



825 Rice Street  
Saint Paul, MN 55117

December 20, 2023

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

SUBJECT: Xcel Energy Gas Heating Values Report

Dear Mr. Kahl:

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

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'. The signature is written in a cursive, flowing style.

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)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/1/2023 0:00	1041	1041			1195
11/1/2023 1:00	1041	1041			1195
11/1/2023 2:00	1041	1042			1195
11/1/2023 3:00	1042	1042			1195
11/1/2023 4:00	1042	1042			1195
11/1/2023 5:00	1042	1042			1195
11/1/2023 6:00	1042	1042			1195
11/1/2023 7:00	1042	1042			1195
11/1/2023 8:00	1042	1042			1195
11/1/2023 9:00	1042	1042			1195
11/1/2023 10:00	1042	1042			1195
11/1/2023 11:00	1042	1042			1195
11/1/2023 12:00	1042	1042			1195
11/1/2023 13:00	1042	1042			1195
11/1/2023 14:00	1042	1042			1195
11/1/2023 15:00	1042	1042			1195
11/1/2023 16:00	1042	1042			1195
11/1/2023 17:00	1041	1042			1195
11/1/2023 18:00	1041	1041			1195
11/1/2023 19:00	1041	1042			1195
11/1/2023 20:00	1042	1042			1195
11/1/2023 21:00	1042	1043			1195
11/1/2023 22:00	1043	1043			1195
11/1/2023 23:00	1043	1043			1195
11/2/2023 0:00	1043	1044			1195
11/2/2023 1:00	1044	1044			1197
11/2/2023 2:00	1044	1044			1197
11/2/2023 3:00	1044	1044			1197
11/2/2023 4:00	1044	1044			1197
11/2/2023 5:00	1044	1044			1197
11/2/2023 6:00	1044	1044			1197
11/2/2023 7:00	1044	1044			1197
11/2/2023 8:00	1044	1044			1197
11/2/2023 9:00	1044	1045			1197
11/2/2023 10:00	1045	1045			1197
11/2/2023 11:00	1045	1045			1197
11/2/2023 12:00	1045	1045			1197
11/2/2023 13:00	1045	1045			1197
11/2/2023 14:00	1044	1045			1197
11/2/2023 15:00	1044	1044			1197
11/2/2023 16:00	1044	1044			1197
11/2/2023 17:00	1044	1044			1197
11/2/2023 18:00	1044	1045			1197
11/2/2023 19:00	1045	1045			1197
11/2/2023 20:00	1045	1045			1197
11/2/2023 21:00	1045	1045			1197
11/2/2023 22:00	1045	1045			1197
11/2/2023 23:00	1045	1045			1197
11/3/2023 0:00	1045	1045			1197
11/3/2023 1:00	1045	1045			1198
11/3/2023 2:00	1045	1045			1198
11/3/2023 3:00	1045	1045			1198
11/3/2023 4:00	1045	1045			1198
11/3/2023 5:00	1045	1045			1198
11/3/2023 6:00	1045	1045			1198
11/3/2023 7:00	1045	1045			1198
11/3/2023 8:00	1045	1045			1198
11/3/2023 9:00	1045	1045			1198
11/3/2023 10:00	1045	1045			1198
11/3/2023 11:00	1045	1046			1198
11/3/2023 12:00	1046	1046			1198
11/3/2023 13:00	1046	1046			1198
11/3/2023 14:00	1046	1046			1198
11/3/2023 15:00	1045	1046			1198
11/3/2023 16:00	1045	1045			1198
11/3/2023 17:00	1045	1045			1198
11/3/2023 18:00	1045	1045			1198
11/3/2023 19:00	1045	1046			1198
11/3/2023 20:00	1046	1046			1198
11/3/2023 21:00	1046	1046			1198
11/3/2023 22:00	1046	1046			1198
11/3/2023 23:00	1046	1047			1198

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/4/2023 0:00	1047	1047			1198
11/4/2023 1:00	1047	1047			1198
11/4/2023 2:00	1047	1047			1198
11/4/2023 3:00	1047	1047			1198
11/4/2023 4:00	1047	1047			1198
11/4/2023 5:00	1047	1047			1198
11/4/2023 6:00	1046	1047			1198
11/4/2023 7:00	1046	1046			1198
11/4/2023 8:00	1046	1046			1198
11/4/2023 9:00	1046	1046			1198
11/4/2023 10:00	1046	1046			1198
11/4/2023 11:00	1046	1046			1198
11/4/2023 12:00	1046	1046			1198
11/4/2023 13:00	1046	1046			1198
11/4/2023 14:00	1046	1046			1198
11/4/2023 15:00	1046	1046			1198
11/4/2023 16:00	1046	1046			1198
11/4/2023 17:00	1046	1046			1198
11/4/2023 18:00	1046	1046			1198
11/4/2023 19:00	1046	1046			1198
11/4/2023 20:00	1046	1046			1198
11/4/2023 21:00	1046	1046			1198
11/4/2023 22:00	1046	1046			1198
11/4/2023 23:00	1046	1046			1198
11/5/2023 0:00	1046	1046			1198
11/5/2023 1:00	1046	1046			1198
11/5/2023 2:00	1046	1046			1198
11/5/2023 3:00	1046	1046			1198
11/5/2023 4:00	1046	1046			1198
11/5/2023 5:00	1046	1046			1198
11/5/2023 6:00	1046	1046			1198
11/5/2023 7:00	1046	1046			1198
11/5/2023 8:00	1046	1046			1198
11/5/2023 9:00	1046	1046			1198
11/5/2023 10:00	1046	1046			1198
11/5/2023 11:00	1046	1046			1198
11/5/2023 12:00	1046	1046			1198
11/5/2023 13:00	1046	1046			1198
11/5/2023 14:00	1046	1046			1198
11/5/2023 15:00	1046	1046			1198
11/5/2023 16:00	1046	1046			1198
11/5/2023 17:00	1046	1046			1198
11/5/2023 18:00	1046	1046			1198
11/5/2023 19:00	1046	1046			1198
11/5/2023 20:00	1046	1046			1198
11/5/2023 21:00	1046	1046			1198
11/5/2023 22:00	1046	1046			1198
11/5/2023 23:00	1046	1046			1198
11/6/2023 0:00	1046	1046			1198
11/6/2023 1:00	1046	1046			1204
11/6/2023 2:00	1046	1046			1204
11/6/2023 3:00	1046	1046			1204
11/6/2023 4:00	1046	1046			1204
11/6/2023 5:00	1046	1046			1204
11/6/2023 6:00	1046	1046			1204
11/6/2023 7:00	1046	1046			1204
11/6/2023 8:00	1046	1046			1204
11/6/2023 9:00	1046	1046			1204
11/6/2023 10:00	1046	1046			1204
11/6/2023 11:00	1046	1046			1204
11/6/2023 12:00	1046	1046			1204
11/6/2023 13:00	1045	1046			1204
11/6/2023 14:00	1045	1045			1204
11/6/2023 15:00	1045	1045			1204
11/6/2023 16:00	1045	1045			1204
11/6/2023 17:00	1045	1045			1204
11/6/2023 18:00	1045	1045			1204
11/6/2023 19:00	1045	1045			1204
11/6/2023 20:00	1045	1045			1204
11/6/2023 21:00	1045	1045			1204
11/6/2023 22:00	1045	1045			1204
11/6/2023 23:00	1045	1045			1204
11/7/2023 0:00	1045	1045			1204
11/7/2023 1:00	1045	1045			1206
11/7/2023 2:00	1045	1045			1206
11/7/2023 3:00	1045	1045			1206
11/7/2023 4:00	1045	1045			1206
11/7/2023 5:00	1045	1045			1206
11/7/2023 6:00	1044	1045			1206

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/7/2023 7:00	1044	1044			1206
11/7/2023 8:00	1044	1044			1206
11/7/2023 9:00	1044	1044			1206
11/7/2023 10:00	1044	1044			1206
11/7/2023 11:00	1043	1044			1206
11/7/2023 12:00	1043	1043			1206
11/7/2023 13:00	1043	1043			1206
11/7/2023 14:00	1043	1043			1206
11/7/2023 15:00	1043	1043			1206
11/7/2023 16:00	1043	1043			1206
11/7/2023 17:00	1043	1043			1206
11/7/2023 18:00	1043	1043			1206
11/7/2023 19:00	1043	1043			1206
11/7/2023 20:00	1043	1043			1206
11/7/2023 21:00	1043	1043			1206
11/7/2023 22:00	1043	1043			1206
11/7/2023 23:00	1043	1043			1206
11/8/2023 0:00	1043	1043			1206
11/8/2023 1:00	1043	1043			1207
11/8/2023 2:00	1043	1043			1207
11/8/2023 3:00	1043	1043			1207
11/8/2023 4:00	1043	1043			1207
11/8/2023 5:00	1043	1043			1207
11/8/2023 6:00	1043	1043			1207
11/8/2023 7:00	1043	1043			1207
11/8/2023 8:00	1042	1043			1207
11/8/2023 9:00	1042	1042			1207
11/8/2023 10:00	1042	1042			1207
11/8/2023 11:00	1042	1042			1207
11/8/2023 12:00	1042	1042			1207
11/8/2023 13:00	1042	1042			1207
11/8/2023 14:00	1042	1042			1207
11/8/2023 15:00	1042	1042			1207
11/8/2023 16:00	1042	1042			1207
11/8/2023 17:00	1042	1042			1207
11/8/2023 18:00	1042	1042			1207
11/8/2023 19:00	1042	1043			1207
11/8/2023 20:00	1043	1043			1207
11/8/2023 21:00	1043	1044			1207
11/8/2023 22:00	1044	1044			1207
11/8/2023 23:00	1044	1044			1207
11/9/2023 0:00	1044	1044			1207
11/9/2023 1:00	1044	1044			1212
11/9/2023 2:00	1043	1044			1212
11/9/2023 3:00	1043	1043			1212
11/9/2023 4:00	1043	1043			1212
11/9/2023 5:00	1043	1043			1212
11/9/2023 6:00	1043	1043			1212
11/9/2023 7:00	1043	1043			1212
11/9/2023 8:00	1043	1043			1212
11/9/2023 9:00	1042	1043			1212
11/9/2023 10:00	1042	1042			1212
11/9/2023 11:00	1042	1042			1212
11/9/2023 12:00	1042	1042			1212
11/9/2023 13:00	1042	1042			1212
11/9/2023 14:00	1042	1042			1212
11/9/2023 15:00	1042	1042			1212
11/9/2023 16:00	1042	1042			1212
11/9/2023 17:00	1042	1042			1212
11/9/2023 18:00	1042	1042			1212
11/9/2023 19:00	1042	1043			1212
11/9/2023 20:00	1043	1043			1212
11/9/2023 21:00	1043	1043			1212
11/9/2023 22:00	1043	1043			1212
11/9/2023 23:00	1042	1043			1212
11/10/2023 0:00	1042	1042			1212
11/10/2023 1:00	1042	1042			1212
11/10/2023 2:00	1042	1042			1212
11/10/2023 3:00	1042	1042			1212
11/10/2023 4:00	1042	1042			1212
11/10/2023 5:00	1042	1042			1212
11/10/2023 6:00	1042	1042			1212
11/10/2023 7:00	1042	1042			1212
11/10/2023 8:00	1042	1042			1212
11/10/2023 9:00	1042	1042			1212
11/10/2023 10:00	1042	1042			1212
11/10/2023 11:00	1042	1042			1212
11/10/2023 12:00	1042	1042			1212
11/10/2023 13:00	1042	1042			1212
11/10/2023 14:00	1042	1042			1212

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/10/2023 15:00	1042	1042			1212
11/10/2023 16:00	1042	1042			1212
11/10/2023 17:00	1042	1042			1212
11/10/2023 18:00	1042	1042			1212
11/10/2023 19:00	1042	1042			1212
11/10/2023 20:00	1042	1042			1212
11/10/2023 21:00	1042	1042			1212
11/10/2023 22:00	1042	1042			1212
11/10/2023 23:00	1042	1042			1212
11/11/2023 0:00	1042	1042			1212
11/11/2023 1:00	1042	1042			1212
11/11/2023 2:00	1042	1042			1212
11/11/2023 3:00	1042	1042			1212
11/11/2023 4:00	1042	1043			1212
11/11/2023 5:00	1043	1043			1212
11/11/2023 6:00	1043	1043			1212
11/11/2023 7:00	1043	1043			1212
11/11/2023 8:00	1043	1043			1212
11/11/2023 9:00	1043	1043			1212
11/11/2023 10:00	1043	1044			1212
11/11/2023 11:00	1044	1044			1212
11/11/2023 12:00	1044	1044			1212
11/11/2023 13:00	1044	1044			1212
11/11/2023 14:00	1044	1044			1212
11/11/2023 15:00	1044	1044			1212
11/11/2023 16:00	1044	1044			1212
11/11/2023 17:00	1044	1044			1212
11/11/2023 18:00	1044	1044			1212
11/11/2023 19:00	1044	1044			1212
11/11/2023 20:00	1044	1044			1212
11/11/2023 21:00	1044	1044			1212
11/11/2023 22:00	1044	1044			1212
11/11/2023 23:00	1044	1044			1212
11/12/2023 0:00	1044	1044			1212
11/12/2023 1:00	1044	1044			1209
11/12/2023 2:00	1044	1044			1209
11/12/2023 3:00	1044	1044			1209
11/12/2023 4:00	1044	1044			1209
11/12/2023 5:00	1044	1044			1209
11/12/2023 6:00	1044	1044			1209
11/12/2023 7:00	1044	1044			1209
11/12/2023 8:00	1044	1044			1209
11/12/2023 9:00	1044	1044			1209
11/12/2023 10:00	1044	1044			1209
11/12/2023 11:00	1044	1044			1209
11/12/2023 12:00	1044	1044			1209
11/12/2023 13:00	1044	1044			1209
11/12/2023 14:00	1044	1044			1209
11/12/2023 15:00	1044	1044			1209
11/12/2023 16:00	1044	1044			1209
11/12/2023 17:00	1044	1044			1209
11/12/2023 18:00	1043	1044			1209
11/12/2023 19:00	1043	1043			1209
11/12/2023 20:00	1043	1043			1209
11/12/2023 21:00	1043	1043			1209
11/12/2023 22:00	1043	1043			1209
11/12/2023 23:00	1042	1043			1209
11/13/2023 0:00	1042	1042			1209
11/13/2023 1:00	1042	1042			1202
11/13/2023 2:00	1042	1042			1202
11/13/2023 3:00	1042	1042			1202
11/13/2023 4:00	1042	1042			1202
11/13/2023 5:00	1042	1042			1202
11/13/2023 6:00	1042	1042			1202
11/13/2023 7:00	1042	1042			1202
11/13/2023 8:00	1042	1042			1202
11/13/2023 9:00	1042	1042			1202
11/13/2023 10:00	1042	1042			1202
11/13/2023 11:00	1042	1043			1202
11/13/2023 12:00	1043	1043			1202
11/13/2023 13:00	1043	1044			1202
11/13/2023 14:00	1044	1044			1202
11/13/2023 15:00	1044	1044			1202
11/13/2023 16:00	1044	1044			1202
11/13/2023 17:00	1044	1044			1202
11/13/2023 18:00	1044	1044			1202
11/13/2023 19:00	1043	1044			1202
11/13/2023 20:00	1043	1043			1202
11/13/2023 21:00	1043	1043			1202
11/13/2023 22:00	1043	1043			1202

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/13/2023 23:00	1043	1043			1202
11/14/2023 0:00	1043	1043			1202
11/14/2023 1:00	1043	1043			1209
11/14/2023 2:00	1043	1043			1209
11/14/2023 3:00	1043	1043			1209
11/14/2023 4:00	1043	1043			1209
11/14/2023 5:00	1043	1043			1209
11/14/2023 6:00	1043	1043			1209
11/14/2023 7:00	1043	1043			1209
11/14/2023 8:00	1043	1043			1209
11/14/2023 9:00	1043	1043			1209
11/14/2023 10:00	1043	1043			1209
11/14/2023 11:00	1043	1043			1209
11/14/2023 12:00	1043	1043			1209
11/14/2023 13:00	1043	1043			1209
11/14/2023 14:00	1042	1043			1209
11/14/2023 15:00	1042	1042			1209
11/14/2023 16:00	1042	1042			1209
11/14/2023 17:00	1042	1042			1209
11/14/2023 18:00	1042	1042			1209
11/14/2023 19:00	1042	1042			1209
11/14/2023 20:00	1042	1043			1209
11/14/2023 21:00	1043	1043			1209
11/14/2023 22:00	1043	1043			1209
11/14/2023 23:00	1043	1043			1209
11/15/2023 0:00	1043	1043			1209
11/15/2023 1:00	1043	1043			1206
11/15/2023 2:00	1043	1043			1206
11/15/2023 3:00	1043	1043			1206
11/15/2023 4:00	1043	1043			1206
11/15/2023 5:00	1043	1044			1206
11/15/2023 6:00	1044	1044			1206
11/15/2023 7:00	1044	1044			1206
11/15/2023 8:00	1044	1044			1206
11/15/2023 9:00	1044	1044			1206
11/15/2023 10:00	1044	1044			1206
11/15/2023 11:00	1044	1044			1206
11/15/2023 12:00	1044	1044			1206
11/15/2023 13:00	1044	1044			1206
11/15/2023 14:00	1044	1044			1206
11/15/2023 15:00	1044	1044			1206
11/15/2023 16:00	1044	1044			1206
11/15/2023 17:00	1044	1044			1206
11/15/2023 18:00	1043	1044			1206
11/15/2023 19:00	1043	1043			1206
11/15/2023 20:00	1043	1043			1206
11/15/2023 21:00	1043	1043			1206
11/15/2023 22:00	1043	1043			1206
11/15/2023 23:00	1043	1044			1206
11/16/2023 0:00	1044	1044			1206
11/16/2023 1:00	1044	1044			1205
11/16/2023 2:00	1044	1044			1205
11/16/2023 3:00	1044	1044			1205
11/16/2023 4:00	1044	1044			1205
11/16/2023 5:00	1044	1044			1205
11/16/2023 6:00	1044	1044			1205
11/16/2023 7:00	1044	1044			1205
11/16/2023 8:00	1044	1044			1205
11/16/2023 9:00	1044	1044			1205
11/16/2023 10:00	1044	1044			1205
11/16/2023 11:00	1044	1044			1205
11/16/2023 12:00	1044	1045			1205
11/16/2023 13:00	1045	1047			1205
11/16/2023 14:00	1047	1047			1205
11/16/2023 15:00	1047	1051			1205
11/16/2023 16:00	1050	1051			1205
11/16/2023 17:00	1049	1050			1205
11/16/2023 18:00	1047	1049			1205
11/16/2023 19:00	1046	1047			1205
11/16/2023 20:00	1045	1046			1205
11/16/2023 21:00	1044	1045			1205
11/16/2023 22:00	1044	1044			1205
11/16/2023 23:00	1043	1044			1205
11/17/2023 0:00	1043	1043			1205
11/17/2023 1:00	1043	1043			1206
11/17/2023 2:00	1043	1043			1206
11/17/2023 3:00	1042	1043			1206
11/17/2023 4:00	1042	1042			1206
11/17/2023 5:00	1042	1042			1206
11/17/2023 6:00	1041	1042			1206

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/17/2023 7:00	1041	1041			1206
11/17/2023 8:00	1041	1042			1206
11/17/2023 9:00	1042	1042			1206
11/17/2023 10:00	1042	1043			1206
11/17/2023 11:00	1043	1043			1206
11/17/2023 12:00	1042	1043			1206
11/17/2023 13:00	1042	1042			1206
11/17/2023 14:00	1042	1042			1206
11/17/2023 15:00	1042	1042			1206
11/17/2023 16:00	1042	1046			1206
11/17/2023 17:00	1042	1046			1206
11/17/2023 18:00	1042	1042			1206
11/17/2023 19:00	1042	1043			1206
11/17/2023 20:00	1043	1043			1206
11/17/2023 21:00	1043	1043			1206
11/17/2023 22:00	1043	1043			1206
11/17/2023 23:00	1043	1043			1206
11/18/2023 0:00	1043	1043			1206
11/18/2023 1:00	1043	1043			1218
11/18/2023 2:00	1043	1043			1218
11/18/2023 3:00	1043	1043			1218
11/18/2023 4:00	1043	1043			1218
11/18/2023 5:00	1043	1043			1218
11/18/2023 6:00	1043	1043			1218
11/18/2023 7:00	1043	1043			1218
11/18/2023 8:00	1042	1043			1218
11/18/2023 9:00	1042	1042			1218
11/18/2023 10:00	1042	1042			1218
11/18/2023 11:00	1042	1042			1218
11/18/2023 12:00	1042	1042			1218
11/18/2023 13:00	1042	1042			1218
11/18/2023 14:00	1042	1042			1218
11/18/2023 15:00	1042	1042			1218
11/18/2023 16:00	1042	1042			1218
11/18/2023 17:00	1042	1042			1218
11/18/2023 18:00	1042	1042			1218
11/18/2023 19:00	1042	1042			1218
11/18/2023 20:00	1042	1042			1218
11/18/2023 21:00	1042	1042			1218
11/18/2023 22:00	1042	1042			1218
11/18/2023 23:00	1042	1043			1218
11/19/2023 0:00	1043	1043			1218
11/19/2023 1:00	1043	1043			1205
11/19/2023 2:00	1043	1043			1205
11/19/2023 3:00	1043	1043			1205
11/19/2023 4:00	1043	1043			1205
11/19/2023 5:00	1043	1043			1205
11/19/2023 6:00	1043	1043			1205
11/19/2023 7:00	1043	1043			1205
11/19/2023 8:00	1043	1043			1205
11/19/2023 9:00	1043	1043			1205
11/19/2023 10:00	1043	1043			1205
11/19/2023 11:00	1043	1043			1205
11/19/2023 12:00	1043	1043			1205
11/19/2023 13:00	1043	1043			1205
11/19/2023 14:00	1043	1043			1205
11/19/2023 15:00	1043	1043			1205
11/19/2023 16:00	1043	1043			1205
11/19/2023 17:00	1043	1043			1205
11/19/2023 18:00	1043	1043			1205
11/19/2023 19:00	1043	1043			1205
11/19/2023 20:00	1043	1043			1205
11/19/2023 21:00	1043	1043			1205
11/19/2023 22:00	1043	1043			1205
11/19/2023 23:00	1043	1043			1205
11/20/2023 0:00	1043	1043			1205
11/20/2023 1:00	1042	1043			1209
11/20/2023 2:00	1042	1042			1209
11/20/2023 3:00	1042	1043			1209
11/20/2023 4:00	1043	1043			1209
11/20/2023 5:00	1043	1043			1209
11/20/2023 6:00	1043	1043			1209
11/20/2023 7:00	1042	1043			1209
11/20/2023 8:00	1042	1042			1209
11/20/2023 9:00	1042	1042			1209
11/20/2023 10:00	1042	1043			1209
11/20/2023 11:00	1043	1045			1209
11/20/2023 12:00	1045	1047			1209
11/20/2023 13:00	1047	1050			1209
11/20/2023 14:00	1050	1051			1209

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/20/2023 15:00	1047	1051			1209
11/20/2023 16:00	1047	1049			1209
11/20/2023 17:00	1049	1052			1209
11/20/2023 18:00	1052	1052			1209
11/20/2023 19:00	1052	1053			1209
11/20/2023 20:00	1053	1053			1209
11/20/2023 21:00	1053	1053			1209
11/20/2023 22:00	1053	1054			1209
11/20/2023 23:00	1054	1054			1209
11/21/2023 0:00	1054	1054			1209
11/21/2023 1:00	1054	1054			1204
11/21/2023 2:00	1054	1054			1204
11/21/2023 3:00	1054	1054			1204
11/21/2023 4:00	1054	1054			1204
11/21/2023 5:00	1053	1054			1204
11/21/2023 6:00	1053	1053			1204
11/21/2023 7:00	1053	1053			1204
11/21/2023 8:00	1053	1053			1204
11/21/2023 9:00	1053	1053			1204
11/21/2023 10:00	1053	1054			1204
11/21/2023 11:00	1054	1054			1204
11/21/2023 12:00	1054	1054			1204
11/21/2023 13:00	1054	1054			1204
11/21/2023 14:00	1054	1054			1204
11/21/2023 15:00	1054	1054			1204
11/21/2023 16:00	1054	1054			1204
11/21/2023 17:00	1053	1054			1204
11/21/2023 18:00	1053	1053			1204
11/21/2023 19:00	1052	1053			1204
11/21/2023 20:00	1052	1052			1204
11/21/2023 21:00	1051	1052			1204
11/21/2023 22:00	1051	1051			1204
11/21/2023 23:00	1051	1051			1204
11/22/2023 0:00	1051	1051			1204
11/22/2023 1:00	1050	1051			1204
11/22/2023 2:00	1050	1050			1204
11/22/2023 3:00	1049	1050			1204
11/22/2023 4:00	1049	1049			1204
11/22/2023 5:00	1048	1049			1204
11/22/2023 6:00	1048	1048			1204
11/22/2023 7:00	1048	1048			1204
11/22/2023 8:00	1047	1048			1204
11/22/2023 9:00	1046	1047			1204
11/22/2023 10:00	1045	1046			1204
11/22/2023 11:00	1045	1045			1204
11/22/2023 12:00	1044	1045			1204
11/22/2023 13:00	1044	1044			1204
11/22/2023 14:00	1043	1044			1204
11/22/2023 15:00	1043	1049			1204
11/22/2023 16:00	1049	1049			1204
11/22/2023 17:00	1043	1049			1204
11/22/2023 18:00	1043	1043			1204
11/22/2023 19:00	1043	1043			1204
11/22/2023 20:00	1043	1043			1204
11/22/2023 21:00	1042	1043			1204
11/22/2023 22:00	1042	1042			1204
11/22/2023 23:00	1041	1042			1204
11/23/2023 0:00	1041	1041			1204
11/23/2023 1:00	1041	1041			1200
11/23/2023 2:00	1041	1041			1200
11/23/2023 3:00	1041	1041			1200
11/23/2023 4:00	1041	1041			1200
11/23/2023 5:00	1041	1041			1200
11/23/2023 6:00	1041	1041			1200
11/23/2023 7:00	1041	1041			1200
11/23/2023 8:00	1041	1041			1200
11/23/2023 9:00	1041	1041			1200
11/23/2023 10:00	1041	1041			1200
11/23/2023 11:00	1041	1041			1200
11/23/2023 12:00	1041	1041			1200
11/23/2023 13:00	1041	1042			1200
11/23/2023 14:00	1042	1042			1200
11/23/2023 15:00	1042	1042			1200
11/23/2023 16:00	1042	1042			1200
11/23/2023 17:00	1042	1042			1200
11/23/2023 18:00	1042	1042			1200
11/23/2023 19:00	1042	1043			1200
11/23/2023 20:00	1043	1043			1200
11/23/2023 21:00	1043	1043			1200
11/23/2023 22:00	1043	1043			1200

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/23/2023 23:00	1043	1043			1200
11/24/2023 0:00	1042	1043			1200
11/24/2023 1:00	1042	1042			1205
11/24/2023 2:00	1042	1042			1205
11/24/2023 3:00	1042	1042			1205
11/24/2023 4:00	1042	1042			1205
11/24/2023 5:00	1042	1042			1205
11/24/2023 6:00	1042	1042			1205
11/24/2023 7:00	1042	1042			1205
11/24/2023 8:00	1042	1042			1205
11/24/2023 9:00	1042	1042			1205
11/24/2023 10:00	1042	1042			1205
11/24/2023 11:00	1042	1044			1205
11/24/2023 12:00	1044	1044			1205
11/24/2023 13:00	1044	1044			1205
11/24/2023 14:00	1043	1044			1205
11/24/2023 15:00	1043	1043			1205
11/24/2023 16:00	1043	1043			1205
11/24/2023 17:00	1043	1043			1205
11/24/2023 18:00	1043	1044			1205
11/24/2023 19:00	1044	1044			1205
11/24/2023 20:00	1044	1045			1205
11/24/2023 21:00	1045	1046			1205
11/24/2023 22:00	1045	1046			1205
11/24/2023 23:00	1045	1045			1205
11/25/2023 0:00	1045	1045			1205
11/25/2023 1:00	1045	1045			1203
11/25/2023 2:00	1045	1045			1203
11/25/2023 3:00	1045	1045			1203
11/25/2023 4:00	1044	1045			1203
11/25/2023 5:00	1044	1044			1203
11/25/2023 6:00	1044	1044			1203
11/25/2023 7:00	1044	1044			1203
11/25/2023 8:00	1044	1044			1203
11/25/2023 9:00	1044	1044			1203
11/25/2023 10:00	1044	1044			1203
11/25/2023 11:00	1044	1044			1203
11/25/2023 12:00	1044	1044			1203
11/25/2023 13:00	1044	1044			1203
11/25/2023 14:00	1044	1044			1203
11/25/2023 15:00	1044	1044			1203
11/25/2023 16:00	1044	1044			1203
11/25/2023 17:00	1044	1044			1203
11/25/2023 18:00	1044	1044			1203
11/25/2023 19:00	1044	1044			1203
11/25/2023 20:00	1044	1044			1203
11/25/2023 21:00	1044	1044			1203
11/25/2023 22:00	1043	1044			1203
11/25/2023 23:00	1043	1043			1203
11/26/2023 0:00	1043	1043			1203
11/26/2023 1:00	1043	1043			1202
11/26/2023 2:00	1043	1043			1202
11/26/2023 3:00	1043	1043			1202
11/26/2023 4:00	1043	1043			1202
11/26/2023 5:00	1042	1043			1202
11/26/2023 6:00	1042	1042			1202
11/26/2023 7:00	1042	1042			1202
11/26/2023 8:00	1042	1042			1202
11/26/2023 9:00	1042	1042			1202
11/26/2023 10:00	1042	1042			1202
11/26/2023 11:00	1042	1042			1202
11/26/2023 12:00	1042	1042			1202
11/26/2023 13:00	1042	1042			1202
11/26/2023 14:00	1042	1042			1202
11/26/2023 15:00	1042	1042			1202
11/26/2023 16:00	1042	1043			1202
11/26/2023 17:00	1043	1043			1202
11/26/2023 18:00	1043	1043			1202
11/26/2023 19:00	1043	1043			1202
11/26/2023 20:00	1043	1043			1202
11/26/2023 21:00	1043	1043			1202
11/26/2023 22:00	1043	1043			1202
11/26/2023 23:00	1043	1043			1202
11/27/2023 0:00	1043	1043			1202
11/27/2023 1:00	1043	1043			1201
11/27/2023 2:00	1043	1043			1201
11/27/2023 3:00	1043	1043			1201
11/27/2023 4:00	1043	1043			1201
11/27/2023 5:00	1043	1043			1201
11/27/2023 6:00	1043	1043			1201

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/27/2023 7:00	1043	1043			1201
11/27/2023 8:00	1043	1043			1201
11/27/2023 9:00	1043	1043			1201
11/27/2023 10:00	1043	1043			1201
11/27/2023 11:00	1043	1044			1201
11/27/2023 12:00	1044	1044			1201
11/27/2023 13:00	1044	1044			1201
11/27/2023 14:00	1044	1044			1201
11/27/2023 15:00	1044	1044			1201
11/27/2023 16:00	1044	1044			1201
11/27/2023 17:00	1043	1044			1201
11/27/2023 18:00	1043	1043			1201
11/27/2023 19:00	1043	1043			1201
11/27/2023 20:00	1043	1043			1201
11/27/2023 21:00	1043	1043			1201
11/27/2023 22:00	1043	1044			1201
11/27/2023 23:00	1044	1044			1201
11/28/2023 0:00	1044	1044			1201
11/28/2023 1:00	1044	1044			1204
11/28/2023 2:00	1044	1044			1204
11/28/2023 3:00	1044	1044			1204
11/28/2023 4:00	1044	1044			1204
11/28/2023 5:00	1044	1044			1204
11/28/2023 6:00	1044	1044			1204
11/28/2023 7:00	1044	1044			1204
11/28/2023 8:00	1044	1044			1204
11/28/2023 9:00	1044	1044			1204
11/28/2023 10:00	1044	1044			1204
11/28/2023 11:00	1044	1044			1204
11/28/2023 12:00	1044	1044			1204
11/28/2023 13:00	1044	1044			1204
11/28/2023 14:00	1044	1044			1204
11/28/2023 15:00	1044	1044			1204
11/28/2023 16:00	1044	1044			1204
11/28/2023 17:00	1044	1044			1204
11/28/2023 18:00	1044	1044			1204
11/28/2023 19:00	1044	1044			1204
11/28/2023 20:00	1044	1044			1204
11/28/2023 21:00	1044	1044			1204
11/28/2023 22:00	1044	1044			1204
11/28/2023 23:00	1044	1044			1204
11/29/2023 0:00	1044	1044			1204
11/29/2023 1:00	1044	1044			1199
11/29/2023 2:00	1044	1044			1199
11/29/2023 3:00	1044	1044			1199
11/29/2023 4:00	1044	1044			1199
11/29/2023 5:00	1044	1044			1199
11/29/2023 6:00	1044	1044			1199
11/29/2023 7:00	1044	1044			1199
11/29/2023 8:00	1044	1044			1199
11/29/2023 9:00	1044	1044			1199
11/29/2023 10:00	1044	1044			1199
11/29/2023 11:00	1044	1044			1199
11/29/2023 12:00	1044	1044			1199
11/29/2023 13:00	1044	1044			1199
11/29/2023 14:00	1044	1044			1199
11/29/2023 15:00	1044	1044			1199
11/29/2023 16:00	1043	1044			1199
11/29/2023 17:00	1042	1043			1199
11/29/2023 18:00	1041	1042			1199
11/29/2023 19:00	1040	1041			1199
11/29/2023 20:00	1039	1040			1199
11/29/2023 21:00	1039	1039			1199
11/29/2023 22:00	1039	1039			1199
11/29/2023 23:00	1039	1039			1199
11/30/2023 0:00	1039	1039			1199
11/30/2023 1:00	1038	1039			1210
11/30/2023 2:00	1038	1038			1210
11/30/2023 3:00	1038	1038			1210
11/30/2023 4:00	1038	1038			1210
11/30/2023 5:00	1037	1038			1210
11/30/2023 6:00	1037	1037			1210
11/30/2023 7:00	1037	1037			1210
11/30/2023 8:00	1037	1037			1210
11/30/2023 9:00	1037	1038			1210
11/30/2023 10:00	1038	1038			1210
11/30/2023 11:00	1038	1039			1210
11/30/2023 12:00	1039	1039			1210
11/30/2023 13:00	1039	1039			1210
11/30/2023 14:00	1039	1039			1210

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

Date/Time	Viking Gas Transmission ( Fargo )		Williston Basin Interstate ( Mapleton )		Daily Average
	Min BTU	Max BTU	Min BTU	Max BTU	
11/30/2023 15:00	1039	1039			1210
11/30/2023 16:00	1039	1039			1210
11/30/2023 17:00	1039	1039			1210
11/30/2023 18:00	1039	1039			1210
11/30/2023 19:00	1039	1039			1210
11/30/2023 20:00	1039	1039			1210
11/30/2023 21:00	1039	1039			1210
11/30/2023 22:00	1039	1041			1210
11/30/2023 23:00	1041	1044			1210