



825 Rice Street
Saint Paul, MN 55117

June 21, 2022

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

SUBJECT: Xcel Energy Gas Heating Values Report

Dear Mr. Kahl:

Enclosed with this letter are Xcel Energy's natural gas heating value reports for May 2022 as required by N.D. PU-22-14.

If you need further information or clarification regarding the enclosed response, please contact Lisa Kallberg at 651-788-0648.

Sincerely,

A handwritten signature in blue ink that reads 'Christopher Akins'.

Christopher Akins
Manager Pipeline Compliance and 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	Min BTU	Max BTU
5/1/2022 0:00	1044	1044	1179	1179
5/1/2022 1:00	1044	1044	1179	1179
5/1/2022 2:00	1044	1044	1179	1179
5/1/2022 3:00	1044	1044	1179	1179
5/1/2022 4:00	1044	1044	1179	1179
5/1/2022 5:00	1044	1045	1179	1179
5/1/2022 6:00	1045	1045	1179	1179
5/1/2022 7:00	1045	1045	1179	1179
5/1/2022 8:00	1045	1046	1179	1179
5/1/2022 9:00	1046	1047	1179	1179
5/1/2022 10:00	1047	1047	1179	1179
5/1/2022 11:00	1047	1047	1179	1179
5/1/2022 12:00	1047	1047	1179	1179
5/1/2022 13:00	1047	1047	1179	1194
5/1/2022 14:00	1047	1047	1186	1190
5/1/2022 15:00	1047	1047	1190	1194
5/1/2022 16:00	1047	1048	1194	1196
5/1/2022 17:00	1047	1048	1194	1196
5/1/2022 18:00	1047	1047	1193	1194
5/1/2022 19:00	1047	1047	1191	1193
5/1/2022 20:00	1047	1048	1191	1193
5/1/2022 21:00	1048	1048	1193	1197
5/1/2022 22:00	1048	1048	1197	1200
5/1/2022 23:00	1048	1048	1200	1200
5/2/2022 0:00	1048	1048	1200	1200
5/2/2022 1:00	1048	1048	1200	1200
5/2/2022 2:00	1048	1048	1200	1200
5/2/2022 3:00	1048	1048	1200	1200
5/2/2022 4:00	1048	1048	1200	1200
5/2/2022 5:00	1048	1049	1200	1200
5/2/2022 6:00	1049	1049	1200	1200
5/2/2022 7:00	1048	1049	1200	1200
5/2/2022 8:00	1048	1048	1200	1200
5/2/2022 9:00	1048	1048	1200	1200
5/2/2022 10:00	1048	1048	1200	1200
5/2/2022 11:00	1047	1048	1200	1200
5/2/2022 12:00	1047	1047	1198	1200
5/2/2022 13:00	1047	1047	1198	1198
5/2/2022 14:00	1047	1047	1197	1198
5/2/2022 15:00	1047	1047	1196	1197
5/2/2022 16:00	1047	1047	1191	1196
5/2/2022 17:00	1047	1047	1190	1193
5/2/2022 18:00	1047	1047	1192	1194
5/2/2022 19:00	1047	1048	1191	1192
5/2/2022 20:00	1048	1048	1191	1193
5/2/2022 21:00	1048	1048	1190	1191
5/2/2022 22:00	1048	1048	1190	1195
5/2/2022 23:00	1048	1048	1192	1198
5/3/2022 0:00	1047	1048	1197	1200
5/3/2022 1:00	1047	1047	1200	1200
5/3/2022 2:00	1047	1048	1200	1200
5/3/2022 3:00	1048	1048	1200	1200
5/3/2022 4:00	1048	1048	1200	1200
5/3/2022 5:00	1048	1048	1200	1200
5/3/2022 6:00	1047	1048	1200	1200
5/3/2022 7:00	1047	1047	1200	1200
5/3/2022 8:00	1047	1047	1200	1200
5/3/2022 9:00	1047	1047	1200	1200
5/3/2022 10:00	1047	1047	1200	1200
5/3/2022 11:00	1047	1047	1189	1200
5/3/2022 12:00	1047	1048	1189	1189
5/3/2022 13:00	1047	1048	1189	1189
5/3/2022 14:00	1047	1047	1183	1189
5/3/2022 15:00	1047	1047	1189	1191
5/3/2022 16:00	1047	1047	1186	1189
5/3/2022 17:00	1047	1048	1186	1189
5/3/2022 18:00	1048	1048	1187	1189
5/3/2022 19:00	1048	1048	1187	1191
5/3/2022 20:00	1048	1048	1191	1192
5/3/2022 21:00	1048	1048	1190	1192
5/3/2022 22:00	1048	1048	1190	1192
5/3/2022 23:00	1048	1048	1192	1195

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	Min BTU	Max BTU
5/4/2022 0:00	1048	1049	1195	1196
5/4/2022 1:00	1049	1050	1195	1197
5/4/2022 2:00	1050	1051	1197	1199
5/4/2022 3:00	1051	1051	1199	1200
5/4/2022 4:00	1051	1052	1200	1200
5/4/2022 5:00	1052	1052	1200	1200
5/4/2022 6:00	1052	1052	1200	1200
5/4/2022 7:00	1052	1052	1200	1200
5/4/2022 8:00	1051	1052	1200	1200
5/4/2022 9:00	1051	1051	1200	1200
5/4/2022 10:00	1051	1051	1200	1200
5/4/2022 11:00	1051	1051	1200	1200
5/4/2022 12:00	1051	1051	1200	1200
5/4/2022 13:00	1050	1051	1200	1200
5/4/2022 14:00	1050	1050	1200	1200
5/4/2022 15:00	1050	1050	1200	1200
5/4/2022 16:00	1050	1051	1200	1200
5/4/2022 17:00	1051	1051	1200	1200
5/4/2022 18:00	1051	1051	1200	1200
5/4/2022 19:00	1051	1051	1200	1200
5/4/2022 20:00	1051	1052	1200	1200
5/4/2022 21:00	1052	1053	1193	1200
5/4/2022 22:00	1053	1053	1190	1193
5/4/2022 23:00	1053	1053	1186	1190
5/5/2022 0:00	1053	1053	1185	1186
5/5/2022 1:00	1053	1054	1185	1187
5/5/2022 2:00	1054	1054	1187	1191
5/5/2022 3:00	1054	1054	1188	1191
5/5/2022 4:00	1054	1055	1184	1188
5/5/2022 5:00	1055	1055	1184	1187
5/5/2022 6:00	1055	1055	1187	1191
5/5/2022 7:00	1055	1055	1190	1191
5/5/2022 8:00	1054	1055	1191	1195
5/5/2022 9:00	1054	1054	1193	1195
5/5/2022 10:00	1054	1054	1193	1200
5/5/2022 11:00	1053	1054	1200	1200
5/5/2022 12:00	1053	1053	1200	1200
5/5/2022 13:00	1053	1053	1200	1200
5/5/2022 14:00	1053	1053	1200	1200
5/5/2022 15:00	1053	1053	1200	1200
5/5/2022 16:00	1053	1053	1200	1200
5/5/2022 17:00	1053	1053	1200	1200
5/5/2022 18:00	1053	1053	1200	1200
5/5/2022 19:00	1053	1053	1200	1200
5/5/2022 20:00	1052	1053	1200	1200
5/5/2022 21:00	1052	1053	1199	1200
5/5/2022 22:00	1053	1053	1195	1199
5/5/2022 23:00	1053	1053	1193	1195
5/6/2022 0:00	1053	1053	1193	1194
5/6/2022 1:00	1053	1053	1193	1194
5/6/2022 2:00	1053	1053	1193	1194
5/6/2022 3:00	1053	1053	1191	1193
5/6/2022 4:00	1053	1053	1193	1194
5/6/2022 5:00	1053	1053	1194	1199
5/6/2022 6:00	1053	1053	1193	1199
5/6/2022 7:00	1053	1053	1193	1200
5/6/2022 8:00	1053	1053	1200	1200
5/6/2022 9:00	1053	1053	1200	1200
5/6/2022 10:00	1053	1053	1200	1200
5/6/2022 11:00	1053	1053	1200	1200
5/6/2022 12:00	1052	1053	1200	1200
5/6/2022 13:00	1052	1053	1200	1200
5/6/2022 14:00	1052	1053	1200	1200
5/6/2022 15:00	1052	1052	1193	1200
5/6/2022 16:00	1052	1053	1193	1200
5/6/2022 17:00	1053	1053	1200	1200
5/6/2022 18:00	1052	1053	1200	1200
5/6/2022 19:00	1052	1052	1200	1200
5/6/2022 20:00	1052	1052	1200	1200
5/6/2022 21:00	1051	1052	1200	1200
5/6/2022 22:00	1050	1051	1200	1200
5/6/2022 23:00	1049	1050	1200	1200
5/7/2022 0:00	1048	1049	1200	1200
5/7/2022 1:00	1048	1048	1200	1200
5/7/2022 2:00	1047	1048	1200	1200
5/7/2022 3:00	1047	1047	1200	1200
5/7/2022 4:00	1046	1047	1200	1200
5/7/2022 5:00	1046	1046	1200	1200
5/7/2022 6:00	1046	1046	1200	1200
5/7/2022 7:00	1045	1046	1200	1200

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	Min BTU	Max BTU
5/7/2022 8:00	1045	1045	1199	1200
5/7/2022 9:00	1045	1045	1199	1200
5/7/2022 10:00	1045	1045	1199	1200
5/7/2022 11:00	1045	1045	1198	1200
5/7/2022 12:00	1045	1045	1198	1200
5/7/2022 13:00	1045	1045	1200	1200
5/7/2022 14:00	1045	1045	1199	1200
5/7/2022 15:00	1045	1045	1200	1200
5/7/2022 16:00	1045	1045	1200	1200
5/7/2022 17:00	1045	1045	1200	1200
5/7/2022 18:00	1045	1046	1200	1200
5/7/2022 19:00	1045	1046	1200	1200
5/7/2022 20:00	1045	1045	1200	1200
5/7/2022 21:00	1045	1045	1200	1200
5/7/2022 22:00	1045	1045	1200	1200
5/7/2022 23:00	1045	1045	1200	1200
5/8/2022 0:00	1045	1045	1193	1200
5/8/2022 1:00	1045	1045	1193	1200
5/8/2022 2:00	1045	1045	1200	1200
5/8/2022 3:00	1045	1045	1200	1200
5/8/2022 4:00	1045	1045	1200	1200
5/8/2022 5:00	1045	1045	1200	1200
5/8/2022 6:00	1045	1045	1200	1200
5/8/2022 7:00	1045	1045	1200	1200
5/8/2022 8:00	1045	1045	1200	1200
5/8/2022 9:00	1045	1045	1200	1200
5/8/2022 10:00	1045	1045	1200	1200
5/8/2022 11:00	1045	1045	1200	1200
5/8/2022 12:00	1045	1045	1200	1200
5/8/2022 13:00	1045	1045	1200	1200
5/8/2022 14:00	1045	1045	1200	1200
5/8/2022 15:00	1045	1045	1200	1200
5/8/2022 16:00	1045	1045	1200	1200
5/8/2022 17:00	1045	1045	1200	1200
5/8/2022 18:00	1045	1045	1200	1200
5/8/2022 19:00	1045	1045	1200	1200
5/8/2022 20:00	1045	1046	1200	1200
5/8/2022 21:00	1046	1046	1200	1200
5/8/2022 22:00	1046	1046	1200	1200
5/8/2022 23:00	1046	1046	1200	1200
5/9/2022 0:00	1046	1046	1200	1200
5/9/2022 1:00	1046	1046	1199	1200
5/9/2022 2:00	1046	1047	1199	1200
5/9/2022 3:00	1047	1047	1200	1200
5/9/2022 4:00	1047	1047	1200	1200
5/9/2022 5:00	1047	1047	1200	1200
5/9/2022 6:00	1047	1047	1198	1200
5/9/2022 7:00	1047	1047	1194	1198
5/9/2022 8:00	1047	1047	1198	1198
5/9/2022 9:00	1047	1047	1198	1200
5/9/2022 10:00	1046	1047	1196	1200
5/9/2022 11:00	1046	1047	1200	1200
5/9/2022 12:00	1046	1047	1200	1200
5/9/2022 13:00	1046	1046	1200	1200
5/9/2022 14:00	1045	1046	1200	1200
5/9/2022 15:00	1045	1045	1200	1200
5/9/2022 16:00	1045	1045	1200	1200
5/9/2022 17:00	1044	1045	1200	1200
5/9/2022 18:00	1044	1045	1200	1200
5/9/2022 19:00	1044	1045	1200	1200
5/9/2022 20:00	1044	1044	1200	1200
5/9/2022 21:00	1044	1044	1200	1200
5/9/2022 22:00	1044	1044	1200	1200
5/9/2022 23:00	1044	1045	1200	1200
5/10/2022 0:00	1045	1045	1200	1200
5/10/2022 1:00	1045	1045	1200	1200
5/10/2022 2:00	1044	1045	1197	1200
5/10/2022 3:00	1044	1044	1197	1200
5/10/2022 4:00	1044	1044	1200	1200
5/10/2022 5:00	1044	1044	1200	1200
5/10/2022 6:00	1044	1044	1200	1200
5/10/2022 7:00	1044	1044	1200	1200
5/10/2022 8:00	1044	1044	1200	1200
5/10/2022 9:00	1044	1045	1200	1200
5/10/2022 10:00	1045	1045	1198	1200
5/10/2022 11:00	1045	1045	1199	1199
5/10/2022 12:00	1045	1045	1198	1199
5/10/2022 13:00	1045	1045	1199	1200
5/10/2022 14:00	1045	1045	1200	1200
5/10/2022 15:00	1045	1045	1200	1200

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	Min BTU	Max BTU
5/10/2022 16:00	1045	1045	1200	1200
5/10/2022 17:00	1045	1045	1200	1200
5/10/2022 18:00	1045	1045	1198	1200
5/10/2022 19:00	1045	1045	1198	1199
5/10/2022 20:00	1045	1045	1198	1200
5/10/2022 21:00	1045	1045	1200	1200
5/10/2022 22:00	1045	1045	1200	1200
5/10/2022 23:00	1045	1045	1200	1200
5/11/2022 0:00	1045	1045	1200	1200
5/11/2022 1:00	1045	1045	1200	1200
5/11/2022 2:00	1045	1045	1200	1200
5/11/2022 3:00	1045	1045	1200	1200
5/11/2022 4:00	1045	1045	1200	1200
5/11/2022 5:00	1045	1045	1200	1200
5/11/2022 6:00	1045	1045	1200	1200
5/11/2022 7:00	1045	1045	1200	1200
5/11/2022 8:00	1045	1045	1200	1200
5/11/2022 9:00	1045	1045	1199	1200
5/11/2022 10:00	1045	1045	1197	1200
5/11/2022 11:00	1045	1045	1195	1200
5/11/2022 12:00	1045	1046	1188	1195
5/11/2022 13:00	1045	1046	1188	1190
5/11/2022 14:00	1045	1045	1190	1197
5/11/2022 15:00	1045	1045	1197	1200
5/11/2022 16:00	1045	1045	1200	1200
5/11/2022 17:00	1045	1045	1200	1200
5/11/2022 18:00	1045	1045	1200	1200
5/11/2022 19:00	1045	1045	1200	1200
5/11/2022 20:00	1045	1045	1200	1200
5/11/2022 21:00	1045	1045	1200	1200
5/11/2022 22:00	1045	1045	1200	1200
5/11/2022 23:00	1045	1045	1200	1200
5/12/2022 0:00	1045	1046	1200	1200
5/12/2022 1:00	1046	1046	1200	1200
5/12/2022 2:00	1046	1046	1200	1200
5/12/2022 3:00	1046	1046	1200	1200
5/12/2022 4:00	1046	1046	1197	1200
5/12/2022 5:00	1046	1046	1194	1198
5/12/2022 6:00	1046	1046	1194	1197
5/12/2022 7:00	1046	1046	1196	1200
5/12/2022 8:00	1046	1046	1198	1198
5/12/2022 9:00	1045	1046	1198	1200
5/12/2022 10:00	1045	1046	1200	1200
5/12/2022 11:00	1046	1046	1198	1200
5/12/2022 12:00	1046	1046	1195	1200
5/12/2022 13:00	1045	1046	1200	1200
5/12/2022 14:00	1045	1045	1200	1200
5/12/2022 15:00	1044	1045	1200	1200
5/12/2022 16:00	1044	1044	1200	1200
5/12/2022 17:00	1044	1044	1200	1200
5/12/2022 18:00	1044	1044	1196	1200
5/12/2022 19:00	1044	1044	1196	1199
5/12/2022 20:00	1044	1044	1199	1200
5/12/2022 21:00	1043	1044	1200	1200
5/12/2022 22:00	1043	1044	1200	1200
5/12/2022 23:00	1044	1044	1200	1200
5/13/2022 0:00	1043	1044	1200	1200
5/13/2022 1:00	1043	1043	1200	1200
5/13/2022 2:00	1043	1043	1198	1200
5/13/2022 3:00	1043	1043	1197	1199
5/13/2022 4:00	1043	1043	1197	1197
5/13/2022 5:00	1043	1043	1197	1197
5/13/2022 6:00	1043	1043	1197	1197
5/13/2022 7:00	1043	1044	1194	1197
5/13/2022 8:00	1043	1044	1192	1194
5/13/2022 9:00	1043	1043	1188	1192
5/13/2022 10:00	1043	1043	1187	1188
5/13/2022 11:00	1043	1043	1188	1189
5/13/2022 12:00	1043	1043	1189	1190
5/13/2022 13:00	1043	1043	1189	1191
5/13/2022 14:00	1043	1043	1191	1193
5/13/2022 15:00	1043	1043	1193	1197
5/13/2022 16:00	1043	1044	1197	1200
5/13/2022 17:00	1044	1044	1200	1200
5/13/2022 18:00	1044	1044	1200	1200
5/13/2022 19:00	1044	1044	1200	1200
5/13/2022 20:00	1044	1044	1200	1200
5/13/2022 21:00	1044	1044	1200	1200
5/13/2022 22:00	1044	1044	1200	1200
5/13/2022 23:00	1044	1045	1198	1200

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	Min BTU	Max BTU
5/14/2022 0:00	1045	1045	1197	1199
5/14/2022 1:00	1045	1045	1193	1199
5/14/2022 2:00	1045	1045	1191	1193
5/14/2022 3:00	1045	1045	1191	1196
5/14/2022 4:00	1045	1045	1195	1196
5/14/2022 5:00	1045	1045	1195	1196
5/14/2022 6:00	1045	1045	1196	1198
5/14/2022 7:00	1045	1045	1197	1198
5/14/2022 8:00	1045	1045	1195	1197
5/14/2022 9:00	1045	1045	1195	1198
5/14/2022 10:00	1045	1045	1197	1200
5/14/2022 11:00	1045	1045	1197	1200
5/14/2022 12:00	1045	1045	1200	1200
5/14/2022 13:00	1045	1045	1200	1200
5/14/2022 14:00	1044	1045	1200	1200
5/14/2022 15:00	1044	1044	1200	1200
5/14/2022 16:00	1044	1044	1200	1200
5/14/2022 17:00	1044	1044	1199	1200
5/14/2022 18:00	1043	1044	1198	1200
5/14/2022 19:00	1043	1043	1197	1198
5/14/2022 20:00	1043	1044	1197	1200
5/14/2022 21:00	1044	1045	1200	1200
5/14/2022 22:00	1044	1045	1200	1200
5/14/2022 23:00	1044	1044	1200	1200
5/15/2022 0:00	1044	1044	1200	1200
5/15/2022 1:00	1044	1044	1196	1200
5/15/2022 2:00	1044	1044	1193	1196
5/15/2022 3:00	1044	1044	1193	1194
5/15/2022 4:00	1044	1044	1188	1193
5/15/2022 5:00	1043	1044	1188	1193
5/15/2022 6:00	1043	1043	1191	1194
5/15/2022 7:00	1043	1043	1187	1191
5/15/2022 8:00	1043	1043	1186	1187
5/15/2022 9:00	1042	1043	1186	1188
5/15/2022 10:00	1042	1042	1186	1188
5/15/2022 11:00	1042	1042	1188	1195
5/15/2022 12:00	1042	1042	1195	1198
5/15/2022 13:00	1042	1042	1197	1200
5/15/2022 14:00	1042	1042	1200	1200
5/15/2022 15:00	1042	1043	1200	1200
5/15/2022 16:00	1043	1043	1200	1200
5/15/2022 17:00	1043	1043	1200	1200
5/15/2022 18:00	1043	1043	1200	1200
5/15/2022 19:00	1043	1043	1200	1200
5/15/2022 20:00	1043	1043	1200	1200
5/15/2022 21:00	1043	1043	1200	1200
5/15/2022 22:00	1043	1043	1200	1200
5/15/2022 23:00	1043	1043	1200	1200
5/16/2022 0:00	1043	1043	1200	1200
5/16/2022 1:00	1043	1043	1196	1200
5/16/2022 2:00	1043	1043	1188	1196
5/16/2022 3:00	1043	1043	1183	1188
5/16/2022 4:00	1043	1043	1181	1183
5/16/2022 5:00	1043	1043	1181	1183
5/16/2022 6:00	1043	1043	1183	1185
5/16/2022 7:00	1043	1043	1185	1186
5/16/2022 8:00	1043	1043	1184	1186
5/16/2022 9:00	1043	1043	1184	1184
5/16/2022 10:00	1043	1043	1184	1187
5/16/2022 11:00	1043	1043	1186	1190
5/16/2022 12:00	1043	1043	1190	1200
5/16/2022 13:00	1043	1043	1200	1200
5/16/2022 14:00	1043	1043	1200	1200
5/16/2022 15:00	1043	1043	1200	1200
5/16/2022 16:00	1043	1043	1200	1200
5/16/2022 17:00	1043	1043	1200	1200
5/16/2022 18:00	1043	1043	1200	1200
5/16/2022 19:00	1043	1043	1200	1200
5/16/2022 20:00	1043	1043	1200	1200
5/16/2022 21:00	1043	1043	1200	1200
5/16/2022 22:00	1043	1043	1200	1200
5/16/2022 23:00	1043	1043	1200	1200
5/17/2022 0:00	1043	1043	1200	1200
5/17/2022 1:00	1043	1043	1200	1200
5/17/2022 2:00	1043	1043	1198	1200
5/17/2022 3:00	1043	1043	1190	1198
5/17/2022 4:00	1043	1043	1187	1191
5/17/2022 5:00	1043	1043	1186	1188
5/17/2022 6:00	1043	1043	1182	1186
5/17/2022 7:00	1043	1043	1179	1183

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/17/2022 8:00	1042	1043	1177	1179
5/17/2022 9:00	1042	1042	1175	1177
5/17/2022 10:00	1042	1042	1176	1179
5/17/2022 11:00	1042	1042	1179	1179
5/17/2022 12:00	1042	1042	1179	1185
5/17/2022 13:00	1042	1043	1185	1193
5/17/2022 14:00	1043	1043	1193	1200
5/17/2022 15:00	1043	1043	1200	1200
5/17/2022 16:00	1043	1043	1200	1200
5/17/2022 17:00	1043	1043	1200	1200
5/17/2022 18:00	1043	1043	1200	1200
5/17/2022 19:00	1043	1043	1200	1200
5/17/2022 20:00	1043	1043	1200	1200
5/17/2022 21:00	1043	1043	1200	1200
5/17/2022 22:00	1043	1043	1200	1200
5/17/2022 23:00	1043	1043	1200	1200
5/18/2022 0:00	1043	1043	1200	1200
5/18/2022 1:00	1043	1043	1200	1200
5/18/2022 2:00	1043	1043	1200	1200
5/18/2022 3:00	1043	1043	1200	1200
5/18/2022 4:00	1043	1043	1200	1200
5/18/2022 5:00	1043	1043	1196	1200
5/18/2022 6:00	1043	1043	1195	1198
5/18/2022 7:00	1043	1043	1198	1200
5/18/2022 8:00	1043	1043	1200	1200
5/18/2022 9:00	1043	1043	1200	1200
5/18/2022 10:00	1042	1043	1200	1200
5/18/2022 11:00	1042	1043	1200	1200
5/18/2022 12:00	1043	1043	1200	1200
5/18/2022 13:00	1043	1043	1200	1200
5/18/2022 14:00	1043	1043	1197	1200
5/18/2022 15:00	1043	1043	1195	1197
5/18/2022 16:00	1043	1043	1195	1197
5/18/2022 17:00	1043	1043	1195	1197
5/18/2022 18:00	1043	1043	1195	1195
5/18/2022 19:00	1042	1043	1195	1198
5/18/2022 20:00	1042	1042	1198	1200
5/18/2022 21:00	1042	1042	1200	1200
5/18/2022 22:00	1042	1042	1200	1200
5/18/2022 23:00	1042	1043	1200	1200
5/19/2022 0:00	1043	1043	1200	1200
5/19/2022 1:00	1043	1043	1200	1200
5/19/2022 2:00	1043	1043	1200	1200
5/19/2022 3:00	1043	1043	1200	1200
5/19/2022 4:00	1043	1043	1200	1200
5/19/2022 5:00	1043	1043	1200	1200
5/19/2022 6:00	1043	1043	1200	1200
5/19/2022 7:00	1043	1043	1200	1200
5/19/2022 8:00	1043	1043	1200	1200
5/19/2022 9:00	1043	1043	1200	1200
5/19/2022 10:00	1043	1043	1200	1200
5/19/2022 11:00	1043	1043	1200	1200
5/19/2022 12:00	1043	1043	1200	1200
5/19/2022 13:00	1043	1044	1200	1200
5/19/2022 14:00	1044	1045	1200	1200
5/19/2022 15:00	1045	1048	1200	1200
5/19/2022 16:00	1048	1049	1193	1200
5/19/2022 17:00	1049	1049	1190	1193
5/19/2022 18:00	1049	1049	1191	1199
5/19/2022 19:00	1049	1051	1199	1200
5/19/2022 20:00	1051	1052	1200	1200
5/19/2022 21:00	1052	1052	1200	1200
5/19/2022 22:00	1050	1052	1193	1200
5/19/2022 23:00	1047	1050	1193	1200
5/20/2022 0:00	1045	1047	1200	1200
5/20/2022 1:00	1044	1045	1200	1200
5/20/2022 2:00	1044	1044	1200	1200
5/20/2022 3:00	1044	1044	1200	1200
5/20/2022 4:00	1043	1044	1200	1200
5/20/2022 5:00	1042	1043	1200	1200
5/20/2022 6:00	1041	1042	1200	1200
5/20/2022 7:00	1041	1041	1200	1200
5/20/2022 8:00	1041	1041	1200	1200
5/20/2022 9:00	1041	1041	1187	1200
5/20/2022 10:00	1041	1041	1187	1189
5/20/2022 11:00	1040	1041	1189	1197
5/20/2022 12:00	1040	1040	1197	1199
5/20/2022 13:00	1040	1041	1192	1198
5/20/2022 14:00	1040	1041	1188	1192
5/20/2022 15:00	1040	1041	1188	1191

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/20/2022 16:00	1041	1041	1191	1192
5/20/2022 17:00	1041	1043	1192	1195
5/20/2022 18:00	1043	1046	1195	1200
5/20/2022 19:00	1046	1048	1200	1200
5/20/2022 20:00	1048	1049	1200	1200
5/20/2022 21:00	1048	1049	1200	1200
5/20/2022 22:00	1047	1048	1200	1200
5/20/2022 23:00	1047	1047	1200	1200
5/21/2022 0:00	1047	1047	1200	1200
5/21/2022 1:00	1047	1047	1200	1200
5/21/2022 2:00	1047	1047	1200	1200
5/21/2022 3:00	1047	1047	1200	1200
5/21/2022 4:00	1047	1047	1200	1200
5/21/2022 5:00	1046	1047	1200	1200
5/21/2022 6:00	1046	1046	1200	1200
5/21/2022 7:00	1045	1046	1193	1200
5/21/2022 8:00	1045	1045	1190	1193
5/21/2022 9:00	1045	1045	1190	1200
5/21/2022 10:00	1045	1045	1187	1200
5/21/2022 11:00	1045	1045	1187	1192
5/21/2022 12:00	1045	1045	1192	1193
5/21/2022 13:00	1045	1045	1192	1193
5/21/2022 14:00	1044	1045	1192	1198
5/21/2022 15:00	1044	1044	1198	1200
5/21/2022 16:00	1044	1044	1200	1200
5/21/2022 17:00	1044	1045	1200	1200
5/21/2022 18:00	1045	1045	1200	1200
5/21/2022 19:00	1045	1045	1200	1200
5/21/2022 20:00	1045	1045	1200	1200
5/21/2022 21:00	1045	1045	1200	1200
5/21/2022 22:00	1045	1045	1200	1200
5/21/2022 23:00	1045	1045	1200	1200
5/22/2022 0:00	1045	1045	1200	1200
5/22/2022 1:00	1045	1045	1200	1200
5/22/2022 2:00	1045	1045	1199	1200
5/22/2022 3:00	1044	1045	1195	1199
5/22/2022 4:00	1044	1044	1192	1196
5/22/2022 5:00	1044	1044	1196	1200
5/22/2022 6:00	1044	1044	1200	1200
5/22/2022 7:00	1044	1044	1200	1200
5/22/2022 8:00	1044	1044	1198	1200
5/22/2022 9:00	1044	1045	1196	1198
5/22/2022 10:00	1045	1045	1196	1197
5/22/2022 11:00	1045	1045	1196	1197
5/22/2022 12:00	1045	1045	1196	1199
5/22/2022 13:00	1044	1045	1199	1200
5/22/2022 14:00	1044	1044	1200	1200
5/22/2022 15:00	1044	1044	1196	1200
5/22/2022 16:00	1044	1044	1196	1198
5/22/2022 17:00	1044	1044	1196	1197
5/22/2022 18:00	1044	1044	1194	1199
5/22/2022 19:00	1044	1044	1194	1194
5/22/2022 20:00	1044	1044	1194	1200
5/22/2022 21:00	1044	1044	1200	1200
5/22/2022 22:00	1044	1044	1200	1200
5/22/2022 23:00	1044	1044	1200	1200
5/23/2022 0:00	1044	1044	1200	1200
5/23/2022 1:00	1044	1044	1200	1200
5/23/2022 2:00	1044	1044	1200	1200
5/23/2022 3:00	1044	1044	1200	1200
5/23/2022 4:00	1044	1044	1200	1200
5/23/2022 5:00	1044	1044	1200	1200
5/23/2022 6:00	1043	1044	1200	1200
5/23/2022 7:00	1043	1043	1200	1200
5/23/2022 8:00	1043	1044	1200	1200
5/23/2022 9:00	1044	1044	1200	1200
5/23/2022 10:00	1044	1044	1200	1200
5/23/2022 11:00	1044	1045	1200	1200
5/23/2022 12:00	1045	1045	1200	1200
5/23/2022 13:00	1045	1045	1200	1200
5/23/2022 14:00	1045	1045	1198	1200
5/23/2022 15:00	1045	1045	1196	1198
5/23/2022 16:00	1045	1045	1196	1199
5/23/2022 17:00	1044	1045	1198	1199
5/23/2022 18:00	1042	1044	1191	1198
5/23/2022 19:00	1042	1042	1191	1193
5/23/2022 20:00	1042	1043	1193	1193
5/23/2022 21:00	1043	1044	1193	1196
5/23/2022 22:00	1044	1045	1194	1196
5/23/2022 23:00	1045	1046	1194	1195

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/24/2022 0:00	1046	1046	1195	1195
5/24/2022 1:00	1046	1046	1191	1195
5/24/2022 2:00	1045	1046	1190	1191
5/24/2022 3:00	1045	1045	1187	1190
5/24/2022 4:00	1045	1045	1187	1193
5/24/2022 5:00	1044	1045	1192	1193
5/24/2022 6:00	1043	1044	1192	1200
5/24/2022 7:00	1041	1043	1200	1200
5/24/2022 8:00	1041	1041	1200	1200
5/24/2022 9:00	1041	1041	1200	1200
5/24/2022 10:00	1041	1041	1195	1200
5/24/2022 11:00	1041	1042	1195	1197
5/24/2022 12:00	1042	1042	1197	1199
5/24/2022 13:00	1042	1042	1199	1200
5/24/2022 14:00	1042	1042	1199	1200
5/24/2022 15:00	1041	1042	1195	1199
5/24/2022 16:00	1041	1041	1195	1195
5/24/2022 17:00	1041	1041	1195	1195
5/24/2022 18:00	1041	1041	1195	1195
5/24/2022 19:00	1041	1041	1195	1196
5/24/2022 20:00	1041	1041	1196	1198
5/24/2022 21:00	1041	1041	1198	1199
5/24/2022 22:00	1041	1041	1199	1200
5/24/2022 23:00	1040	1041	1200	1200
5/25/2022 0:00	1040	1040	1200	1200
5/25/2022 1:00	1040	1040	1200	1200
5/25/2022 2:00	1040	1040	1199	1200
5/25/2022 3:00	1040	1040	1198	1200
5/25/2022 4:00	1040	1040	1199	1200
5/25/2022 5:00	1040	1040	1197	1199
5/25/2022 6:00	1039	1040	1197	1197
5/25/2022 7:00	1039	1039	1194	1197
5/25/2022 8:00	1039	1039	1194	1194
5/25/2022 9:00	1039	1039	1194	1195
5/25/2022 10:00	1039	1039	1195	1196
5/25/2022 11:00	1039	1039	1196	1200
5/25/2022 12:00	1039	1039	1200	1200
5/25/2022 13:00	1039	1040	1200	1200
5/25/2022 14:00	1039	1040	1187	1200
5/25/2022 15:00	1039	1039	1185	1187
5/25/2022 16:00	1039	1039	1185	1189
5/25/2022 17:00	1039	1039	1189	1192
5/25/2022 18:00	1039	1040	1191	1193
5/25/2022 19:00	1040	1040	1191	1194
5/25/2022 20:00	1040	1040	1190	1194
5/25/2022 21:00	1040	1040	1186	1190
5/25/2022 22:00	1040	1040	1186	1188
5/25/2022 23:00	1039	1040	1188	1190
5/26/2022 0:00	1039	1039	1190	1198
5/26/2022 1:00	1039	1039	1198	1198
5/26/2022 2:00	1039	1039	1198	1200
5/26/2022 3:00	1039	1039	1192	1200
5/26/2022 4:00	1039	1039	1192	1200
5/26/2022 5:00	1039	1039	1200	1200
5/26/2022 6:00	1039	1039	1198	1200
5/26/2022 7:00	1039	1039	1198	1199
5/26/2022 8:00	1039	1039	1197	1199
5/26/2022 9:00	1039	1039	1199	1200
5/26/2022 10:00	1039	1039	1200	1200
5/26/2022 11:00	1038	1039	1200	1200
5/26/2022 12:00	1038	1038	1200	1200
5/26/2022 13:00	1038	1038	1200	1200
5/26/2022 14:00	1038	1038	1200	1200
5/26/2022 15:00	1038	1038	1198	1200
5/26/2022 16:00	1038	1039	1194	1199
5/26/2022 17:00	1039	1039	1190	1199
5/26/2022 18:00	1039	1039	1190	1200
5/26/2022 19:00	1039	1040	1200	1200
5/26/2022 20:00	1040	1040	1200	1200
5/26/2022 21:00	1040	1040	1200	1200
5/26/2022 22:00	1040	1040	1200	1200
5/26/2022 23:00	1040	1040	1200	1200
5/27/2022 0:00	1040	1040	1200	1200
5/27/2022 1:00	1040	1040	1200	1200
5/27/2022 2:00	1040	1040	1200	1200
5/27/2022 3:00	1040	1041	1199	1200
5/27/2022 4:00	1040	1041	1198	1199
5/27/2022 5:00	1040	1041	1199	1200
5/27/2022 6:00	1041	1041	1194	1200
5/27/2022 7:00	1041	1043	1194	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/27/2022 8:00	1043	1044	1200	1200
5/27/2022 9:00	1043	1044	1200	1200
5/27/2022 10:00	1043	1044	1200	1200
5/27/2022 11:00	1044	1044	1200	1200
5/27/2022 12:00	1044	1045	1200	1200
5/27/2022 13:00	1044	1045	1200	1200
5/27/2022 14:00	1043	1044	1200	1200
5/27/2022 15:00	1042	1043	1200	1200
5/27/2022 16:00	1041	1042	1200	1200
5/27/2022 17:00	1041	1041	1200	1200
5/27/2022 18:00	1041	1041	1200	1200
5/27/2022 19:00	1041	1041	1200	1200
5/27/2022 20:00	1041	1041	1198	1200
5/27/2022 21:00	1041	1041	1195	1198
5/27/2022 22:00	1041	1041	1195	1200
5/27/2022 23:00	1041	1041	1200	1200
5/28/2022 0:00	1041	1041	1200	1200
5/28/2022 1:00	1041	1041	1200	1200
5/28/2022 2:00	1041	1041	1200	1200
5/28/2022 3:00	1041	1042	1200	1200
5/28/2022 4:00	1041	1042	1200	1200
5/28/2022 5:00	1041	1041	1195	1200
5/28/2022 6:00	1041	1042	1194	1200
5/28/2022 7:00	1042	1042	1200	1200
5/28/2022 8:00	1042	1043	1195	1200
5/28/2022 9:00	1043	1044	1192	1196
5/28/2022 10:00	1044	1044	1193	1196
5/28/2022 11:00	1044	1044	1193	1196
5/28/2022 12:00	1044	1044	1196	1199
5/28/2022 13:00	1043	1044	1199	1200
5/28/2022 14:00	1043	1043	1200	1200
5/28/2022 15:00	1042	1043	1200	1200
5/28/2022 16:00	1042	1042	1200	1200
5/28/2022 17:00	1042	1042	1200	1200
5/28/2022 18:00	1041	1042	1200	1200
5/28/2022 19:00	1041	1041	1200	1200
5/28/2022 20:00	1041	1041	1200	1200
5/28/2022 21:00	1041	1042	1200	1200
5/28/2022 22:00	1041	1042	1200	1200
5/28/2022 23:00	1041	1041	1200	1200
5/29/2022 0:00	1041	1041	1199	1200
5/29/2022 1:00	1041	1041	1199	1200
5/29/2022 2:00	1041	1041	1200	1200
5/29/2022 3:00	1041	1041	1197	1200
5/29/2022 4:00	1041	1041	1195	1197
5/29/2022 5:00	1041	1042	1195	1197
5/29/2022 6:00	1041	1042	1197	1200
5/29/2022 7:00	1041	1041	1200	1200
5/29/2022 8:00	1041	1041	1195	1200
5/29/2022 9:00	1041	1041	1193	1195
5/29/2022 10:00	1041	1041	1193	1193
5/29/2022 11:00	1041	1041	1192	1199
5/29/2022 12:00	1041	1042	1199	1200
5/29/2022 13:00	1042	1042	1198	1200
5/29/2022 14:00	1042	1042	1196	1200
5/29/2022 15:00	1042	1042	1198	1200
5/29/2022 16:00	1042	1043	1199	1200
5/29/2022 17:00	1043	1043	1200	1200
5/29/2022 18:00	1043	1043	1200	1200
5/29/2022 19:00	1043	1043	1200	1200
5/29/2022 20:00	1043	1043	1200	1200
5/29/2022 21:00	1042	1043	1200	1200
5/29/2022 22:00	1042	1042	1200	1200
5/29/2022 23:00	1041	1042	1200	1200
5/30/2022 0:00	1041	1041	1200	1200
5/30/2022 1:00	1041	1041	1200	1200
5/30/2022 2:00	1041	1042	1200	1200
5/30/2022 3:00	1042	1042	1200	1200
5/30/2022 4:00	1041	1042	1200	1200
5/30/2022 5:00	1041	1041	1200	1200
5/30/2022 6:00	1041	1041	1200	1200
5/30/2022 7:00	1041	1042	1200	1200
5/30/2022 8:00	1042	1042	1200	1200
5/30/2022 9:00	1042	1043	1200	1200
5/30/2022 10:00	1042	1043	1200	1200
5/30/2022 11:00	1042	1042	1200	1200
5/30/2022 12:00	1041	1042	1198	1200
5/30/2022 13:00	1039	1041	1198	1200
5/30/2022 14:00	1037	1039	1200	1200
5/30/2022 15:00	1036	1037	1200	1200

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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	Min BTU	Max BTU
5/30/2022 16:00	1036	1037	1200	1200
5/30/2022 17:00	1037	1037	1200	1200
5/30/2022 18:00	1037	1037	1200	1200
5/30/2022 19:00	1037	1037	1199	1200
5/30/2022 20:00	1035	1037	1199	1200
5/30/2022 21:00	1035	1035	1200	1200
5/30/2022 22:00	1034	1035	1200	1200
5/30/2022 23:00	1034	1034	1200	1200
5/31/2022 0:00	1034	1034	1200	1200
5/31/2022 1:00	1034	1034	1200	1200
5/31/2022 2:00	1034	1034	1200	1200
5/31/2022 3:00	1034	1034	1197	1200
5/31/2022 4:00	1034	1034	1193	1197
5/31/2022 5:00	1034	1034	1191	1196
5/31/2022 6:00	1034	1034	1196	1198
5/31/2022 7:00	1034	1034	1195	1198
5/31/2022 8:00	1034	1034	1191	1195
5/31/2022 9:00	1034	1034	1191	1200
5/31/2022 10:00	1034	1034	1200	1200
5/31/2022 11:00	1034	1034	1200	1200
5/31/2022 12:00	1034	1035	1200	1200
5/31/2022 13:00	1034	1035	1200	1200
5/31/2022 14:00	1034	1034	1200	1200
5/31/2022 15:00	1034	1034	1200	1200
5/31/2022 16:00	1034	1034	1200	1200
5/31/2022 17:00	1034	1034	1200	1200
5/31/2022 18:00	1034	1034	1200	1200
5/31/2022 19:00	1034	1034	1200	1200
5/31/2022 20:00	1034	1034	1200	1200
5/31/2022 21:00	1034	1034	1200	1200
5/31/2022 22:00	1034	1034	1200	1200
5/31/2022 23:00	1034	1034	1200	1200