



825 Rice Street  
Saint Paul, MN 55117

September 12, 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 July 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
7/1/2024 0:00	1036	1036	7/1/2024	1198
7/1/2024 1:00	1036	1036	7/2/2024	1210
7/1/2024 2:00	1036	1036	7/3/2024	1212
7/1/2024 3:00	1036	1036	7/4/2024	1201
7/1/2024 4:00	1036	1036	7/5/2024	1199
7/1/2024 5:00	1036	1036	7/6/2024	1201
7/1/2024 6:00	1036	1036	7/7/2024	1202
7/1/2024 7:00	1036	1036	7/8/2024	1198
7/1/2024 8:00	1036	1036	7/9/2024	1204
7/1/2024 9:00	1036	1036	7/10/2024	1203
7/1/2024 10:00	1036	1036	7/11/2024	1204
7/1/2024 11:00	1036	1036	7/12/2024	1204
7/1/2024 12:00	1036	1036	7/13/2024	1194
7/1/2024 13:00	1036	1036	7/14/2024	1191
7/1/2024 14:00	1036	1036	7/15/2024	1203
7/1/2024 15:00	1036	1036	7/16/2024	1204
7/1/2024 16:00	1036	1036	7/17/2024	1200
7/1/2024 17:00	1036	1036	7/18/2024	1204
7/1/2024 18:00	1036	1036	7/19/2024	1201
7/1/2024 19:00	1036	1037	7/20/2024	1204
7/1/2024 20:00	1037	1037	7/21/2024	1202
7/1/2024 21:00	1037	1037	7/22/2024	1192
7/1/2024 22:00	1037	1037	7/23/2024	1191
7/1/2024 23:00	1037	1037	7/24/2024	1196
7/2/2024 0:00	1037	1037	7/25/2024	1194
7/2/2024 1:00	1037	1037	7/26/2024	1194
7/2/2024 2:00	1037	1037	7/27/2024	1199
7/2/2024 3:00	1037	1037	7/28/2024	1197
7/2/2024 4:00	1037	1037	7/29/2024	1203
7/2/2024 5:00	1037	1037	7/30/2024	1199
7/2/2024 6:00	1037	1037	7/31/2024	1197
7/2/2024 7:00	1037	1037		
7/2/2024 8:00	1037	1037		
7/2/2024 9:00	1037	1037		
7/2/2024 10:00	1036	1037		
7/2/2024 11:00	1036	1036		
7/2/2024 12:00	1036	1036		
7/2/2024 13:00	1036	1036		
7/2/2024 14:00	1036	1036		
7/2/2024 15:00	1036	1036		
7/2/2024 16:00	1036	1036		
7/2/2024 17:00	1036	1036		
7/2/2024 18:00	1036	1036		
7/2/2024 19:00	1036	1036		
7/2/2024 20:00	1036	1037		
7/2/2024 21:00	1037	1037		
7/2/2024 22:00	1037	1037		
7/2/2024 23:00	1037	1037		
7/3/2024 0:00	1037	1037		
7/3/2024 1:00	1037	1037		
7/3/2024 2:00	1036	1037		
7/3/2024 3:00	1036	1036		
7/3/2024 4:00	1036	1036		
7/3/2024 5:00	1036	1037		
7/3/2024 6:00	1037	1037		
7/3/2024 7:00	1037	1037		
7/3/2024 8:00	1037	1037		
7/3/2024 9:00	1037	1037		
7/3/2024 10:00	1037	1037		
7/3/2024 11:00	1037	1037		
7/3/2024 12:00	1037	1037		
7/3/2024 13:00	1037	1037		
7/3/2024 14:00	1037	1037		
7/3/2024 15:00	1037	1037		
7/3/2024 16:00	1037	1037		
7/3/2024 17:00	1037	1037		
7/3/2024 18:00	1037	1037		
7/3/2024 19:00	1037	1037		
7/3/2024 20:00	1037	1037		
7/3/2024 21:00	1037	1037		
7/3/2024 22:00	1037	1037		
7/3/2024 23:00	1037	1037		

**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
7/4/2024 0:00	1037	1037		
7/4/2024 1:00	1037	1037		
7/4/2024 2:00	1037	1037		
7/4/2024 3:00	1037	1037		
7/4/2024 4:00	1037	1037		
7/4/2024 5:00	1037	1037		
7/4/2024 6:00	1037	1037		
7/4/2024 7:00	1037	1037		
7/4/2024 8:00	1037	1037		
7/4/2024 9:00	1037	1037		
7/4/2024 10:00	1037	1037		
7/4/2024 11:00	1037	1037		
7/4/2024 12:00	1037	1038		
7/4/2024 13:00	1038	1038		
7/4/2024 14:00	1038	1038		
7/4/2024 15:00	1038	1038		
7/4/2024 16:00	1038	1038		
7/4/2024 17:00	1038	1038		
7/4/2024 18:00	1038	1038		
7/4/2024 19:00	1038	1038		
7/4/2024 20:00	1038	1038		
7/4/2024 21:00	1038	1038		
7/4/2024 22:00	1038	1038		
7/4/2024 23:00	1037	1038		
7/5/2024 0:00	1037	1037		
7/5/2024 1:00	1037	1037		
7/5/2024 2:00	1037	1037		
7/5/2024 3:00	1037	1037		
7/5/2024 4:00	1037	1037		
7/5/2024 5:00	1037	1037		
7/5/2024 6:00	1037	1037		
7/5/2024 7:00	1036	1037		
7/5/2024 8:00	1036	1036		
7/5/2024 9:00	1036	1036		
7/5/2024 10:00	1036	1036		
7/5/2024 11:00	1036	1037		
7/5/2024 12:00	1037	1037		
7/5/2024 13:00	1037	1037		
7/5/2024 14:00	1037	1037		
7/5/2024 15:00	1037	1037		
7/5/2024 16:00	1037	1037		
7/5/2024 17:00	1037	1037		
7/5/2024 18:00	1037	1037		
7/5/2024 19:00	1037	1037		
7/5/2024 20:00	1037	1037		
7/5/2024 21:00	1037	1037		
7/5/2024 22:00	1037	1037		
7/5/2024 23:00	1037	1037		
7/6/2024 0:00	1037	1037		
7/6/2024 1:00	1037	1037		
7/6/2024 2:00	1037	1037		
7/6/2024 3:00	1037	1037		
7/6/2024 4:00	1037	1037		
7/6/2024 5:00	1037	1037		
7/6/2024 6:00	1037	1037		
7/6/2024 7:00	1037	1037		
7/6/2024 8:00	1037	1037		
7/6/2024 9:00	1036	1037		
7/6/2024 10:00	1036	1036		
7/6/2024 11:00	1036	1036		
7/6/2024 12:00	1036	1036		
7/6/2024 13:00	1036	1036		
7/6/2024 14:00	1036	1036		
7/6/2024 15:00	1036	1036		
7/6/2024 16:00	1036	1036		
7/6/2024 17:00	1036	1036		
7/6/2024 18:00	1036	1037		
7/6/2024 19:00	1037	1037		
7/6/2024 20:00	1037	1037		
7/6/2024 21:00	1037	1037		
7/6/2024 22:00	1037	1037		
7/6/2024 23:00	1037	1038		
7/7/2024 0:00	1038	1038		
7/7/2024 1:00	1038	1038		
7/7/2024 2:00	1038	1038		
7/7/2024 3:00	1038	1038		
7/7/2024 4:00	1038	1038		
7/7/2024 5:00	1038	1039		
7/7/2024 6:00	1039	1039		
7/7/2024 7:00	1039	1039		

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
7/7/2024 8:00	1039	1039		
7/7/2024 9:00	1038	1039		
7/7/2024 10:00	1038	1038		
7/7/2024 11:00	1038	1038		
7/7/2024 12:00	1038	1038		
7/7/2024 13:00	1038	1038		
7/7/2024 14:00	1037	1038		
7/7/2024 15:00	1037	1037		
7/7/2024 16:00	1037	1037		
7/7/2024 17:00	1037	1037		
7/7/2024 18:00	1037	1037		
7/7/2024 19:00	1037	1037		
7/7/2024 20:00	1037	1037		
7/7/2024 21:00	1037	1037		
7/7/2024 22:00	1037	1037		
7/7/2024 23:00	1037	1037		
7/8/2024 0:00	1037	1037		
7/8/2024 1:00	1037	1037		
7/8/2024 2:00	1037	1037		
7/8/2024 3:00	1037	1037		
7/8/2024 4:00	1037	1037		
7/8/2024 5:00	1037	1037		
7/8/2024 6:00	1037	1037		
7/8/2024 7:00	1036	1037		
7/8/2024 8:00	1036	1036		
7/8/2024 9:00	1036	1036		
7/8/2024 10:00	1036	1036		
7/8/2024 11:00	1036	1036		
7/8/2024 12:00	1035	1036		
7/8/2024 13:00	1035	1035		
7/8/2024 14:00	1035	1035		
7/8/2024 15:00	1035	1035		
7/8/2024 16:00	1035	1035		
7/8/2024 17:00	1035	1036		
7/8/2024 18:00	1036	1036		
7/8/2024 19:00	1036	1036		
7/8/2024 20:00	1036	1036		
7/8/2024 21:00	1036	1036		
7/8/2024 22:00	1036	1036		
7/8/2024 23:00	1036	1036		
7/9/2024 0:00	1036	1036		
7/9/2024 1:00	1036	1036		
7/9/2024 2:00	1036	1036		
7/9/2024 3:00	1036	1036		
7/9/2024 4:00	1036	1036		
7/9/2024 5:00	1036	1036		
7/9/2024 6:00	1036	1036		
7/9/2024 7:00	1036	1036		
7/9/2024 8:00	1036	1036		
7/9/2024 9:00	1036	1036		
7/9/2024 10:00	1036	1036		
7/9/2024 11:00	1036	1036		
7/9/2024 12:00	1036	1036		
7/9/2024 13:00	1036	1036		
7/9/2024 14:00	1036	1036		
7/9/2024 15:00	1036	1036		
7/9/2024 16:00	1036	1036		
7/9/2024 17:00	1036	1036		
7/9/2024 18:00	1036	1037		
7/9/2024 19:00	1037	1037		
7/9/2024 20:00	1037	1037		
7/9/2024 21:00	1037	1037		
7/9/2024 22:00	1037	1037		
7/9/2024 23:00	1037	1037		
7/10/2024 0:00	1037	1037		
7/10/2024 1:00	1037	1037		
7/10/2024 2:00	1037	1037		
7/10/2024 3:00	1037	1037		
7/10/2024 4:00	1036	1037		
7/10/2024 5:00	1036	1036		
7/10/2024 6:00	1035	1036		
7/10/2024 7:00	1035	1035		
7/10/2024 8:00	1035	1035		
7/10/2024 9:00	1035	1035		
7/10/2024 10:00	1035	1035		
7/10/2024 11:00	1034	1035		
7/10/2024 12:00	1034	1034		
7/10/2024 13:00	1034	1034		
7/10/2024 14:00	1034	1035		
7/10/2024 15:00	1035	1035		

**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
7/10/2024 16:00	1035	1035		
7/10/2024 17:00	1035	1035		
7/10/2024 18:00	1035	1035		
7/10/2024 19:00	1035	1035		
7/10/2024 20:00	1035	1036		
7/10/2024 21:00	1036	1036		
7/10/2024 22:00	1036	1036		
7/10/2024 23:00	1036	1037		
7/11/2024 0:00	1037	1037		
7/11/2024 1:00	1037	1037		
7/11/2024 2:00	1037	1038		
7/11/2024 3:00	1038	1038		
7/11/2024 4:00	1038	1039		
7/11/2024 5:00	1039	1040		
7/11/2024 6:00	1040	1040		
7/11/2024 7:00	1039	1040		
7/11/2024 8:00	1039	1039		
7/11/2024 9:00	1038	1039		
7/11/2024 10:00	1038	1038		
7/11/2024 11:00	1038	1038		
7/11/2024 12:00	1038	1038		
7/11/2024 13:00	1038	1038		
7/11/2024 14:00	1038	1039		
7/11/2024 15:00	1039	1039		
7/11/2024 16:00	1039	1039		
7/11/2024 17:00	1039	1039		
7/11/2024 18:00	1039	1039		
7/11/2024 19:00	1039	1039		
7/11/2024 20:00	1038	1039		
7/11/2024 21:00	1038	1038		
7/11/2024 22:00	1038	1038		
7/11/2024 23:00	1038	1039		
7/12/2024 0:00	1039	1039		
7/12/2024 1:00	1039	1039		
7/12/2024 2:00	1039	1039		
7/12/2024 3:00	1039	1039		
7/12/2024 4:00	1038	1039		
7/12/2024 5:00	1038	1038		
7/12/2024 6:00	1038	1038		
7/12/2024 7:00	1038	1038		
7/12/2024 8:00	1038	1038		
7/12/2024 9:00	1037	1038		
7/12/2024 10:00	1037	1037		
7/12/2024 11:00	1037	1038		
7/12/2024 12:00	1038	1038		
7/12/2024 13:00	1038	1038		
7/12/2024 14:00	1038	1038		
7/12/2024 15:00	1038	1038		
7/12/2024 16:00	1037	1038		
7/12/2024 17:00	1037	1037		
7/12/2024 18:00	1037	1037		
7/12/2024 19:00	1037	1037		
7/12/2024 20:00	1037	1037		
7/12/2024 21:00	1037	1037		
7/12/2024 22:00	1037	1037		
7/12/2024 23:00	1037	1037		
7/13/2024 0:00	1037	1037		
7/13/2024 1:00	1037	1037		
7/13/2024 2:00	1037	1037		
7/13/2024 3:00	1037	1037		
7/13/2024 4:00	1037	1037		
7/13/2024 5:00	1037	1037		
7/13/2024 6:00	1037	1037		
7/13/2024 7:00	1037	1038		
7/13/2024 8:00	1038	1038		
7/13/2024 9:00	1038	1038		
7/13/2024 10:00	1038	1038		
7/13/2024 11:00	1038	1038		
7/13/2024 12:00	1038	1038		
7/13/2024 13:00	1038	1038		
7/13/2024 14:00	1038	1038		
7/13/2024 15:00	1038	1038		
7/13/2024 16:00	1038	1038		
7/13/2024 17:00	1038	1038		
7/13/2024 18:00	1038	1038		
7/13/2024 19:00	1038	1038		
7/13/2024 20:00	1038	1038		
7/13/2024 21:00	1038	1038		
7/13/2024 22:00	1038	1038		
7/13/2024 23:00	1038	1039		

**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
7/14/2024 0:00	1039	1039		
7/14/2024 1:00	1039	1039		
7/14/2024 2:00	1039	1039		
7/14/2024 3:00	1038	1039		
7/14/2024 4:00	1038	1038		
7/14/2024 5:00	1038	1038		
7/14/2024 6:00	1038	1039		
7/14/2024 7:00	1039	1040		
7/14/2024 8:00	1040	1040		
7/14/2024 9:00	1040	1041		
7/14/2024 10:00	1041	1041		
7/14/2024 11:00	1041	1041		
7/14/2024 12:00	1041	1041		
7/14/2024 13:00	1041	1041		
7/14/2024 14:00	1040	1041		
7/14/2024 15:00	1040	1040		
7/14/2024 16:00	1040	1040		
7/14/2024 17:00	1039	1040		
7/14/2024 18:00	1039	1039		
7/14/2024 19:00	1039	1039		
7/14/2024 20:00	1039	1039		
7/14/2024 21:00	1039	1039		
7/14/2024 22:00	1039	1039		
7/14/2024 23:00	1039	1039		
7/15/2024 0:00	1039	1039		
7/15/2024 1:00	1039	1039		
7/15/2024 2:00	1039	1039		
7/15/2024 3:00	1039	1040		
7/15/2024 4:00	1040	1040		
7/15/2024 5:00	1040	1041		
7/15/2024 6:00	1041	1041		
7/15/2024 7:00	1041	1041		
7/15/2024 8:00	1041	1041		
7/15/2024 9:00	1041	1041		
7/15/2024 10:00	1041	1041		
7/15/2024 11:00	1041	1041		
7/15/2024 12:00	1041	1041		
7/15/2024 13:00	1041	1041		
7/15/2024 14:00	1041	1041		
7/15/2024 15:00	1041	1041		
7/15/2024 16:00	1041	1041		
7/15/2024 17:00	1041	1041		
7/15/2024 18:00	1041	1041		
7/15/2024 19:00	1041	1041		
7/15/2024 20:00	1041	1041		
7/15/2024 21:00	1041	1042		
7/15/2024 22:00	1042	1042		
7/15/2024 23:00	1042	1042		
7/16/2024 0:00	1042	1042		
7/16/2024 1:00	1042	1042		
7/16/2024 2:00	1042	1042		
7/16/2024 3:00	1042	1043		
7/16/2024 4:00	1043	1043		
7/16/2024 5:00	1043	1043		
7/16/2024 6:00	1043	1044		
7/16/2024 7:00	1044	1044		
7/16/2024 8:00	1044	1044		
7/16/2024 9:00	1044	1044		
7/16/2024 10:00	1044	1044		
7/16/2024 11:00	1043	1044		
7/16/2024 12:00	1043	1043		
7/16/2024 13:00	1043	1043		
7/16/2024 14:00	1043	1044		
7/16/2024 15:00	1044	1044		
7/16/2024 16:00	1044	1044		
7/16/2024 17:00	1044	1044		
7/16/2024 18:00	1043	1044		
7/16/2024 19:00	1043	1043		
7/16/2024 20:00	1043	1043		
7/16/2024 21:00	1043	1043		
7/16/2024 22:00	1043	1043		
7/16/2024 23:00	1043	1043		
7/17/2024 0:00	1043	1043		
7/17/2024 1:00	1043	1043		
7/17/2024 2:00	1043	1043		
7/17/2024 3:00	1043	1043		
7/17/2024 4:00	1043	1043		
7/17/2024 5:00	1043	1043		
7/17/2024 6:00	1043	1043		
7/17/2024 7:00	1043	1043		

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

**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
7/20/2024 16:00	1046	1046		
7/20/2024 17:00	1046	1046		
7/20/2024 18:00	1046	1046		
7/20/2024 19:00	1046	1046		
7/20/2024 20:00	1046	1046		
7/20/2024 21:00	1046	1046		
7/20/2024 22:00	1046	1046		
7/20/2024 23:00	1046	1046		
7/21/2024 0:00	1046	1046		
7/21/2024 1:00	1046	1046		
7/21/2024 2:00	1046	1046		
7/21/2024 3:00	1046	1046		
7/21/2024 4:00	1045	1046		
7/21/2024 5:00	1045	1045		
7/21/2024 6:00	1045	1045		
7/21/2024 7:00	1044	1045		
7/21/2024 8:00	1044	1044		
7/21/2024 9:00	1044	1044		
7/21/2024 10:00	1044	1044		
7/21/2024 11:00	1044	1044		
7/21/2024 12:00	1044	1044		
7/21/2024 13:00	1044	1044		
7/21/2024 14:00	1044	1044		
7/21/2024 15:00	1044	1044		
7/21/2024 16:00	1044	1044		
7/21/2024 17:00	1043	1044		
7/21/2024 18:00	1043	1043		
7/21/2024 19:00	1043	1043		
7/21/2024 20:00	1043	1043		
7/21/2024 21:00	1043	1043		
7/21/2024 22:00	1043	1043		
7/21/2024 23:00	1043	1043		
7/22/2024 0:00	1043	1043		
7/22/2024 1:00	1043	1043		
7/22/2024 2:00	1043	1043		
7/22/2024 3:00	1043	1043		
7/22/2024 4:00	1043	1043		
7/22/2024 5:00	1043	1043		
7/22/2024 6:00	1043	1043		
7/22/2024 7:00	1043	1043		
7/22/2024 8:00	1043	1043		
7/22/2024 9:00	1043	1043		
7/22/2024 10:00	1043	1043		
7/22/2024 11:00	1043	1044		
7/22/2024 12:00	1044	1044		
7/22/2024 13:00	1044	1044		
7/22/2024 14:00	1044	1045		
7/22/2024 15:00	1045	1045		
7/22/2024 16:00	1045	1045		
7/22/2024 17:00	1045	1045		
7/22/2024 18:00	1044	1045		
7/22/2024 19:00	1044	1044		
7/22/2024 20:00	1043	1044		
7/22/2024 21:00	1043	1043		
7/22/2024 22:00	1043	1044		
7/22/2024 23:00	1044	1044		
7/23/2024 0:00	1044	1044		
7/23/2024 1:00	1044	1044		
7/23/2024 2:00	1044	1044		
7/23/2024 3:00	1043	1044		
7/23/2024 4:00	1043	1043		
7/23/2024 5:00	1043	1043		
7/23/2024 6:00	1043	1043		
7/23/2024 7:00	1043	1044		
7/23/2024 8:00	1044	1044		
7/23/2024 9:00	1044	1044		
7/23/2024 10:00	1044	1045		
7/23/2024 11:00	1045	1045		
7/23/2024 12:00	1045	1045		
7/23/2024 13:00	1045	1045		
7/23/2024 14:00	1044	1045		
7/23/2024 15:00	1044	1044		
7/23/2024 16:00	1044	1044		
7/23/2024 17:00	1044	1044		
7/23/2024 18:00	1044	1044		
7/23/2024 19:00	1044	1044		
7/23/2024 20:00	1044	1044		
7/23/2024 21:00	1044	1044		
7/23/2024 22:00	1044	1044		
7/23/2024 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
7/24/2024 0:00	1044	1044		
7/24/2024 1:00	1044	1044		
7/24/2024 2:00	1044	1044		
7/24/2024 3:00	1044	1044		
7/24/2024 4:00	1044	1044		
7/24/2024 5:00	1044	1044		
7/24/2024 6:00	1044	1044		
7/24/2024 7:00	1043	1044		
7/24/2024 8:00	1043	1043		
7/24/2024 9:00	1043	1043		
7/24/2024 10:00	1042	1043		
7/24/2024 11:00	1042	1042		
7/24/2024 12:00	1041	1042		
7/24/2024 13:00	1041	1041		
7/24/2024 14:00	1041	1041		
7/24/2024 15:00	1041	1041		
7/24/2024 16:00	1041	1041		
7/24/2024 17:00	1041	1041		
7/24/2024 18:00	1041	1041		
7/24/2024 19:00	1041	1041		
7/24/2024 20:00	1041	1041		
7/24/2024 21:00	1041	1041		
7/24/2024 22:00	1041	1042		
7/24/2024 23:00	1042	1042		
7/25/2024 0:00	1042	1042		
7/25/2024 1:00	1042	1043		
7/25/2024 2:00	1043	1043		
7/25/2024 3:00	1043	1043		
7/25/2024 4:00	1043	1044		
7/25/2024 5:00	1044	1046		
7/25/2024 6:00	1046	1047		
7/25/2024 7:00	1047	1049		
7/25/2024 8:00	1049	1049		
7/25/2024 9:00	1049	1050		
7/25/2024 10:00	1050	1050		
7/25/2024 11:00	1050	1050		
7/25/2024 12:00	1050	1050		
7/25/2024 13:00	1050	1050		
7/25/2024 14:00	1050	1051		
7/25/2024 15:00	1051	1052		
7/25/2024 16:00	1052	1052		
7/25/2024 17:00	1051	1052		
7/25/2024 18:00	1049	1051		
7/25/2024 19:00	1048	1049		
7/25/2024 20:00	1047	1048		
7/25/2024 21:00	1046	1047		
7/25/2024 22:00	1046	1046		
7/25/2024 23:00	1046	1046		
7/26/2024 0:00	1046	1046		
7/26/2024 1:00	1046	1046		
7/26/2024 2:00	1045	1046		
7/26/2024 3:00	1044	1045		
7/26/2024 4:00	1044	1044		
7/26/2024 5:00	1044	1044		
7/26/2024 6:00	1044	1044		
7/26/2024 7:00	1044	1045		
7/26/2024 8:00	1045	1045		
7/26/2024 9:00	1045	1045		
7/26/2024 10:00	1045	1045		
7/26/2024 11:00	1044	1045		
7/26/2024 12:00	1044	1044		
7/26/2024 13:00	1044	1044		
7/26/2024 14:00	1043	1044		
7/26/2024 15:00	1043	1043		
7/26/2024 16:00	1043	1043		
7/26/2024 17:00	1043	1043		
7/26/2024 18:00	1043	1044		
7/26/2024 19:00	1044	1044		
7/26/2024 20:00	1044	1044		
7/26/2024 21:00	1044	1044		
7/26/2024 22:00	1044	1044		
7/26/2024 23:00	1044	1044		
7/27/2024 0:00	1044	1044		
7/27/2024 1:00	1044	1044		
7/27/2024 2:00	1044	1044		
7/27/2024 3:00	1044	1044		
7/27/2024 4:00	1044	1044		
7/27/2024 5:00	1044	1044		
7/27/2024 6:00	1044	1044		
7/27/2024 7:00	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
7/27/2024 8:00	1044	1044		
7/27/2024 9:00	1043	1044		
7/27/2024 10:00	1043	1043		
7/27/2024 11:00	1043	1043		
7/27/2024 12:00	1042	1043		
7/27/2024 13:00	1042	1042		
7/27/2024 14:00	1042	1042		
7/27/2024 15:00	1042	1042		
7/27/2024 16:00	1042	1042		
7/27/2024 17:00	1042	1042		
7/27/2024 18:00	1042	1042		
7/27/2024 19:00	1042	1042		
7/27/2024 20:00	1042	1042		
7/27/2024 21:00	1042	1042		
7/27/2024 22:00	1042	1042		
7/27/2024 23:00	1042	1042		
7/28/2024 0:00	1042	1042		
7/28/2024 1:00	1042	1042		
7/28/2024 2:00	1042	1043		
7/28/2024 3:00	1043	1043		
7/28/2024 4:00	1043	1043		
7/28/2024 5:00	1043	1043		
7/28/2024 6:00	1043	1043		
7/28/2024 7:00	1043	1043		
7/28/2024 8:00	1043	1043		
7/28/2024 9:00	1043	1043		
7/28/2024 10:00	1043	1043		
7/28/2024 11:00	1043	1043		
7/28/2024 12:00	1043	1043		
7/28/2024 13:00	1043	1043		
7/28/2024 14:00	1043	1043		
7/28/2024 15:00	1042	1043		
7/28/2024 16:00	1042	1042		
7/28/2024 17:00	1042	1042		
7/28/2024 18:00	1042	1042		
7/28/2024 19:00	1042	1043		
7/28/2024 20:00	1043	1043		
7/28/2024 21:00	1043	1043		
7/28/2024 22:00	1043	1044		
7/28/2024 23:00	1044	1044		
7/29/2024 0:00	1044	1044		
7/29/2024 1:00	1044	1044		
7/29/2024 2:00	1044	1044		
7/29/2024 3:00	1044	1044		
7/29/2024 4:00	1044	1044		
7/29/2024 5:00	1044	1044		
7/29/2024 6:00	1044	1044		
7/29/2024 7:00	1044	1044		
7/29/2024 8:00	1044	1044		
7/29/2024 9:00	1043	1044		
7/29/2024 10:00	1043	1043		
7/29/2024 11:00	1043	1043		
7/29/2024 12:00	1043	1043		
7/29/2024 13:00	1043	1043		
7/29/2024 14:00	1043	1043		
7/29/2024 15:00	1043	1043		
7/29/2024 16:00	1043	1043		
7/29/2024 17:00	1043	1043		
7/29/2024 18:00	1043	1043		
7/29/2024 19:00	1043	1043		
7/29/2024 20:00	1043	1043		
7/29/2024 21:00	1043	1043		
7/29/2024 22:00	1043	1043		
7/29/2024 23:00	1043	1043		
7/30/2024 0:00	1043	1043		
7/30/2024 1:00	1043	1043		
7/30/2024 2:00	1043	1043		
7/30/2024 3:00	1043	1043		
7/30/2024 4:00	1043	1043		
7/30/2024 5:00	1043	1043		
7/30/2024 6:00	1042	1043		
7/30/2024 7:00	1042	1042		
7/30/2024 8:00	1042	1042		
7/30/2024 9:00	1042	1042		
7/30/2024 10:00	1042	1042		
7/30/2024 11:00	1042	1043		
7/30/2024 12:00	1043	1043		
7/30/2024 13:00	1043	1043		
7/30/2024 14:00	1043	1043		
7/30/2024 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
7/30/2024 16:00	1043	1043		
7/30/2024 17:00	1043	1043		
7/30/2024 18:00	1043	1043		
7/30/2024 19:00	1043	1043		
7/30/2024 20:00	1043	1043		
7/30/2024 21:00	1043	1044		
7/30/2024 22:00	1044	1044		
7/30/2024 23:00	1044	1044		
7/31/2024 0:00	1044	1044		
7/31/2024 1:00	1044	1044		
7/31/2024 2:00	1044	1044		
7/31/2024 3:00	1044	1044		
7/31/2024 4:00	1044	1044		
7/31/2024 5:00	1044	1044		
7/31/2024 6:00	1044	1044		
7/31/2024 7:00	1044	1044		
7/31/2024 8:00	1044	1044		
7/31/2024 9:00	1043	1044		
7/31/2024 10:00	1043	1043		
7/31/2024 11:00	1043	1043		
7/31/2024 12:00	1043	1043		
7/31/2024 13:00	1043	1043		
7/31/2024 14:00	1043	1043		
7/31/2024 15:00	1043	1043		
7/31/2024 16:00	1043	1043		
7/31/2024 17:00	1043	1043		
7/31/2024 18:00	1043	1043		
7/31/2024 19:00	1042	1043		
7/31/2024 20:00	1042	1042		
7/31/2024 21:00	1042	1042		
7/31/2024 22:00	1042	1042		
7/31/2024 23:00	1042	1042		