1045	1045		
4/8/2024 7:00	1045	1045		
4/8/2024 8:00	1045	1045		
4/8/2024 9:00	1045	1046		
4/8/2024 10:00	1046	1046		
4/8/2024 11:00	1046	1046		
4/8/2024 12:00	1046	1046		
4/8/2024 13:00	1046	1046		
4/8/2024 14:00	1046	1046		
4/8/2024 15:00	1046	1046		
4/8/2024 16:00	1046	1047		
4/8/2024 17:00	1047	1047		
4/8/2024 18:00	1047	1047		
4/8/2024 19:00	1046	1047		
4/8/2024 20:00	1046	1046		
4/8/2024 21:00	1046	1046		
4/8/2024 22:00	1046	1046		
4/8/2024 23:00	1046	1046		
4/9/2024 0:00	1046	1046		
4/9/2024 1:00	1046	1046		
4/9/2024 2:00	1046	1046		
4/9/2024 3:00	1046	1046		
4/9/2024 4:00	1046	1046		
4/9/2024 5:00	1046	1046		
4/9/2024 6:00	1046	1046		
4/9/2024 7:00	1046	1046		
4/9/2024 8:00	1046	1046		
4/9/2024 9:00	1046	1046		
4/9/2024 10:00	1046	1046		
4/9/2024 11:00	1046	1046		
4/9/2024 12:00	1046	1046		
4/9/2024 13:00	1046	1046		
4/9/2024 14:00	1046	1046		
4/9/2024 15:00	1046	1046		
4/9/2024 16:00	1046	1046		
4/9/2024 17:00	1046	1046		
4/9/2024 18:00	1046	1046		
4/9/2024 19:00	1046	1046		
4/9/2024 20:00	1046	1046		
4/9/2024 21:00	1046	1046		
4/9/2024 22:00	1046	1046		
4/9/2024 23:00	1046	1046		
4/10/2024 0:00	1046	1046		
4/10/2024 1:00	1046	1046		
4/10/2024 2:00	1046	1046		
4/10/2024 3:00	1046	1046		
4/10/2024 4:00	1046	1046		
4/10/2024 5:00	1045	1046		
4/10/2024 6:00	1045	1045		
4/10/2024 7:00	1045	1045		
4/10/2024 8:00	1045	1045		
4/10/2024 9:00	1045	1045		
4/10/2024 10:00	1045	1045		
4/10/2024 11:00	1045	1045		
4/10/2024 12:00	1045	1045		
4/10/2024 13:00	1045	1045		
4/10/2024 14:00	1045	1045		
4/10/2024 15:00	1045	1045		

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

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

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	Min BTU	Max BTU	Date	Daily Average
4/17/2024 8:00	1044	1044		
4/17/2024 9:00	1044	1044		
4/17/2024 10:00	1044	1044		
4/17/2024 11:00	1044	1044		
4/17/2024 12:00	1044	1044		
4/17/2024 13:00	1044	1044		
4/17/2024 14:00	1044	1044		
4/17/2024 15:00	1044	1044		
4/17/2024 16:00	1044	1044		
4/17/2024 17:00	1044	1044		
4/17/2024 18:00	1044	1044		
4/17/2024 19:00	1044	1044		
4/17/2024 20:00	1044	1044		
4/17/2024 21:00	1044	1044		
4/17/2024 22:00	1044	1044		
4/17/2024 23:00	1044	1044		
4/18/2024 0:00	1043	1044		
4/18/2024 1:00	1043	1043		
4/18/2024 2:00	1043	1043		
4/18/2024 3:00	1043	1043		
4/18/2024 4:00	1043	1045		
4/18/2024 5:00	1045	1045		
4/18/2024 6:00	1045	1045		
4/18/2024 7:00	1045	1045		
4/18/2024 8:00	1045	1045		
4/18/2024 9:00	1045	1047		
4/18/2024 10:00	1047	1048		
4/18/2024 11:00	1048	1048		
4/18/2024 12:00	1048	1048		
4/18/2024 13:00	1046	1048		
4/18/2024 14:00	1045	1046		
4/18/2024 15:00	1045	1045		
4/18/2024 16:00	1045	1046		
4/18/2024 17:00	1046	1046		
4/18/2024 18:00	1046	1046		
4/18/2024 19:00	1046	1046		
4/18/2024 20:00	1046	1046		
4/18/2024 21:00	1046	1046		
4/18/2024 22:00	1046	1046		
4/18/2024 23:00	1046	1047		
4/19/2024 0:00	1047	1047		
4/19/2024 1:00	1047	1047		
4/19/2024 2:00	1047	1047		
4/19/2024 3:00	1047	1047		
4/19/2024 4:00	1047	1047		
4/19/2024 5:00	1047	1047		
4/19/2024 6:00	1047	1048		
4/19/2024 7:00	1048	1048		
4/19/2024 8:00	1048	1048		
4/19/2024 9:00	1048	1048		
4/19/2024 10:00	1048	1048		
4/19/2024 11:00	1048	1048		
4/19/2024 12:00	1048	1048		
4/19/2024 13:00	1048	1048		
4/19/2024 14:00	1048	1048		
4/19/2024 15:00	1048	1048		
4/19/2024 16:00	1048	1048		
4/19/2024 17:00	1047	1048		
4/19/2024 18:00	1047	1047		
4/19/2024 19:00	1047	1047		
4/19/2024 20:00	1047	1047		
4/19/2024 21:00	1046	1047		
4/19/2024 22:00	1046	1046		
4/19/2024 23:00	1046	1046		
4/20/2024 0:00	1046	1046		
4/20/2024 1:00	1046	1046		
4/20/2024 2:00	1046	1046		
4/20/2024 3:00	1046	1046		
4/20/2024 4:00	1046	1046		
4/20/2024 5:00	1046	1046		
4/20/2024 6:00	1046	1046		
4/20/2024 7:00	1046	1047		
4/20/2024 8:00	1047	1047		
4/20/2024 9:00	1047	1047		
4/20/2024 10:00	1047	1047		
4/20/2024 11:00	1047	1047		
4/20/2024 12:00	1047	1047		
4/20/2024 13:00	1047	1047		
4/20/2024 14:00	1047	1047		
4/20/2024 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
4/20/2024 16:00	1047	1047		
4/20/2024 17:00	1047	1047		
4/20/2024 18:00	1047	1047		
4/20/2024 19:00	1047	1047		
4/20/2024 20:00	1047	1047		
4/20/2024 21:00	1047	1047		
4/20/2024 22:00	1047	1047		
4/20/2024 23:00	1047	1047		
4/21/2024 0:00	1047	1047		
4/21/2024 1:00	1047	1047		
4/21/2024 2:00	1047	1047		
4/21/2024 3:00	1047	1047		
4/21/2024 4:00	1047	1047		
4/21/2024 5:00	1047	1047		
4/21/2024 6:00	1047	1047		
4/21/2024 7:00	1047	1047		
4/21/2024 8:00	1047	1047		
4/21/2024 9:00	1047	1047		
4/21/2024 10:00	1047	1047		
4/21/2024 11:00	1047	1047		
4/21/2024 12:00	1047	1047		
4/21/2024 13:00	1047	1047		
4/21/2024 14:00	1047	1047		
4/21/2024 15:00	1047	1047		
4/21/2024 16:00	1047	1047		
4/21/2024 17:00	1046	1047		
4/21/2024 18:00	1046	1046		
4/21/2024 19:00	1046	1046		
4/21/2024 20:00	1046	1046		
4/21/2024 21:00	1046	1046		
4/21/2024 22:00	1046	1047		
4/21/2024 23:00	1047	1047		
4/22/2024 0:00	1047	1047		
4/22/2024 1:00	1047	1048		
4/22/2024 2:00	1048	1048		
4/22/2024 3:00	1048	1048		
4/22/2024 4:00	1048	1048		
4/22/2024 5:00	1048	1048		
4/22/2024 6:00	1048	1048		
4/22/2024 7:00	1048	1048		
4/22/2024 8:00	1048	1048		
4/22/2024 9:00	1048	1048		
4/22/2024 10:00	1048	1048		
4/22/2024 11:00	1047	1048		
4/22/2024 12:00	1047	1047		
4/22/2024 13:00	1047	1047		
4/22/2024 14:00	1047	1047		
4/22/2024 15:00	1047	1047		
4/22/2024 16:00	1047	1047		
4/22/2024 17:00	1047	1047		
4/22/2024 18:00	1047	1047		
4/22/2024 19:00	1047	1047		
4/22/2024 20:00	1047	1048		
4/22/2024 21:00	1048	1048		
4/22/2024 22:00	1048	1048		
4/22/2024 23:00	1048	1048		
4/23/2024 0:00	1048	1048		
4/23/2024 1:00	1047	1048		
4/23/2024 2:00	1047	1047		
4/23/2024 3:00	1047	1047		
4/23/2024 4:00	1047	1047		
4/23/2024 5:00	1047	1047		
4/23/2024 6:00	1047	1047		
4/23/2024 7:00	1047	1047		
4/23/2024 8:00	1047	1047		
4/23/2024 9:00	1046	1047		
4/23/2024 10:00	1045	1046		
4/23/2024 11:00	1045	1045		
4/23/2024 12:00	1045	1045		
4/23/2024 13:00	1045	1045		
4/23/2024 14:00	1045	1045		
4/23/2024 15:00	1045	1045		
4/23/2024 16:00	1045	1045		
4/23/2024 17:00	1045	1045		
4/23/2024 18:00	1045	1045		
4/23/2024 19:00	1045	1045		
4/23/2024 20:00	1045	1045		
4/23/2024 21:00	1045	1046		
4/23/2024 22:00	1046	1046		
4/23/2024 23:00	1046	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
4/24/2024 0:00	1047	1048		
4/24/2024 1:00	1048	1048		
4/24/2024 2:00	1046	1048		
4/24/2024 3:00	1046	1046		
4/24/2024 4:00	1046	1047		
4/24/2024 5:00	1047	1047		
4/24/2024 6:00	1047	1048		
4/24/2024 7:00	1048	1048		
4/24/2024 8:00	1048	1048		
4/24/2024 9:00	1048	1048		
4/24/2024 10:00	1048	1048		
4/24/2024 11:00	1047	1048		
4/24/2024 12:00	1047	1047		
4/24/2024 13:00	1047	1047		
4/24/2024 14:00	1045	1047		
4/24/2024 15:00	1044	1045		
4/24/2024 16:00	1044	1044		
4/24/2024 17:00	1044	1044		
4/24/2024 18:00	1044	1044		
4/24/2024 19:00	1044	1044		
4/24/2024 20:00	1044	1044		
4/24/2024 21:00	1044	1045		
4/24/2024 22:00	1045	1045		
4/24/2024 23:00	1045	1045		
4/25/2024 0:00	1044	1045		
4/25/2024 1:00	1044	1044		
4/25/2024 2:00	1044	1044		
4/25/2024 3:00	1043	1044		
4/25/2024 4:00	1043	1043		
4/25/2024 5:00	1043	1043		
4/25/2024 6:00	1043	1043		
4/25/2024 7:00	1043	1043		
4/25/2024 8:00	1043	1043		
4/25/2024 9:00	1043	1043		
4/25/2024 10:00	1043	1043		
4/25/2024 11:00	1043	1043		
4/25/2024 12:00	1043	1043		
4/25/2024 13:00	1043	1043		
4/25/2024 14:00	1043	1043		
4/25/2024 15:00	1043	1043		
4/25/2024 16:00	1043	1043		
4/25/2024 17:00	1043	1043		
4/25/2024 18:00	1043	1044		
4/25/2024 19:00	1044	1044		
4/25/2024 20:00	1044	1044		
4/25/2024 21:00	1044	1044		
4/25/2024 22:00	1044	1044		
4/25/2024 23:00	1044	1044		
4/26/2024 0:00	1044	1044		
4/26/2024 1:00	1044	1044		
4/26/2024 2:00	1044	1044		
4/26/2024 3:00	1044	1044		
4/26/2024 4:00	1044	1044		
4/26/2024 5:00	1044	1044		
4/26/2024 6:00	1044	1044		
4/26/2024 7:00	1044	1044		
4/26/2024 8:00	1044	1044		
4/26/2024 9:00	1044	1044		
4/26/2024 10:00	1044	1044		
4/26/2024 11:00	1044	1044		
4/26/2024 12:00	1044	1044		
4/26/2024 13:00	1044	1044		
4/26/2024 14:00	1044	1044		
4/26/2024 15:00	1044	1044		
4/26/2024 16:00	1044	1044		
4/26/2024 17:00	1044	1045		
4/26/2024 18:00	1045	1045		
4/26/2024 19:00	1045	1045		
4/26/2024 20:00	1045	1045		
4/26/2024 21:00	1045	1045		
4/26/2024 22:00	1045	1045		
4/26/2024 23:00	1045	1045		
4/27/2024 0:00	1045	1045		
4/27/2024 1:00	1045	1045		
4/27/2024 2:00	1045	1045		
4/27/2024 3:00	1045	1045		
4/27/2024 4:00	1045	1045		
4/27/2024 5:00	1045	1045		
4/27/2024 6:00	1045	1045		
4/27/2024 7:00	1045	1045		

**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
4/27/2024 8:00	1045	1045		
4/27/2024 9:00	1045	1046		
4/27/2024 10:00	1046	1046		
4/27/2024 11:00	1046	1046		
4/27/2024 12:00	1046	1046		
4/27/2024 13:00	1046	1046		
4/27/2024 14:00	1045	1046		
4/27/2024 15:00	1045	1045		
4/27/2024 16:00	1045	1045		
4/27/2024 17:00	1045	1045		
4/27/2024 18:00	1045	1045		
4/27/2024 19:00	1045	1045		
4/27/2024 20:00	1045	1045		
4/27/2024 21:00	1045	1045		
4/27/2024 22:00	1045	1045		
4/27/2024 23:00	1045	1045		
4/28/2024 0:00	1044	1045		
4/28/2024 1:00	1044	1044		
4/28/2024 2:00	1044	1044		
4/28/2024 3:00	1044	1044		
4/28/2024 4:00	1044	1044		
4/28/2024 5:00	1044	1044		
4/28/2024 6:00	1044	1044		
4/28/2024 7:00	1044	1044		
4/28/2024 8:00	1044	1044		
4/28/2024 9:00	1044	1044		
4/28/2024 10:00	1044	1044		
4/28/2024 11:00	1044	1044		
4/28/2024 12:00	1044	1044		
4/28/2024 13:00	1044	1044		
4/28/2024 14:00	1044	1044		
4/28/2024 15:00	1044	1044		
4/28/2024 16:00	1043	1044		
4/28/2024 17:00	1043	1043		
4/28/2024 18:00	1043	1044		
4/28/2024 19:00	1044	1045		
4/28/2024 20:00	1045	1045		
4/28/2024 21:00	1045	1046		
4/28/2024 22:00	1046	1046		
4/28/2024 23:00	1046	1047		
4/29/2024 0:00	1047	1047		
4/29/2024 1:00	1047	1047		
4/29/2024 2:00	1047	1047		
4/29/2024 3:00	1047	1048		
4/29/2024 4:00	1048	1048		
4/29/2024 5:00	1048	1048		
4/29/2024 6:00	1048	1048		
4/29/2024 7:00	1048	1048		
4/29/2024 8:00	1047	1048		
4/29/2024 9:00	1047	1048		
4/29/2024 10:00	1048	1048		
4/29/2024 11:00	1048	1048		
4/29/2024 12:00	1048	1048		
4/29/2024 13:00	1048	1048		
4/29/2024 14:00	1047	1048		
4/29/2024 15:00	1047	1047		
4/29/2024 16:00	1047	1047		
4/29/2024 17:00	1047	1047		
4/29/2024 18:00	1047	1047		
4/29/2024 19:00	1047	1047		
4/29/2024 20:00	1047	1047		
4/29/2024 21:00	1047	1047		
4/29/2024 22:00	1047	1047		
4/29/2024 23:00	1047	1047		
4/30/2024 0:00	1047	1047		
4/30/2024 1:00	1047	1047		
4/30/2024 2:00	1047	1047		
4/30/2024 3:00	1047	1047		
4/30/2024 4:00	1047	1047		
4/30/2024 5:00	1047	1047		
4/30/2024 6:00	1047	1047		
4/30/2024 7:00	1047	1047		
4/30/2024 8:00	1047	1047		
4/30/2024 9:00	1047	1047		
4/30/2024 10:00	1047	1047		
4/30/2024 11:00	1047	1047		
4/30/2024 12:00	1047	1047		
4/30/2024 13:00	1047	1047		
4/30/2024 14:00	1047	1047		
4/30/2024 15:00	1046	1047		
4/30/2024 16:00	1046	1046		
4/30/2024 17:00	1046	1046		
4/30/2024 18:00	1046	1046		
4/30/2024 19:00	1046	1046		
4/30/2024 20:00	1046	1046		
4/30/2024 21:00	1046	1046		
4/30/2024 22:00	1046	1046		
4/30/2024 23:00	1046	1046		