



825 Rice Street
Saint Paul, MN 55117

February 25, 2020

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 January 2020 as required by N.D. PU-19-92.

If you need further information or clarification regarding the enclosed response, please contact Lisa Kallberg at 651-229-2282.

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
1/1/2020 0:00	1036	1037	1164	1164
1/1/2020 1:00	1037	1038	1164	1164
1/1/2020 2:00	1038	1038	1164	1165
1/1/2020 3:00	1038	1038	1165	1165
1/1/2020 4:00	1038	1038	1165	1166
1/1/2020 5:00	1038	1038	1165	1166
1/1/2020 6:00	1037	1038	1165	1166
1/1/2020 7:00	1037	1037	1166	1167
1/1/2020 8:00	1037	1037	1166	1167
1/1/2020 9:00	1013	1013	1165	1167
1/1/2020 10:00	1013	1013	1164	1165
1/1/2020 11:00	1013	1013	1164	1165
1/1/2020 12:00	1013	1013	1164	1164
1/1/2020 13:00	1013	1013	1164	1164
1/1/2020 14:00	1013	1013	1164	1165
1/1/2020 15:00	1013	1013	1164	1165
1/1/2020 16:00	1013	1013	1164	1166
1/1/2020 17:00	1013	1013	1164	1166
1/1/2020 18:00	1013	1013	1164	1166
1/1/2020 19:00	1013	1013	1166	1166
1/1/2020 20:00	1013	1013	1165	1166
1/1/2020 21:00	1013	1013	1165	1166
1/1/2020 22:00	1013	1013	1166	1166
1/1/2020 23:00	1013	1013	1166	1167
1/2/2020 0:00	1013	1013	1164	1166
1/2/2020 1:00	1013	1013	1162	1164
1/2/2020 2:00	1013	1013	1161	1162
1/2/2020 3:00	1013	1013	1162	1166
1/2/2020 4:00	1013	1013	1166	1168
1/2/2020 5:00	1013	1013	1168	1169
1/2/2020 6:00	1013	1013	1169	1170
1/2/2020 7:00	1013	1013	1170	1171
1/2/2020 8:00	1013	1013	1171	1172
1/2/2020 9:00	1013	1013	1172	1174
1/2/2020 10:00	1013	1013	1173	1174
1/2/2020 11:00	1013	1013	1174	1174
1/2/2020 12:00	1013	1013	1173	1174
1/2/2020 13:00	1013	1013	1173	1173
1/2/2020 14:00	1013	1013	1172	1173
1/2/2020 15:00	1013	1013	1171	1172
1/2/2020 16:00	1013	1013	1171	1172
1/2/2020 17:00	1013	1013	1172	1172
1/2/2020 18:00	1013	1013	1172	1172
1/2/2020 19:00	1013	1013	1170	1172
1/2/2020 20:00	1013	1013	1170	1170
1/2/2020 21:00	1013	1013	1170	1171
1/2/2020 22:00	1013	1013	1171	1173
1/2/2020 23:00	1013	1013	1173	1174
1/3/2020 0:00	1013	1013	1174	1175
1/3/2020 1:00	1013	1013	1174	1175
1/3/2020 2:00	1013	1013	1174	1174
1/3/2020 3:00	1013	1013	1174	1174
1/3/2020 4:00	1013	1013	1174	1175
1/3/2020 5:00	1013	1013	1174	1175
1/3/2020 6:00	1013	1013	1174	1177
1/3/2020 7:00	1013	1013	1177	1179
1/3/2020 8:00	1013	1013	1179	1180
1/3/2020 9:00	1013	1013	1180	1180
1/3/2020 10:00	1013	1013	1179	1180
1/3/2020 11:00	1013	1013	1179	1179
1/3/2020 12:00	1013	1013	1179	1179
1/3/2020 13:00	1013	1013	1179	1179
1/3/2020 14:00	1013	1013	1178	1179
1/3/2020 15:00	1013	1013	1175	1178
1/3/2020 16:00	1013	1013	1174	1175
1/3/2020 17:00	1013	1013	1173	1174
1/3/2020 18:00	1013	1013	1171	1173
1/3/2020 19:00	1013	1013	1171	1171
1/3/2020 20:00	1013	1013	1171	1171
1/3/2020 21:00	1013	1013	1171	1172
1/3/2020 22:00	1013	1013	1171	1172
1/3/2020 23:00	1013	1013	1172	1174

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
1/4/2020 0:00	1013	1013	1172	1173
1/4/2020 1:00	1013	1013	1170	1172
1/4/2020 2:00	1013	1013	1170	1170
1/4/2020 3:00	1013	1013	1170	1170
1/4/2020 4:00	1013	1013	1170	1173
1/4/2020 5:00	1013	1013	1173	1174
1/4/2020 6:00	1013	1013	1171	1174
1/4/2020 7:00	1013	1013	1171	1172
1/4/2020 8:00	1013	1013	1170	1172
1/4/2020 9:00	1013	1013	1169	1170
1/4/2020 10:00	1013	1013	1168	1169
1/4/2020 11:00	1013	1013	1167	1168
1/4/2020 12:00	1013	1013	1167	1168
1/4/2020 13:00	1013	1013	1168	1168
1/4/2020 14:00	1013	1013	1167	1168
1/4/2020 15:00	1013	1013	1165	1167
1/4/2020 16:00	1013	1013	1165	1165
1/4/2020 17:00	1013	1013	1165	1165
1/4/2020 18:00	1013	1013	1165	1166
1/4/2020 19:00	1013	1013	1165	1166
1/4/2020 20:00	1013	1013	1164	1166
1/4/2020 21:00	1013	1013	1164	1165
1/4/2020 22:00	1013	1013	1165	1166
1/4/2020 23:00	1013	1013	1165	1166
1/5/2020 0:00	1013	1013	1163	1166
1/5/2020 1:00	1013	1013	1162	1163
1/5/2020 2:00	1013	1013	1162	1163
1/5/2020 3:00	1013	1013	1163	1163
1/5/2020 4:00	1013	1013	1163	1164
1/5/2020 5:00	1013	1013	1163	1165
1/5/2020 6:00	1013	1013	1165	1167
1/5/2020 7:00	1013	1013	1166	1168
1/5/2020 8:00	1013	1013	1167	1168
1/5/2020 9:00	1013	1013	1168	1169
1/5/2020 10:00	1013	1013	1165	1168
1/5/2020 11:00	1013	1013	1164	1165
1/5/2020 12:00	1013	1013	1164	1164
1/5/2020 13:00	1013	1013	1162	1164
1/5/2020 14:00	1013	1013	1162	1163
1/5/2020 15:00	1013	1013	1163	1165
1/5/2020 16:00	1013	1013	1165	1166
1/5/2020 17:00	1013	1013	1166	1166
1/5/2020 18:00	1013	1013	1166	1167
1/5/2020 19:00	1013	1013	1166	1167
1/5/2020 20:00	1013	1013	1166	1168
1/5/2020 21:00	1013	1013	1168	1168
1/5/2020 22:00	1013	1013	1168	1168
1/5/2020 23:00	1013	1013	1168	1168
1/6/2020 0:00	1013	1013	1167	1168
1/6/2020 1:00	1013	1013	1167	1169
1/6/2020 2:00	1013	1013	1169	1170
1/6/2020 3:00	1013	1013	1168	1170
1/6/2020 4:00	1013	1013	1168	1168
1/6/2020 5:00	1013	1013	1167	1168
1/6/2020 6:00	1013	1013	1168	1170
1/6/2020 7:00	1013	1013	1170	1172
1/6/2020 8:00	1013	1013	1171	1172
1/6/2020 9:00	1013	1013	1171	1171
1/6/2020 10:00	1013	1013	1170	1171
1/6/2020 11:00	1013	1013	1170	1170
1/6/2020 12:00	1013	1013	1169	1170
1/6/2020 13:00	1013	1013	1170	1171
1/6/2020 14:00	1013	1013	1171	1171
1/6/2020 15:00	1013	1013	1170	1171
1/6/2020 16:00	1013	1013	1170	1171
1/6/2020 17:00	1013	1013	1170	1170
1/6/2020 18:00	1013	1013	1169	1170
1/6/2020 19:00	1013	1013	1169	1169
1/6/2020 20:00	1013	1013	1169	1170
1/6/2020 21:00	1013	1013	1169	1170
1/6/2020 22:00	1013	1013	1169	1169
1/6/2020 23:00	1013	1013	1168	1169
1/7/2020 0:00	1013	1013	1168	1168
1/7/2020 1:00	1013	1013	1167	1168
1/7/2020 2:00	1013	1013	1166	1167
1/7/2020 3:00	1013	1013	1166	1167
1/7/2020 4:00	1013	1013	1166	1167
1/7/2020 5:00	1013	1013	1167	1167
1/7/2020 6:00	1013	1013	1167	1169
1/7/2020 7:00	1013	1013	1169	1170

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
1/7/2020 8:00	1013	1013	1168	1170
1/7/2020 9:00	1013	1013	1167	1168
1/7/2020 10:00	1013	1013	1167	1168
1/7/2020 11:00	1013	1013	1166	1167
1/7/2020 12:00	1013	1013	1165	1166
1/7/2020 13:00	1013	1013	1166	1168
1/7/2020 14:00	1013	1013	1167	1168
1/7/2020 15:00	1013	1013	1167	1168
1/7/2020 16:00	1013	1013	1168	1169
1/7/2020 17:00	1013	1013	1169	1170
1/7/2020 18:00	1013	1013	1169	1169
1/7/2020 19:00	1013	1013	1168	1169
1/7/2020 20:00	1013	1013	1167	1168
1/7/2020 21:00	1013	1013	1168	1168
1/7/2020 22:00	1013	1013	1165	1168
1/7/2020 23:00	1013	1013	1165	1165
1/8/2020 0:00	1013	1013	1165	1166
1/8/2020 1:00	1013	1013	1166	1167
1/8/2020 2:00	1013	1013	1166	1167
1/8/2020 3:00	1013	1013	1167	1167
1/8/2020 4:00	1013	1013	1167	1168
1/8/2020 5:00	1013	1013	1167	1168
1/8/2020 6:00	1013	1013	1165	1167
1/8/2020 7:00	1013	1013	1165	1166
1/8/2020 8:00	1013	1013	1165	1166
1/8/2020 9:00	1013	1013	1165	1166
1/8/2020 10:00	1013	1013	1164	1166
1/8/2020 11:00	1013	1013	1164	1165
1/8/2020 12:00	1013	1013	1160	1164
1/8/2020 13:00	1013	1013	1160	1161
1/8/2020 14:00	1013	1013	1160	1161
1/8/2020 15:00	1013	1013	1160	1161
1/8/2020 16:00	1013	1013	1161	1161
1/8/2020 17:00	1013	1013	1161	1161
1/8/2020 18:00	1013	1013	1161	1162
1/8/2020 19:00	1013	1013	1159	1162
1/8/2020 20:00	1013	1013	1158	1159
1/8/2020 21:00	1013	1013	1158	1158
1/8/2020 22:00	1013	1013	1158	1158
1/8/2020 23:00	1013	1013	1158	1158
1/9/2020 0:00	1013	1013	1158	1158
1/9/2020 1:00	1013	1013	1157	1158
1/9/2020 2:00	1013	1013	1156	1157
1/9/2020 3:00	1013	1013	1156	1158
1/9/2020 4:00	1013	1013	1156	1158
1/9/2020 5:00	1013	1013	1156	1157
1/9/2020 6:00	1013	1013	1156	1157
1/9/2020 7:00	1013	1013	1155	1156
1/9/2020 8:00	1013	1013	1153	1155
1/9/2020 9:00	1013	1013	1152	1153
1/9/2020 10:00	1013	1013	1151	1152
1/9/2020 11:00	1013	1013	1148	1151
1/9/2020 12:00	1013	1013	1148	1150
1/9/2020 13:00	1013	1013	1150	1151
1/9/2020 14:00	1013	1013	1148	1151
1/9/2020 15:00	1013	1013	1147	1148
1/9/2020 16:00	1013	1013	1147	1148
1/9/2020 17:00	1013	1013	1146	1148
1/9/2020 18:00	1013	1013	1146	1147
1/9/2020 19:00	1013	1013	1145	1147
1/9/2020 20:00	1013	1013	1145	1148
1/9/2020 21:00	1013	1013	1148	1150
1/9/2020 22:00	1013	1013	1147	1150
1/9/2020 23:00	1013	1013	1147	1150
1/10/2020 0:00	1013	1013	1150	1151
1/10/2020 1:00	1013	1013	1151	1152
1/10/2020 2:00	1013	1013	1152	1152
1/10/2020 3:00	1013	1013	1152	1153
1/10/2020 4:00	1013	1013	1153	1153
1/10/2020 5:00	1013	1013	1151	1153
1/10/2020 6:00	1013	1013	1151	1154
1/10/2020 7:00	1013	1013	1154	1154
1/10/2020 8:00	1013	1013	1153	1154
1/10/2020 9:00	1013	1013	1152	1153
1/10/2020 10:00	1013	1013	1152	1153
1/10/2020 11:00	1013	1013	1149	1153
1/10/2020 12:00	1013	1013	1147	1149
1/10/2020 13:00	1013	1013	1147	1148
1/10/2020 14:00	1013	1013	1148	1150
1/10/2020 15:00	1013	1013	1149	1150

Xcel Energy
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
1/10/2020 16:00	1013	1013	1148	1149
1/10/2020 17:00	1013	1013	1149	1150
1/10/2020 18:00	1013	1013	1150	1150
1/10/2020 19:00	1013	1013	1149	1150
1/10/2020 20:00	1013	1013	1149	1149
1/10/2020 21:00	1013	1013	1149	1149
1/10/2020 22:00	1013	1013	1146	1149
1/10/2020 23:00	1013	1013	1146	1147
1/11/2020 0:00	1013	1013	1147	1151
1/11/2020 1:00	1013	1013	1151	1151
1/11/2020 2:00	1013	1013	1151	1155
1/11/2020 3:00	1013	1013	1155	1157
1/11/2020 4:00	1013	1013	1157	1158
1/11/2020 5:00	1013	1013	1152	1157
1/11/2020 6:00	1013	1013	1149	1152
1/11/2020 7:00	1013	1013	1149	1149
1/11/2020 8:00	1013	1013	1149	1149
1/11/2020 9:00	1013	1013	1147	1149
1/11/2020 10:00	1013	1013	1147	1147
1/11/2020 11:00	1013	1013	1145	1147
1/11/2020 12:00	1013	1013	1144	1145
1/11/2020 13:00	1013	1013	1144	1145
1/11/2020 14:00	1013	1013	1144	1145
1/11/2020 15:00	1013	1013	1145	1145
1/11/2020 16:00	1013	1013	1145	1146
1/11/2020 17:00	1013	1013	1146	1149
1/11/2020 18:00	1013	1013	1148	1149
1/11/2020 19:00	1013	1013	1149	1150
1/11/2020 20:00	1013	1013	1149	1150
1/11/2020 21:00	1013	1013	1149	1150
1/11/2020 22:00	1013	1013	1150	1150
1/11/2020 23:00	1013	1013	1148	1150
1/12/2020 0:00	1013	1013	1147	1148
1/12/2020 1:00	1013	1013	1148	1148
1/12/2020 2:00	1013	1013	1148	1149
1/12/2020 3:00	1013	1013	1148	1148
1/12/2020 4:00	1013	1013	1146	1148
1/12/2020 5:00	1013	1013	1146	1146
1/12/2020 6:00	1013	1013	1146	1146
1/12/2020 7:00	1013	1013	1145	1146
1/12/2020 8:00	1013	1013	1146	1147
1/12/2020 9:00	1013	1013	1145	1147
1/12/2020 10:00	1013	1013	1144	1146
1/12/2020 11:00	1013	1013	1143	1145
1/12/2020 12:00	1013	1013	1142	1143
1/12/2020 13:00	1013	1013	1142	1143
1/12/2020 14:00	1013	1013	1143	1144
1/12/2020 15:00	1013	1013	1144	1144
1/12/2020 16:00	1013	1013	1144	1145
1/12/2020 17:00	1013	1013	1145	1145
1/12/2020 18:00	1013	1013	1145	1146
1/12/2020 19:00	1013	1013	1146	1146
1/12/2020 20:00	1013	1013	1146	1148
1/12/2020 21:00	1013	1013	1148	1151
1/12/2020 22:00	1013	1013	1150	1151
1/12/2020 23:00	1013	1013	1148	1151
1/13/2020 0:00	1013	1013	1146	1148
1/13/2020 1:00	1013	1013	1145	1146
1/13/2020 2:00	1013	1013	1142	1145
1/13/2020 3:00	1013	1013	1142	1143
1/13/2020 4:00	1013	1013	1143	1144
1/13/2020 5:00	1013	1013	1144	1145
1/13/2020 6:00	1013	1013	1144	1146
1/13/2020 7:00	1013	1013	1146	1147
1/13/2020 8:00	1013	1013	1147	1147
1/13/2020 9:00	1013	1013	1147	1147
1/13/2020 10:00	1013	1013	1145	1147
1/13/2020 11:00	1013	1013	1144	1145
1/13/2020 12:00	1013	1013	1144	1144
1/13/2020 13:00	1013	1013	1144	1145
1/13/2020 14:00	1013	1013	1145	1146
1/13/2020 15:00	1013	1013	1146	1149
1/13/2020 16:00	1013	1013	1149	1153
1/13/2020 17:00	1013	1013	1153	1154
1/13/2020 18:00	1013	1013	1153	1154
1/13/2020 19:00	1013	1013	1153	1154
1/13/2020 20:00	1013	1013	1154	1154
1/13/2020 21:00	1013	1013	1153	1154
1/13/2020 22:00	1013	1013	1152	1153
1/13/2020 23:00	1013	1013	1152	1152

Xcel Energy
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
1/14/2020 0:00	1013	1013	1152	1153
1/14/2020 1:00	1013	1013	1153	1155
1/14/2020 2:00	1013	1013	1155	1158
1/14/2020 3:00	1013	1013	1157	1159
1/14/2020 4:00	1013	1013	1157	1157
1/14/2020 5:00	1013	1013	1157	1159
1/14/2020 6:00	1013	1013	1159	1160
1/14/2020 7:00	1013	1013	1160	1164
1/14/2020 8:00	1013	1013	1164	1167
1/14/2020 9:00	1013	1013	1166	1167
1/14/2020 10:00	1013	1013	1166	1166
1/14/2020 11:00	1013	1013	1164	1166
1/14/2020 12:00	1013	1013	1161	1165
1/14/2020 13:00	1013	1013	1160	1161
1/14/2020 14:00	1013	1013	1160	1162
1/14/2020 15:00	1013	1013	1161	1162
1/14/2020 16:00	1013	1013	1161	1164
1/14/2020 17:00	1013	1013	1164	1166
1/14/2020 18:00	1013	1013	1161	1165
1/14/2020 19:00	1013	1013	1160	1161
1/14/2020 20:00	1013	1013	1160	1161
1/14/2020 21:00	1013	1013	1159	1160
1/14/2020 22:00	1013	1013	1156	1159
1/14/2020 23:00	1013	1013	1154	1156
1/15/2020 0:00	1013	1013	1154	1156
1/15/2020 1:00	1013	1013	1154	1156
1/15/2020 2:00	1013	1013	1153	1154
1/15/2020 3:00	1013	1013	1153	1153
1/15/2020 4:00	1013	1013	1153	1153
1/15/2020 5:00	1013	1013	1153	1154
1/15/2020 6:00	1013	1013	1154	1154
1/15/2020 7:00	1013	1013	1153	1154
1/15/2020 8:00	1013	1013	1151	1153
1/15/2020 9:00	1013	1013	1150	1151
1/15/2020 10:00	1013	1013	1147	1150
1/15/2020 11:00	1013	1013	1145	1147
1/15/2020 12:00	1013	1013	1144	1145
1/15/2020 13:00	1013	1013	1140	1145
1/15/2020 14:00	1013	1013	1138	1140
1/15/2020 15:00	1013	1013	1140	1143
1/15/2020 16:00	1013	1013	1143	1145
1/15/2020 17:00	1013	1013	1145	1145
1/15/2020 18:00	1013	1013	1145	1146
1/15/2020 19:00	1013	1013	1145	1146
1/15/2020 20:00	1013	1013	1144	1145
1/15/2020 21:00	1013	1013	1143	1144
1/15/2020 22:00	1013	1013	1142	1143
1/15/2020 23:00	1013	1013	1142	1143
1/16/2020 0:00	1013	1013	1143	1143
1/16/2020 1:00	1013	1013	1143	1143
1/16/2020 2:00	1013	1013	1143	1143
1/16/2020 3:00	1013	1013	1142	1143
1/16/2020 4:00	1013	1013	1143	1143
1/16/2020 5:00	1013	1013	1143	1143
1/16/2020 6:00	1013	1013	1140	1143
1/16/2020 7:00	1013	1013	1141	1144
1/16/2020 8:00	1013	1013	1143	1144
1/16/2020 9:00	1013	1013	1143	1143
1/16/2020 10:00	1013	1013	1141	1143
1/16/2020 11:00	1013	1013	1140	1141
1/16/2020 12:00	1013	1013	1139	1140
1/16/2020 13:00	1013	1013	1137	1139
1/16/2020 14:00	1013	1013	1137	1137
1/16/2020 15:00	1013	1013	1137	1138
1/16/2020 16:00	1013	1013	1137	1138
1/16/2020 17:00	1013	1013	1138	1140
1/16/2020 18:00	1013	1013	1140	1140
1/16/2020 19:00	1013	1013	1140	1141
1/16/2020 20:00	1013	1013	1141	1141
1/16/2020 21:00	1013	1013	1140	1141
1/16/2020 22:00	1013	1013	1140	1140
1/16/2020 23:00	1013	1013	1139	1140
1/17/2020 0:00	1013	1013	1140	1140
1/17/2020 1:00	1013	1013	1139	1140
1/17/2020 2:00	1013	1013	1139	1141
1/17/2020 3:00	1013	1013	1141	1141
1/17/2020 4:00	1013	1013	1141	1142
1/17/2020 5:00	1013	1013	1142	1143
1/17/2020 6:00	1013	1013	1143	1144
1/17/2020 7:00	1013	1013	1144	1145

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
1/17/2020 8:00	1013	1013	1143	1145
1/17/2020 9:00	1013	1013	1142	1143
1/17/2020 10:00	1013	1013	1139	1142
1/17/2020 11:00	1013	1013	1137	1139
1/17/2020 12:00	1013	1013	1137	1137
1/17/2020 13:00	1013	1013	1137	1137
1/17/2020 14:00	1013	1013	1137	1137
1/17/2020 15:00	1013	1013	1137	1139
1/17/2020 16:00	1013	1013	1139	1141
1/17/2020 17:00	1013	1013	1141	1144
1/17/2020 18:00	1013	1013	1143	1144
1/17/2020 19:00	1013	1013	1141	1143
1/17/2020 20:00	1013	1013	1140	1141
1/17/2020 21:00	1013	1013	1139	1140
1/17/2020 22:00	1013	1013	1139	1140
1/17/2020 23:00	1013	1013	1138	1139
1/18/2020 0:00	1013	1013	1138	1138
1/18/2020 1:00	1013	1013	1137	1138
1/18/2020 2:00	1013	1013	1137	1137
1/18/2020 3:00	1013	1013	1137	1137
1/18/2020 4:00	1013	1013	1137	1140
1/18/2020 5:00	1013	1013	1138	1140
1/18/2020 6:00	1013	1013	1137	1138
1/18/2020 7:00	1013	1013	1136	1137
1/18/2020 8:00	1013	1013	1136	1136
1/18/2020 9:00	1013	1013	1134	1136
1/18/2020 10:00	1013	1013	1134	1135
1/18/2020 11:00	1013	1013	1127	1135
1/18/2020 12:00	1013	1013	1127	1127
1/18/2020 13:00	1013	1013	1127	1129
1/18/2020 14:00	1013	1013	1129	1131
1/18/2020 15:00	1013	1013	1131	1132
1/18/2020 16:00	1013	1013	1131	1135
1/18/2020 17:00	1013	1013	1134	1135
1/18/2020 18:00	1013	1013	1135	1139
1/18/2020 19:00	1013	1013	1139	1144
1/18/2020 20:00	1013	1013	1144	1145
1/18/2020 21:00	1013	1013	1142	1144
1/18/2020 22:00	1013	1013	1142	1142
1/18/2020 23:00	1013	1013	1142	1142
1/19/2020 0:00	1013	1013	1142	1142
1/19/2020 1:00	1013	1013	1141	1142
1/19/2020 2:00	1013	1013	1141	1142
1/19/2020 3:00	1013	1013	1142	1142
1/19/2020 4:00	1013	1013	1142	1143
1/19/2020 5:00	1013	1013	1143	1145
1/19/2020 6:00	1013	1013	1145	1147
1/19/2020 7:00	1013	1013	1147	1148
1/19/2020 8:00	1013	1013	1148	1149
1/19/2020 9:00	1013	1013	1147	1148
1/19/2020 10:00	1013	1013	1146	1147
1/19/2020 11:00	1013	1013	1146	1148
1/19/2020 12:00	1013	1013	1146	1148
1/19/2020 13:00	1013	1013	1145	1147
1/19/2020 14:00	1013	1013	1146	1147
1/19/2020 15:00	1013	1013	1144	1146
1/19/2020 16:00	1013	1013	1144	1145
1/19/2020 17:00	1013	1013	1145	1147
1/19/2020 18:00	1013	1013	1147	1149
1/19/2020 19:00	1013	1013	1148	1149
1/19/2020 20:00	1013	1013	1148	1149
1/19/2020 21:00	1013	1013	1147	1148
1/19/2020 22:00	1013	1013	1146	1147
1/19/2020 23:00	1013	1013	1146	1146
1/20/2020 0:00	1013	1013	1146	1146
1/20/2020 1:00	1013	1013	1146	1147
1/20/2020 2:00	1013	1013	1146	1147
1/20/2020 3:00	1013	1013	1146	1147
1/20/2020 4:00	1013	1013	1146	1146
1/20/2020 5:00	1013	1013	1146	1146
1/20/2020 6:00	1013	1013	1146	1146
1/20/2020 7:00	1013	1013	1146	1146
1/20/2020 8:00	1013	1013	1146	1146
1/20/2020 9:00	1013	1013	1145	1146
1/20/2020 10:00	1013	1013	1142	1145
1/20/2020 11:00	1013	1013	1140	1142
1/20/2020 12:00	1013	1013	1139	1140
1/20/2020 13:00	1013	1013	1139	1139
1/20/2020 14:00	1013	1013	1139	1140
1/20/2020 15:00	1013	1013	1140	1142

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
1/20/2020 16:00	1013	1013	1142	1145
1/20/2020 17:00	1013	1013	1145	1148
1/20/2020 18:00	1013	1013	1148	1149
1/20/2020 19:00	1013	1013	1149	1150
1/20/2020 20:00	1013	1013	1150	1150
1/20/2020 21:00	1013	1013	1150	1150
1/20/2020 22:00	1013	1013	1148	1150
1/20/2020 23:00	1013	1013	1148	1149
1/21/2020 0:00	1013	1013	1148	1149
1/21/2020 1:00	1013	1013	1149	1150
1/21/2020 2:00	1013	1013	1149	1149
1/21/2020 3:00	1013	1013	1149	1149
1/21/2020 4:00	1013	1013	1149	1149
1/21/2020 5:00	1013	1013	1148	1149
1/21/2020 6:00	1013	1013	1147	1148
1/21/2020 7:00	1013	1013	1147	1147
1/21/2020 8:00	1013	1013	1146	1147
1/21/2020 9:00	1013	1013	1144	1146
1/21/2020 10:00	1013	1013	1141	1144
1/21/2020 11:00	1013	1013	1141	1141
1/21/2020 12:00	1013	1013	1141	1142
1/21/2020 13:00	1013	1013	1142	1145
1/21/2020 14:00	1013	1013	1145	1146
1/21/2020 15:00	1013	1013	1146	1148
1/21/2020 16:00	1013	1013	1147	1149
1/21/2020 17:00	1013	1013	1149	1151
1/21/2020 18:00	1013	1013	1151	1152
1/21/2020 19:00	1013	1013	1151	1152
1/21/2020 20:00	1013	1013	1151	1152
1/21/2020 21:00	1013	1013	1152	1154
1/21/2020 22:00	1013	1013	1153	1154
1/21/2020 23:00	1013	1013	1154	1155
1/22/2020 0:00	1013	1013	1154	1155
1/22/2020 1:00	1013	1013	1154	1155
1/22/2020 2:00	1013	1013	1155	1156
1/22/2020 3:00	1013	1013	1156	1157
1/22/2020 4:00	1013	1013	1157	1159
1/22/2020 5:00	1013	1013	1159	1160
1/22/2020 6:00	1013	1013	1159	1161
1/22/2020 7:00	1013	1013	1161	1161
1/22/2020 8:00	1013	1013	1160	1161
1/22/2020 9:00	1013	1013	1160	1162
1/22/2020 10:00	1013	1013	1162	1162
1/22/2020 11:00	1013	1013	1162	1163
1/22/2020 12:00	1013	1013	1162	1163
1/22/2020 13:00	1013	1013	1161	1162
1/22/2020 14:00	1013	1013	1162	1163
1/22/2020 15:00	1013	1013	1162	1163
1/22/2020 16:00	1013	1013	1163	1165
1/22/2020 17:00	1013	1013	1165	1166
1/22/2020 18:00	1013	1013	1166	1168
1/22/2020 19:00	1013	1013	1166	1168
1/22/2020 20:00	1013	1013	1163	1166
1/22/2020 21:00	1013	1013	1161	1163
1/22/2020 22:00	1013	1013	1163	1167
1/22/2020 23:00	1013	1013	1167	1169
1/23/2020 0:00	1013	1013	1167	1170
1/23/2020 1:00	1013	1013	1170	1172
1/23/2020 2:00	1013	1013	1171	1173
1/23/2020 3:00	1013	1013	1171	1173
1/23/2020 4:00	1013	1013	1171	1174
1/23/2020 5:00	1013	1013	1173	1174
1/23/2020 6:00	1013	1013	1173	1175
1/23/2020 7:00	1013	1013	1172	1173
1/23/2020 8:00	1013	1013	1171	1172
1/23/2020 9:00	1013	1013	1170	1171
1/23/2020 10:00	1013	1013	1169	1170
1/23/2020 11:00	1013	1013	1167	1169
1/23/2020 12:00	1013	1013	1166	1167
1/23/2020 13:00	1013	1013	1164	1166
1/23/2020 14:00	1013	1013	1164	1164
1/23/2020 15:00	1013	1013	1164	1165
1/23/2020 16:00	1013	1013	1164	1165
1/23/2020 17:00	1013	1013	1164	1165
1/23/2020 18:00	1013	1013	1165	1168
1/23/2020 19:00	1013	1013	1164	1168
1/23/2020 20:00	1013	1013	1164	1169
1/23/2020 21:00	1013	1013	1169	1173
1/23/2020 22:00	1013	1013	1171	1173
1/23/2020 23:00	1013	1013	1171	1172

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
1/24/2020 0:00	1013	1013	1170	1171
1/24/2020 1:00	1013	1013	1170	1171
1/24/2020 2:00	1013	1013	1171	1172
1/24/2020 3:00	1013	1013	1172	1174
1/24/2020 4:00	1013	1013	1174	1176
1/24/2020 5:00	1013	1013	1176	1178
1/24/2020 6:00	1013	1013	1178	1178
1/24/2020 7:00	1013	1013	1178	1178
1/24/2020 8:00	1013	1013	1177	1178
1/24/2020 9:00	1013	1013	1178	1178
1/24/2020 10:00	1013	1013	1178	1179
1/24/2020 11:00	1013	1013	1175	1178
1/24/2020 12:00	1013	1013	1174	1175
1/24/2020 13:00	1013	1013	1171	1174
1/24/2020 14:00	1013	1013	1169	1171
1/24/2020 15:00	1013	1013	1169	1170
1/24/2020 16:00	1013	1013	1170	1171
1/24/2020 17:00	1013	1013	1171	1172
1/24/2020 18:00	1013	1013	1171	1172
1/24/2020 19:00	1013	1013	1170	1171
1/24/2020 20:00	1013	1013	1169	1170
1/24/2020 21:00	1013	1013	1168	1169
1/24/2020 22:00	1013	1013	1168	1168
1/24/2020 23:00	1013	1013	1168	1168
1/25/2020 0:00	1013	1013	1168	1169
1/25/2020 1:00	1013	1013	1169	1172
1/25/2020 2:00	1013	1013	1172	1173
1/25/2020 3:00	1013	1013	1173	1176
1/25/2020 4:00	1013	1013	1175	1177
1/25/2020 5:00	1013	1013	1177	1178
1/25/2020 6:00	1013	1013	1176	1178
1/25/2020 7:00	1013	1013	1176	1176
1/25/2020 8:00	1013	1013	1175	1176
1/25/2020 9:00	1013	1013	1173	1175
1/25/2020 10:00	1013	1013	1171	1173
1/25/2020 11:00	1013	1013	1170	1171
1/25/2020 12:00	1013	1013	1169	1170
1/25/2020 13:00	1013	1013	1166	1169
1/25/2020 14:00	1013	1013	1165	1166
1/25/2020 15:00	1013	1013	1165	1166
1/25/2020 16:00	1013	1013	1166	1166
1/25/2020 17:00	1013	1013	1166	1166
1/25/2020 18:00	1013	1013	1165	1166
1/25/2020 19:00	1013	1013	1165	1166
1/25/2020 20:00	1013	1013	1165	1166
1/25/2020 21:00	1013	1013	1165	1166
1/25/2020 22:00	1013	1013	1166	1167
1/25/2020 23:00	1013	1013	1167	1167
1/26/2020 0:00	1013	1013	1165	1167
1/26/2020 1:00	1013	1013	1165	1165
1/26/2020 2:00	1013	1013	1165	1168
1/26/2020 3:00	1013	1013	1167	1168
1/26/2020 4:00	1013	1013	1166	1167
1/26/2020 5:00	1013	1013	1166	1166
1/26/2020 6:00	1013	1013	1166	1166
1/26/2020 7:00	1013	1013	1166	1167
1/26/2020 8:00	1013	1013	1166	1167
1/26/2020 9:00	1013	1013	1165	1166
1/26/2020 10:00	1013	1013	1165	1165
1/26/2020 11:00	1013	1013	1163	1165
1/26/2020 12:00	1013	1013	1163	1164
1/26/2020 13:00	1013	1013	1164	1165
1/26/2020 14:00	1013	1013	1165	1166
1/26/2020 15:00	1013	1013	1166	1166
1/26/2020 16:00	1013	1013	1166	1167
1/26/2020 17:00	1013	1013	1167	1167
1/26/2020 18:00	1013	1013	1167	1168
1/26/2020 19:00	1013	1013	1168	1169
1/26/2020 20:00	1013	1013	1169	1169
1/26/2020 21:00	1013	1013	1169	1169
1/26/2020 22:00	1013	1013	1169	1169
1/26/2020 23:00	1013	1013	1168	1169
1/27/2020 0:00	1013	1013	1168	1168
1/27/2020 1:00	1013	1013	1168	1169
1/27/2020 2:00	1013	1013	1169	1169
1/27/2020 3:00	1013	1013	1169	1170
1/27/2020 4:00	1013	1013	1170	1170
1/27/2020 5:00	1013	1013	1170	1170
1/27/2020 6:00	1013	1013	1170	1171
1/27/2020 7:00	1013	1013	1171	1171

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
1/27/2020 8:00	1013	1013	1170	1171
1/27/2020 9:00	1013	1013	1166	1170
1/27/2020 10:00	1013	1013	1164	1166
1/27/2020 11:00	1013	1013	1164	1166
1/27/2020 12:00	1013	1013	1163	1166
1/27/2020 13:00	1013	1013	1162	1164
1/27/2020 14:00	1013	1013	1164	1166
1/27/2020 15:00	1013	1013	1166	1167
1/27/2020 16:00	1013	1013	1166	1167
1/27/2020 17:00	1013	1013	1166	1167
1/27/2020 18:00	1013	1013	1166	1167
1/27/2020 19:00	1013	1013	1163	1167
1/27/2020 20:00	1013	1013	1162	1163
1/27/2020 21:00	1013	1013	1162	1164
1/27/2020 22:00	1013	1013	1164	1165
1/27/2020 23:00	1013	1013	1164	1165
1/28/2020 0:00	1013	1013	1164	1166
1/28/2020 1:00	1013	1013	1166	1166
1/28/2020 2:00	1013	1013	1166	1166
1/28/2020 3:00	1013	1013	1165	1166
1/28/2020 4:00	1013	1013	1165	1165
1/28/2020 5:00	1013	1013	1165	1167
1/28/2020 6:00	1013	1013	1167	1169
1/28/2020 7:00	1013	1013	1169	1169
1/28/2020 8:00	1013	1013	1168	1169
1/28/2020 9:00	1013	1013	1168	1168
1/28/2020 10:00	1013	1013	1167	1168
1/28/2020 11:00	1013	1013	1165	1167
1/28/2020 12:00	1013	1013	1164	1165
1/28/2020 13:00	1013	1013	1162	1164
1/28/2020 14:00	1013	1013	1162	1162
1/28/2020 15:00	1013	1013	1162	1163
1/28/2020 16:00	1013	1013	1162	1162
1/28/2020 17:00	1013	1013	1162	1163
1/28/2020 18:00	1013	1013	1163	1164
1/28/2020 19:00	1013	1013	1162	1163
1/28/2020 20:00	1013	1013	1162	1162
1/28/2020 21:00	1013	1013	1161	1162
1/28/2020 22:00	1013	1013	1161	1162
1/28/2020 23:00	1013	1013	1162	1162
1/29/2020 0:00	1013	1013	1162	1167
1/29/2020 1:00	1013	1013	1166	1167
1/29/2020 2:00	1013	1013	1167	1167
1/29/2020 3:00	1013	1013	1165	1167
1/29/2020 4:00	1013	1013	1165	1166
1/29/2020 5:00	1013	1013	1165	1166
1/29/2020 6:00	1013	1013	1165	1167
1/29/2020 7:00	1013	1013	1167	1167
1/29/2020 8:00	1013	1013	1165	1167
1/29/2020 9:00	1013	1013	1165	1165
1/29/2020 10:00	1013	1013	1165	1166
1/29/2020 11:00	1013	1013	1166	1167
1/29/2020 12:00	1013	1013	1167	1168
1/29/2020 13:00	1013	1013	1166	1168
1/29/2020 14:00	1013	1013	1164	1166
1/29/2020 15:00	1013	1013	1164	1164
1/29/2020 16:00	1013	1013	1164	1165
1/29/2020 17:00	1013	1013	1165	1165
1/29/2020 18:00	1013	1013	1165	1165
1/29/2020 19:00	1013	1013	1165	1166
1/29/2020 20:00	1013	1013	1166	1167
1/29/2020 21:00	1013	1013	1166	1167
1/29/2020 22:00	1013	1013	1165	1166
1/29/2020 23:00	1013	1013	1164	1165
1/30/2020 0:00	1013	1013	1164	1164
1/30/2020 1:00	1013	1013	1163	1164
1/30/2020 2:00	1013	1013	1164	1165
1/30/2020 3:00	1013	1013	1164	1165
1/30/2020 4:00	1013	1013	1165	1166
1/30/2020 5:00	1013	1013	1166	1167
1/30/2020 6:00	1013	1013	1167	1168
1/30/2020 7:00	1013	1013	1167	1168
1/30/2020 8:00	1013	1013	1167	1168
1/30/2020 9:00	1013	1013	1167	1168
1/30/2020 10:00	1013	1013	1168	1168
1/30/2020 11:00	1013	1013	1168	1169
1/30/2020 12:00	1013	1013	1167	1168
1/30/2020 13:00	1013	1013	1165	1167
1/30/2020 14:00	1013	1013	1163	1165
1/30/2020 15:00	1013	1013	1163	1163

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
1/30/2020 16:00	1013	1013	1163	1163
1/30/2020 17:00	1013	1013	1162	1163
1/30/2020 18:00	1013	1013	1162	1163
1/30/2020 19:00	1013	1013	1163	1164
1/30/2020 20:00	1013	1013	1164	1164
1/30/2020 21:00	1013	1013	1163	1164
1/30/2020 22:00	1013	1013	1163	1165
1/30/2020 23:00	1013	1013	1165	1165
1/31/2020 0:00	1013	1013	1164	1165
1/31/2020 1:00	1013	1013	1163	1164
1/31/2020 2:00	1013	1013	1164	1164
1/31/2020 3:00	1013	1013	1162	1164
1/31/2020 4:00	1013	1013	1162	1163
1/31/2020 5:00	1013	1013	1163	1164
1/31/2020 6:00	1013	1013	1164	1166
1/31/2020 7:00	1013	1013	1166	1166
1/31/2020 8:00	1013	1013	1166	1166
1/31/2020 9:00	1013	1013	1165	1166
1/31/2020 10:00	1013	1013	1164	1165
1/31/2020 11:00	1013	1013	1163	1164
1/31/2020 12:00	1013	1013	1163	1163
1/31/2020 13:00	1013	1013	1162	1163
1/31/2020 14:00	1013	1013	1162	1162
1/31/2020 15:00	1013	1013	1162	1162
1/31/2020 16:00	1013	1013	1161	1162
1/31/2020 17:00	1013	1013	1162	1162
1/31/2020 18:00	1013	1013	1162	1163
1/31/2020 19:00	1013	1013	1163	1163
1/31/2020 20:00	1013	1013	1162	1163
1/31/2020 21:00	1013	1013	1162	1164
1/31/2020 22:00	1013	1013	1164	1165
1/31/2020 23:00	1013	1013	1163	1165