



825 Rice Street  
Saint Paul, MN 55117

January 23, 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 December 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)
	Min BTU	Max BTU	Daily Average
12/1/2023 0:00	1044	1048	1206
12/1/2023 1:00	1048	1050	1206
12/1/2023 2:00	1050	1050	1206
12/1/2023 3:00	1050	1050	1206
12/1/2023 4:00	1050	1051	1206
12/1/2023 5:00	1051	1051	1206
12/1/2023 6:00	1051	1052	1206
12/1/2023 7:00	1052	1052	1206
12/1/2023 8:00	1052	1053	1206
12/1/2023 9:00	1053	1053	1206
12/1/2023 10:00	1053	1053	1206
12/1/2023 11:00	1053	1053	1206
12/1/2023 12:00	1053	1053	1206
12/1/2023 13:00	1053	1053	1206
12/1/2023 14:00	1052	1053	1206
12/1/2023 15:00	1052	1052	1206
12/1/2023 16:00	1052	1052	1206
12/1/2023 17:00	1052	1053	1206
12/1/2023 18:00	1053	1053	1206
12/1/2023 19:00	1053	1053	1206
12/1/2023 20:00	1052	1053	1206
12/1/2023 21:00	1052	1052	1206
12/1/2023 22:00	1052	1052	1206
12/1/2023 23:00	1052	1052	1206
12/2/2023 0:00	1052	1052	1198
12/2/2023 1:00	1052	1052	1198
12/2/2023 2:00	1052	1052	1198
12/2/2023 3:00	1052	1052	1198
12/2/2023 4:00	1052	1052	1198
12/2/2023 5:00	1051	1052	1198
12/2/2023 6:00	1051	1051	1198
12/2/2023 7:00	1051	1051	1198
12/2/2023 8:00	1049	1051	1198
12/2/2023 9:00	1048	1049	1198
12/2/2023 10:00	1047	1048	1198
12/2/2023 11:00	1046	1047	1198
12/2/2023 12:00	1045	1046	1198
12/2/2023 13:00	1044	1045	1198
12/2/2023 14:00	1042	1044	1198
12/2/2023 15:00	1041	1042	1198
12/2/2023 16:00	1041	1041	1198
12/2/2023 17:00	1040	1041	1198
12/2/2023 18:00	1040	1040	1198
12/2/2023 19:00	1039	1040	1198
12/2/2023 20:00	1039	1039	1198
12/2/2023 21:00	1038	1039	1198
12/2/2023 22:00	1038	1038	1198
12/2/2023 23:00	1038	1038	1198
12/3/2023 0:00	1038	1038	1194
12/3/2023 1:00	1037	1038	1194
12/3/2023 2:00	1037	1037	1194
12/3/2023 3:00	1037	1037	1194
12/3/2023 4:00	1037	1037	1194
12/3/2023 5:00	1036	1037	1194
12/3/2023 6:00	1036	1036	1194
12/3/2023 7:00	1036	1036	1194
12/3/2023 8:00	1036	1036	1194
12/3/2023 9:00	1035	1036	1194
12/3/2023 10:00	1035	1035	1194
12/3/2023 11:00	1035	1035	1194
12/3/2023 12:00	1035	1035	1194
12/3/2023 13:00	1035	1035	1194
12/3/2023 14:00	1035	1036	1194
12/3/2023 15:00	1036	1036	1194
12/3/2023 16:00	1036	1036	1194
12/3/2023 17:00	1036	1036	1194
12/3/2023 18:00	1036	1036	1194
12/3/2023 19:00	1036	1036	1194
12/3/2023 20:00	1036	1036	1194
12/3/2023 21:00	1036	1036	1194
12/3/2023 22:00	1036	1036	1194
12/3/2023 23:00	1036	1036	1194

**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	Daily Average
12/4/2023 0:00	1036	1036	1189
12/4/2023 1:00	1036	1036	1189
12/4/2023 2:00	1036	1036	1189
12/4/2023 3:00	1036	1036	1189
12/4/2023 4:00	1036	1037	1189
12/4/2023 5:00	1037	1037	1189
12/4/2023 6:00	1037	1038	1189
12/4/2023 7:00	1038	1038	1189
12/4/2023 8:00	1038	1039	1189
12/4/2023 9:00	1039	1039	1189
12/4/2023 10:00	1039	1039	1189
12/4/2023 11:00	1039	1039	1189
12/4/2023 12:00	1039	1039	1189
12/4/2023 13:00	1038	1039	1189
12/4/2023 14:00	1038	1038	1189
12/4/2023 15:00	1038	1038	1189
12/4/2023 16:00	1038	1038	1189
12/4/2023 17:00	1038	1039	1189
12/4/2023 18:00	1039	1039	1189
12/4/2023 19:00	1038	1039	1189
12/4/2023 20:00	1038	1038	1189
12/4/2023 21:00	1038	1038	1189
12/4/2023 22:00	1038	1038	1189
12/4/2023 23:00	1038	1038	1189
12/5/2023 0:00	1038	1038	1192
12/5/2023 1:00	1038	1038	1192
12/5/2023 2:00	1038	1038	1192
12/5/2023 3:00	1038	1038	1192
12/5/2023 4:00	1038	1038	1192
12/5/2023 5:00	1038	1038	1192
12/5/2023 6:00	1038	1038	1192
12/5/2023 7:00	1038	1038	1192
12/5/2023 8:00	1038	1038	1192
12/5/2023 9:00	1038	1038	1192
12/5/2023 10:00	1038	1038	1192
12/5/2023 11:00	1038	1038	1192
12/5/2023 12:00	1038	1038	1192
12/5/2023 13:00	1038	1038	1192
12/5/2023 14:00	1038	1038	1192
12/5/2023 15:00	1038	1039	1192
12/5/2023 16:00	1039	1039	1192
12/5/2023 17:00	1039	1039	1192
12/5/2023 18:00	1039	1039	1192
12/5/2023 19:00	1039	1039	1192
12/5/2023 20:00	1038	1039	1192
12/5/2023 21:00	1038	1038	1192
12/5/2023 22:00	1038	1038	1192
12/5/2023 23:00	1038	1038	1192
12/6/2023 0:00	1038	1038	1194
12/6/2023 1:00	1038	1038	1194
12/6/2023 2:00	1038	1038	1194
12/6/2023 3:00	1038	1038	1194
12/6/2023 4:00	1038	1038	1194
12/6/2023 5:00	1038	1038	1194
12/6/2023 6:00	1038	1038	1194
12/6/2023 7:00	1038	1038	1194
12/6/2023 8:00	1037	1038	1194
12/6/2023 9:00	1037	1037	1194
12/6/2023 10:00	1037	1037	1194
12/6/2023 11:00	1037	1037	1194
12/6/2023 12:00	1037	1037	1194
12/6/2023 13:00	1037	1037	1194
12/6/2023 14:00	1037	1037	1194
12/6/2023 15:00	1037	1037	1194
12/6/2023 16:00	1037	1038	1194
12/6/2023 17:00	1038	1038	1194
12/6/2023 18:00	1038	1039	1194
12/6/2023 19:00	1039	1039	1194
12/6/2023 20:00	1039	1039	1194
12/6/2023 21:00	1039	1039	1194
12/6/2023 22:00	1039	1039	1194
12/6/2023 23:00	1039	1039	1194

**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	Daily Average
12/7/2023 0:00	1039	1039	1201
12/7/2023 1:00	1039	1039	1201
12/7/2023 2:00	1039	1039	1201
12/7/2023 3:00	1039	1039	1201
12/7/2023 4:00	1039	1039	1201
12/7/2023 5:00	1039	1039	1201
12/7/2023 6:00	1039	1039	1201
12/7/2023 7:00	1039	1039	1201
12/7/2023 8:00	1039	1039	1201
12/7/2023 9:00	1039	1039	1201
12/7/2023 10:00	1039	1040	1201
12/7/2023 11:00	1040	1040	1201
12/7/2023 12:00	1040	1040	1201
12/7/2023 13:00	1040	1040	1201
12/7/2023 14:00	1040	1040	1201
12/7/2023 15:00	1040	1040	1201
12/7/2023 16:00	1040	1040	1201
12/7/2023 17:00	1040	1040	1201
12/7/2023 18:00	1040	1040	1201
12/7/2023 19:00	1040	1040	1201
12/7/2023 20:00	1040	1040	1201
12/7/2023 21:00	1040	1040	1201
12/7/2023 22:00	1040	1040	1201
12/7/2023 23:00	1040	1040	1201
12/8/2023 0:00	1040	1040	1205
12/8/2023 1:00	1040	1040	1205
12/8/2023 2:00	1040	1040	1205
12/8/2023 3:00	1040	1040	1205
12/8/2023 4:00	1040	1040	1205
12/8/2023 5:00	1040	1040	1205
12/8/2023 6:00	1040	1040	1205
12/8/2023 7:00	1040	1040	1205
12/8/2023 8:00	1040	1040	1205
12/8/2023 9:00	1040	1040	1205
12/8/2023 10:00	1040	1040	1205
12/8/2023 11:00	1040	1040	1205
12/8/2023 12:00	1040	1040	1205
12/8/2023 13:00	1040	1040	1205
12/8/2023 14:00	1040	1040	1205
12/8/2023 15:00	1040	1040	1205
12/8/2023 16:00	1040	1040	1205
12/8/2023 17:00	1040	1040	1205
12/8/2023 18:00	1040	1040	1205
12/8/2023 19:00	1040	1040	1205
12/8/2023 20:00	1040	1040	1205
12/8/2023 21:00	1040	1040	1205
12/8/2023 22:00	1040	1040	1205
12/8/2023 23:00	1040	1040	1205
12/9/2023 0:00	1040	1040	1205
12/9/2023 1:00	1040	1040	1205
12/9/2023 2:00	1040	1040	1205
12/9/2023 3:00	1038	1040	1205
12/9/2023 4:00	1038	1039	1205
12/9/2023 5:00	1039	1039	1205
12/9/2023 6:00	1039	1039	1205
12/9/2023 7:00	1039	1039	1205
12/9/2023 8:00	1039	1039	1205
12/9/2023 9:00	1039	1039	1205
12/9/2023 10:00	1039	1039	1205
12/9/2023 11:00	1039	1039	1205
12/9/2023 12:00	1039	1039	1205
12/9/2023 13:00	1039	1039	1205
12/9/2023 14:00	1039	1040	1205
12/9/2023 15:00	1040	1040	1205
12/9/2023 16:00	1040	1040	1205
12/9/2023 17:00	1040	1040	1205
12/9/2023 18:00	1040	1040	1205
12/9/2023 19:00	1040	1040	1205
12/9/2023 20:00	1040	1040	1205
12/9/2023 21:00	1040	1040	1205
12/9/2023 22:00	1040	1040	1205
12/9/2023 23:00	1039	1040	1205

**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	Daily Average
12/10/2023 0:00	1038	1039	1209
12/10/2023 1:00	1038	1038	1209
12/10/2023 2:00	1038	1038	1209
12/10/2023 3:00	1037	1038	1209
12/10/2023 4:00	1037	1037	1209
12/10/2023 5:00	1037	1037	1209
12/10/2023 6:00	1037	1037	1209
12/10/2023 7:00	1037	1037	1209
12/10/2023 8:00	1037	1038	1209
12/10/2023 9:00	1038	1038	1209
12/10/2023 10:00	1038	1039	1209
12/10/2023 11:00	1039	1039	1209
12/10/2023 12:00	1039	1039	1209
12/10/2023 13:00	1039	1039	1209
12/10/2023 14:00	1039	1039	1209
12/10/2023 15:00	1039	1039	1209
12/10/2023 16:00	1039	1039	1209
12/10/2023 17:00	1039	1040	1209
12/10/2023 18:00	1040	1040	1209
12/10/2023 19:00	1040	1040	1209
12/10/2023 20:00	1040	1040	1209
12/10/2023 21:00	1039	1040	1209
12/10/2023 22:00	1039	1039	1209
12/10/2023 23:00	1039	1039	1209
12/11/2023 0:00	1039	1039	1206
12/11/2023 1:00	1039	1039	1206
12/11/2023 2:00	1039	1039	1206
12/11/2023 3:00	1039	1039	1206
12/11/2023 4:00	1039	1039	1206
12/11/2023 5:00	1039	1039	1206
12/11/2023 6:00	1039	1039	1206
12/11/2023 7:00	1039	1039	1206
12/11/2023 8:00	1039	1039	1206
12/11/2023 9:00	1039	1039	1206
12/11/2023 10:00	1039	1040	1206
12/11/2023 11:00	1040	1040	1206
12/11/2023 12:00	1040	1040	1206
12/11/2023 13:00	1040	1040	1206
12/11/2023 14:00	1040	1040	1206
12/11/2023 15:00	1040	1040	1206
12/11/2023 16:00	1040	1040	1206
12/11/2023 17:00	1040	1040	1206
12/11/2023 18:00	1040	1040	1206
12/11/2023 19:00	1040	1040	1206
12/11/2023 20:00	1039	1040	1206
12/11/2023 21:00	1039	1039	1206
12/11/2023 22:00	1039	1039	1206
12/11/2023 23:00	1039	1039	1206
12/12/2023 0:00	1039	1039	1207
12/12/2023 1:00	1039	1039	1207
12/12/2023 2:00	1039	1039	1207
12/12/2023 3:00	1039	1039	1207
12/12/2023 4:00	1039	1039	1207
12/12/2023 5:00	1039	1039	1207
12/12/2023 6:00	1039	1039	1207
12/12/2023 7:00	1039	1039	1207
12/12/2023 8:00	1039	1039	1207
12/12/2023 9:00	1039	1040	1207
12/12/2023 10:00	1040	1040	1207
12/12/2023 11:00	1040	1040	1207
12/12/2023 12:00	1040	1040	1207
12/12/2023 13:00	1040	1040	1207
12/12/2023 14:00	1040	1040	1207
12/12/2023 15:00	1040	1040	1207
12/12/2023 16:00	1040	1041	1207
12/12/2023 17:00	1041	1041	1207
12/12/2023 18:00	1041	1041	1207
12/12/2023 19:00	1040	1041	1207
12/12/2023 20:00	1040	1040	1207
12/12/2023 21:00	1040	1040	1207
12/12/2023 22:00	1040	1040	1207
12/12/2023 23:00	1040	1040	1207

**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	Daily Average
12/13/2023 0:00	1040	1040	1200
12/13/2023 1:00	1040	1040	1200
12/13/2023 2:00	1040	1040	1200
12/13/2023 3:00	1040	1040	1200
12/13/2023 4:00	1039	1040	1200
12/13/2023 5:00	1039	1039	1200
12/13/2023 6:00	1039	1039	1200
12/13/2023 7:00	1039	1039	1200
12/13/2023 8:00	1039	1040	1200
12/13/2023 9:00	1040	1040	1200
12/13/2023 10:00	1040	1041	1200
12/13/2023 11:00	1041	1041	1200
12/13/2023 12:00	1041	1041	1200
12/13/2023 13:00	1041	1041	1200
12/13/2023 14:00	1041	1041	1200
12/13/2023 15:00	1041	1041	1200
12/13/2023 16:00	1041	1041	1200
12/13/2023 17:00	1041	1041	1200
12/13/2023 18:00	1041	1041	1200
12/13/2023 19:00	1040	1041	1200
12/13/2023 20:00	1040	1040	1200
12/13/2023 21:00	1040	1040	1200
12/13/2023 22:00	1040	1040	1200
12/13/2023 23:00	1040	1040	1200
12/14/2023 0:00	1040	1040	1205
12/14/2023 1:00	1040	1040	1205
12/14/2023 2:00	1040	1040	1205
12/14/2023 3:00	1040	1040	1205
12/14/2023 4:00	1040	1041	1205
12/14/2023 5:00	1041	1041	1205
12/14/2023 6:00	1041	1041	1205
12/14/2023 7:00	1041	1041	1205
12/14/2023 8:00	1041	1041	1205
12/14/2023 9:00	1041	1041	1205
12/14/2023 10:00	1041	1041	1205
12/14/2023 11:00	1041	1041	1205
12/14/2023 12:00	1041	1041	1205
12/14/2023 13:00	1041	1041	1205
12/14/2023 14:00	1041	1041	1205
12/14/2023 15:00	1041	1041	1205
12/14/2023 16:00	1041	1041	1205
12/14/2023 17:00	1041	1041	1205
12/14/2023 18:00	1041	1041	1205
12/14/2023 19:00	1041	1041	1205
12/14/2023 20:00	1041	1041	1205
12/14/2023 21:00	1041	1042	1205
12/14/2023 22:00	1042	1042	1205
12/14/2023 23:00	1042	1042	1205
12/15/2023 0:00	1041	1042	1209
12/15/2023 1:00	1041	1041	1209
12/15/2023 2:00	1041	1041	1209
12/15/2023 3:00	1040	1041	1209
12/15/2023 4:00	1040	1040	1209
12/15/2023 5:00	1040	1041	1209
12/15/2023 6:00	1041	1041	1209
12/15/2023 7:00	1041	1041	1209
12/15/2023 8:00	1041	1041	1209
12/15/2023 9:00	1041	1041	1209
12/15/2023 10:00	1041	1042	1209
12/15/2023 11:00	1042	1042	1209
12/15/2023 12:00	1042	1042	1209
12/15/2023 13:00	1042	1042	1209
12/15/2023 14:00	1042	1042	1209
12/15/2023 15:00	1042	1042	1209
12/15/2023 16:00	1042	1042	1209
12/15/2023 17:00	1042	1042	1209
12/15/2023 18:00	1042	1042	1209
12/15/2023 19:00	1042	1043	1209
12/15/2023 20:00	1043	1044	1209
12/15/2023 21:00	1044	1044	1209
12/15/2023 22:00	1044	1045	1209
12/15/2023 23:00	1045	1045	1209

**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	Daily Average
12/16/2023 0:00	1045	1045	1200
12/16/2023 1:00	1045	1045	1200
12/16/2023 2:00	1045	1045	1200
12/16/2023 3:00	1045	1045	1200
12/16/2023 4:00	1045	1045	1200
12/16/2023 5:00	1045	1045	1200
12/16/2023 6:00	1045	1045	1200
12/16/2023 7:00	1045	1045	1200
12/16/2023 8:00	1045	1045	1200
12/16/2023 9:00	1045	1045	1200
12/16/2023 10:00	1045	1045	1200
12/16/2023 11:00	1045	1045	1200
12/16/2023 12:00	1045	1045	1200
12/16/2023 13:00	1045	1045	1200
12/16/2023 14:00	1045	1045	1200
12/16/2023 15:00	1045	1046	1200
12/16/2023 16:00	1046	1046	1200
12/16/2023 17:00	1046	1046	1200
12/16/2023 18:00	1046	1046	1200
12/16/2023 19:00	1046	1046	1200
12/16/2023 20:00	1046	1046	1200
12/16/2023 21:00	1046	1046	1200
12/16/2023 22:00	1046	1047	1200
12/16/2023 23:00	1047	1047	1200
12/17/2023 0:00	1047	1047	1202
12/17/2023 1:00	1047	1047	1202
12/17/2023 2:00	1046	1047	1202
12/17/2023 3:00	1046	1046	1202
12/17/2023 4:00	1046	1046	1202
12/17/2023 5:00	1046	1046	1202
12/17/2023 6:00	1046	1047	1202
12/17/2023 7:00	1047	1047	1202
12/17/2023 8:00	1047	1047	1202
12/17/2023 9:00	1047	1047	1202
12/17/2023 10:00	1047	1047	1202
12/17/2023 11:00	1047	1047	1202
12/17/2023 12:00	1046	1047	1202
12/17/2023 13:00	1046	1046	1202
12/17/2023 14:00	1046	1046	1202
12/17/2023 15:00	1046	1046	1202
12/17/2023 16:00	1046	1047	1202
12/17/2023 17:00	1047	1047	1202
12/17/2023 18:00	1047	1047	1202
12/17/2023 19:00	1047	1047	1202
12/17/2023 20:00	1047	1048	1202
12/17/2023 21:00	1048	1048	1202
12/17/2023 22:00	1048	1048	1202
12/17/2023 23:00	1047	1048	1202
12/18/2023 0:00	1047	1047	1199
12/18/2023 1:00	1047	1047	1199
12/18/2023 2:00	1047	1047	1199
12/18/2023 3:00	1047	1047	1199
12/18/2023 4:00	1047	1047	1199
12/18/2023 5:00	1047	1047	1199
12/18/2023 6:00	1047	1047	1199
12/18/2023 7:00	1047	1048	1199
12/18/2023 8:00	1047	1048	1199
12/18/2023 9:00	1047	1047	1199
12/18/2023 10:00	1047	1047	1199
12/18/2023 11:00	1047	1047	1199
12/18/2023 12:00	1047	1047	1199
12/18/2023 13:00	1047	1047	1199
12/18/2023 14:00	1047	1047	1199
12/18/2023 15:00	1047	1047	1199
12/18/2023 16:00	1047	1047	1199
12/18/2023 17:00	1047	1047	1199
12/18/2023 18:00	1047	1048	1199
12/18/2023 19:00	1048	1048	1199
12/18/2023 20:00	1048	1048	1199
12/18/2023 21:00	1048	1048	1199
12/18/2023 22:00	1048	1048	1199
12/18/2023 23:00	1048	1048	1199

**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	Daily Average
12/19/2023 0:00	1048	1048	1196
12/19/2023 1:00	1048	1048	1196
12/19/2023 2:00	1048	1048	1196
12/19/2023 3:00	1048	1048	1196
12/19/2023 4:00	1048	1048	1196
12/19/2023 5:00	1048	1048	1196
12/19/2023 6:00	1048	1048	1196
12/19/2023 7:00	1048	1048	1196
12/19/2023 8:00	1048	1048	1196
12/19/2023 9:00	1048	1048	1196
12/19/2023 10:00	1048	1048	1196
12/19/2023 11:00	1048	1048	1196
12/19/2023 12:00	1047	1048	1196
12/19/2023 13:00	1047	1047	1196
12/19/2023 14:00	1047	1047	1196
12/19/2023 15:00	1047	1047	1196
12/19/2023 16:00	1047	1047	1196
12/19/2023 17:00	1047	1047	1196
12/19/2023 18:00	1047	1047	1196
12/19/2023 19:00	1047	1047	1196
12/19/2023 20:00	1047	1047	1196
12/19/2023 21:00	1047	1047	1196
12/19/2023 22:00	1047	1047	1196
12/19/2023 23:00	1047	1047	1196
12/20/2023 0:00	1047	1047	1200
12/20/2023 1:00	1047	1047	1200
12/20/2023 2:00	1047	1047	1200
12/20/2023 3:00	1046	1047	1200
12/20/2023 4:00	1046	1046	1200
12/20/2023 5:00	1046	1046	1200
12/20/2023 6:00	1046	1046	1200
12/20/2023 7:00	1046	1046	1200
12/20/2023 8:00	1046	1046	1200
12/20/2023 9:00	1046	1046	1200
12/20/2023 10:00	1046	1046	1200
12/20/2023 11:00	1046	1046	1200
12/20/2023 12:00	1046	1046	1200
12/20/2023 13:00	1046	1046	1200
12/20/2023 14:00	1046	1046	1200
12/20/2023 15:00	1046	1046	1200
12/20/2023 16:00	1046	1046	1200
12/20/2023 17:00	1046	1046	1200
12/20/2023 18:00	1046	1046	1200
12/20/2023 19:00	1046	1046	1200
12/20/2023 20:00	1046	1046	1200
12/20/2023 21:00	1046	1046	1200
12/20/2023 22:00	1046	1046	1200
12/20/2023 23:00	1046	1046	1200
12/21/2023 0:00	1046	1046	1187
12/21/2023 1:00	1046	1046	1187
12/21/2023 2:00	1046	1046	1187
12/21/2023 3:00	1046	1046	1187
12/21/2023 4:00	1046	1046	1187
12/21/2023 5:00	1046	1047	1187
12/21/2023 6:00	1047	1047	1187
12/21/2023 7:00	1047	1047	1187
12/21/2023 8:00	1047	1047	1187
12/21/2023 9:00	1047	1047	1187
12/21/2023 10:00	1047	1047	1187
12/21/2023 11:00	1046	1047	1187
12/21/2023 12:00	1046	1046	1187
12/21/2023 13:00	1046	1046	1187
12/21/2023 14:00	1046	1046	1187
12/21/2023 15:00	1046	1046	1187
12/21/2023 16:00	1046	1046	1187
12/21/2023 17:00	1046	1046	1187
12/21/2023 18:00	1046	1046	1187
12/21/2023 19:00	1046	1046	1187
12/21/2023 20:00	1046	1046	1187
12/21/2023 21:00	1046	1046	1187
12/21/2023 22:00	1045	1046	1187
12/21/2023 23:00	1045	1045	1187

**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	Daily Average
12/22/2023 0:00	1045	1045	1196
12/22/2023 1:00	1045	1045	1196
12/22/2023 2:00	1045	1046	1196
12/22/2023 3:00	1046	1046	1196
12/22/2023 4:00	1046	1046	1196
12/22/2023 5:00	1046	1046	1196
12/22/2023 6:00	1046	1046	1196
12/22/2023 7:00	1046	1046	1196
12/22/2023 8:00	1046	1046	1196
12/22/2023 9:00	1046	1046	1196
12/22/2023 10:00	1046	1046	1196
12/22/2023 11:00	1046	1046	1196
12/22/2023 12:00	1046	1047	1196
12/22/2023 13:00	1047	1047	1196
12/22/2023 14:00	1047	1047	1196
12/22/2023 15:00	1047	1047	1196
12/22/2023 16:00	1047	1047	1196
12/22/2023 17:00	1046	1047	1196
12/22/2023 18:00	1046	1046	1196
12/22/2023 19:00	1046	1046	1196
12/22/2023 20:00	1046	1046	1196
12/22/2023 21:00	1046	1046	1196
12/22/2023 22:00	1046	1046	1196
12/22/2023 23:00	1046	1046	1196
12/23/2023 0:00	1046	1046	1197
12/23/2023 1:00	1046	1046	1197
12/23/2023 2:00	1046	1046	1197
12/23/2023 3:00	1046	1046	1197
12/23/2023 4:00	1046	1046	1197
12/23/2023 5:00	1046	1046	1197
12/23/2023 6:00	1046	1047	1197
12/23/2023 7:00	1047	1047	1197
12/23/2023 8:00	1047	1047	1197
12/23/2023 9:00	1047	1047	1197
12/23/2023 10:00	1047	1047	1197
12/23/2023 11:00	1047	1047	1197
12/23/2023 12:00	1047	1047	1197
12/23/2023 13:00	1046	1047	1197
12/23/2023 14:00	1046	1046	1197
12/23/2023 15:00	1046	1046	1197
12/23/2023 16:00	1046	1046	1197
12/23/2023 17:00	1046	1046	1197
12/23/2023 18:00	1046	1046	1197
12/23/2023 19:00	1046	1046	1197
12/23/2023 20:00	1046	1046	1197
12/23/2023 21:00	1046	1046	1197
12/23/2023 22:00	1046	1046	1197
12/23/2023 23:00	1046	1046	1197
12/24/2023 0:00	1046	1046	1197
12/24/2023 1:00	1046	1046	1202
12/24/2023 2:00	1046	1046	1202
12/24/2023 3:00	1046	1046	1202
12/24/2023 4:00	1046	1046	1202
12/24/2023 5:00	1046	1046	1202
12/24/2023 6:00	1046	1046	1202
12/24/2023 7:00	1046	1046	1202
12/24/2023 8:00	1046	1046	1202
12/24/2023 9:00	1046	1046	1202
12/24/2023 10:00	1046	1046	1202
12/24/2023 11:00	1046	1046	1202
12/24/2023 12:00	1046	1046	1202
12/24/2023 13:00	1046	1046	1202
12/24/2023 14:00	1046	1046	1202
12/24/2023 15:00	1046	1046	1202
12/24/2023 16:00	1046	1046	1202
12/24/2023 17:00	1046	1046	1202
12/24/2023 18:00	1046	1046	1202
12/24/2023 19:00	1046	1046	1202
12/24/2023 20:00	1046	1046	1202
12/24/2023 21:00	1046	1046	1202
12/24/2023 22:00	1046	1046	1202
12/24/2023 23:00	1046	1046	1202

**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	Daily Average
12/25/2023 0:00	1046	1046	1202
12/25/2023 1:00	1046	1046	1204
12/25/2023 2:00	1046	1046	1204
12/25/2023 3:00	1046	1046	1204
12/25/2023 4:00	1046	1046	1204
12/25/2023 5:00	1046	1046	1204
12/25/2023 6:00	1046	1046	1204
12/25/2023 7:00	1046	1046	1204
12/25/2023 8:00	1046	1046	1204
12/25/2023 9:00	1046	1046	1204
12/25/2023 10:00	1046	1046	1204
12/25/2023 11:00	1046	1046	1204
12/25/2023 12:00	1046	1046	1204
12/25/2023 13:00	1046	1046	1204
12/25/2023 14:00	1046	1046	1204
12/25/2023 15:00	1046	1046	1204
12/25/2023 16:00	1046	1046	1204
12/25/2023 17:00	1046	1046	1204
12/25/2023 18:00	1046	1046	1204
12/25/2023 19:00	1046	1046	1204
12/25/2023 20:00	1046	1046	1204
12/25/2023 21:00	1046	1046	1204
12/25/2023 22:00	1046	1046	1204
12/25/2023 23:00	1046	1046	1204
12/26/2023 0:00	1046	1046	1204
12/26/2023 1:00	1046	1046	1201
12/26/2023 2:00	1046	1046	1201
12/26/2023 3:00	1046	1046	1201
12/26/2023 4:00	1046	1046	1201
12/26/2023 5:00	1046	1046	1201
12/26/2023 6:00	1046	1046	1201
12/26/2023 7:00	1046	1046	1201
12/26/2023 8:00	1046	1046	1201
12/26/2023 9:00	1046	1046	1201
12/26/2023 10:00	1046	1046	1201
12/26/2023 11:00	1046	1046	1201
12/26/2023 12:00	1046	1046	1201
12/26/2023 13:00	1046	1046	1201
12/26/2023 14:00	1046	1046	1201
12/26/2023 15:00	1046	1046	1201
12/26/2023 16:00	1046	1046	1201
12/26/2023 17:00	1046	1046	1201
12/26/2023 18:00	1046	1046	1201
12/26/2023 19:00	1046	1046	1201
12/26/2023 20:00	1046	1046	1201
12/26/2023 21:00	1046	1046	1201
12/26/2023 22:00	1046	1047	1201
12/26/2023 23:00	1047	1047	1201
12/27/2023 0:00	1047	1047	1201
12/27/2023 1:00	1047	1047	1198
12/27/2023 2:00	1047	1047	1198
12/27/2023 3:00	1047	1047	1198
12/27/2023 4:00	1047	1047	1198
12/27/2023 5:00	1047	1047	1198
12/27/2023 6:00	1047	1047	1198
12/27/2023 7:00	1047	1047	1198
12/27/2023 8:00	1046	1047	1198
12/27/2023 9:00	1045	1046	1198
12/27/2023 10:00	1045	1045	1198
12/27/2023 11:00	1045	1046	1198
12/27/2023 12:00	1046	1046	1198
12/27/2023 13:00	1046	1046	1198
12/27/2023 14:00	1046	1047	1198
12/27/2023 15:00	1047	1047	1198
12/27/2023 16:00	1047	1047	1198
12/27/2023 17:00	1047	1047	1198
12/27/2023 18:00	1047	1047	1198
12/27/2023 19:00	1047	1047	1198
12/27/2023 20:00	1047	1047	1198
12/27/2023 21:00	1046	1047	1198
12/27/2023 22:00	1045	1046	1198
12/27/2023 23:00	1044	1045	1198

**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	Daily Average
12/28/2023 0:00	1043	1044	1198
12/28/2023 1:00	1043	1043	1201
12/28/2023 2:00	1042	1043	1201
12/28/2023 3:00	1042	1042	1201
12/28/2023 4:00	1042	1042	1201
12/28/2023 5:00	1042	1042	1201
12/28/2023 6:00	1042	1042	1201
12/28/2023 7:00	1042	1042	1201
12/28/2023 8:00	1042	1042	1201
12/28/2023 9:00	1042	1042	1201
12/28/2023 10:00	1042	1042	1201
12/28/2023 11:00	1042	1042	1201
12/28/2023 12:00	1042	1042	1201
12/28/2023 13:00	1042	1042	1201
12/28/2023 14:00	1042	1042	1201
12/28/2023 15:00	1042	1042	1201
12/28/2023 16:00	1042	1043	1201
12/28/2023 17:00	1043	1043	1201
12/28/2023 18:00	1043	1043	1201
12/28/2023 19:00	1043	1043	1201
12/28/2023 20:00	1043	1043	1201
12/28/2023 21:00	1043	1043	1201
12/28/2023 22:00	1043	1043	1201
12/28/2023 23:00	1043	1043	1201
12/29/2023 0:00	1043	1043	1201
12/29/2023 1:00	1043	1043	1201
12/29/2023 2:00	1043	1043	1201
12/29/2023 3:00	1042	1043	1201
12/29/2023 4:00	1042	1042	1201
12/29/2023 5:00	1042	1042	1201
12/29/2023 6:00	1042	1042	1201
12/29/2023 7:00	1042	1042	1201
12/29/2023 8:00	1042	1042	1201
12/29/2023 9:00	1042	1043	1201
12/29/2023 10:00	1043	1043	1201
12/29/2023 11:00	1043	1043	1201
12/29/2023 12:00	1043	1043	1201
12/29/2023 13:00	1043	1043	1201
12/29/2023 14:00	1043	1043	1201
12/29/2023 15:00	1043	1043	1201
12/29/2023 16:00	1042	1043	1201
12/29/2023 17:00	1042	1042	1201
12/29/2023 18:00	1042	1042	1201
12/29/2023 19:00	1042	1042	1201
12/29/2023 20:00	1042	1042	1201
12/29/2023 21:00	1042	1042	1201
12/29/2023 22:00	1042	1042	1201
12/29/2023 23:00	1042	1042	1201
12/30/2023 0:00	1042	1043	1201
12/30/2023 1:00	1043	1043	1201
12/30/2023 2:00	1043	1043	1201
12/30/2023 3:00	1043	1043	1201
12/30/2023 4:00	1043	1043	1201
12/30/2023 5:00	1043	1043	1201
12/30/2023 6:00	1043	1043	1201
12/30/2023 7:00	1043	1043	1201
12/30/2023 8:00	1043	1043	1201
12/30/2023 9:00	1043	1043	1201
12/30/2023 10:00	1043	1043	1201
12/30/2023 11:00	1043	1043	1201
12/30/2023 12:00	1043	1043	1201
12/30/2023 13:00	1043	1043	1201
12/30/2023 14:00	1043	1043	1201
12/30/2023 15:00	1043	1043	1201
12/30/2023 16:00	1043	1043	1201
12/30/2023 17:00	1043	1043	1201
12/30/2023 18:00	1043	1044	1201
12/30/2023 19:00	1044	1045	1201
12/30/2023 20:00	1045	1046	1201
12/30/2023 21:00	1046	1046	1201
12/30/2023 22:00	1046	1046	1201
12/30/2023 23:00	1046	1047	1201

**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	Daily Average
12/31/2023 0:00	1047	1047	1201
12/31/2023 1:00	1047	1047	1197
12/31/2023 2:00	1047	1047	1197
12/31/2023 3:00	1047	1047	1197
12/31/2023 4:00	1047	1047	1197
12/31/2023 5:00	1047	1047	1197
12/31/2023 6:00	1047	1047	1197
12/31/2023 7:00	1047	1047	1197
12/31/2023 8:00	1047	1047	1197
12/31/2023 9:00	1047	1047	1197
12/31/2023 10:00	1047	1047	1197
12/31/2023 11:00	1047	1047	1197
12/31/2023 12:00	1047	1047	1197
12/31/2023 13:00	1047	1047	1197
12/31/2023 14:00	1047	1047	1197
12/31/2023 15:00	1047	1047	1197
12/31/2023 16:00	1047	1047	1197
12/31/2023 17:00	1047	1047	1197
12/31/2023 18:00	1047	1047	1197
12/31/2023 19:00	1047	1047	1197
12/31/2023 20:00	1047	1047	1197
12/31/2023 21:00	1047	1047	1197
12/31/2023 22:00	1047	1047	1197
12/31/2023 23:00	1047	1047	1197