

May 19, 2014



Darrell Nitschke, 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. Nitschke:

Enclosed with this letter are Xcel Energy's natural gas heating value reports for April 2014 as required by N.D. Admin. Code 69-09-01-02, part 2.

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

Sincerely,



Heather Risley  
Manager, Gas Pipeline Compliance & 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
4/1/2014 10:00	1018	1019	1161	1161
4/1/2014 11:00	1018	1018	1161	1165
4/1/2014 12:00	1017	1018	1162	1166
4/1/2014 13:00	1017	1018	1155	1162
4/1/2014 14:00	1018	1018	1155	1164
4/1/2014 15:00	1018	1018	1161	1164
4/1/2014 16:00	1017	1018	1161	1163
4/1/2014 17:00	1017	1018	1162	1171
4/1/2014 18:00	1017	1018	1163	1171
4/1/2014 19:00	1017	1017	1161	1163
4/1/2014 20:00	1017	1017	1161	1164
4/1/2014 21:00	1017	1017	1163	1166
4/1/2014 22:00	1017	1017	1163	1166
4/1/2014 23:00	1017	1017	1163	1166
4/2/2014 0:00	1017	1017	1165	1170
4/2/2014 1:00	1017	1017	1168	1170
4/2/2014 2:00	1017	1017	1170	1171
4/2/2014 3:00	1017	1017	1171	1175
4/2/2014 4:00	1017	1017	1175	1183
4/2/2014 5:00	1017	1018	1180	1183
4/2/2014 6:00	1018	1018	1181	1183
4/2/2014 7:00	1018	1019	1180	1181
4/2/2014 8:00	1019	1019	1178	1180
4/2/2014 9:00	1019	1019	1178	1179
4/2/2014 10:00	1018	1019	1176	1179
4/2/2014 11:00	1018	1018	1178	1178
4/2/2014 12:00	1018	1018	1175	1178
4/2/2014 13:00	1018	1018	1174	1175
4/2/2014 14:00	1018	1018	1173	1174
4/2/2014 15:00	1018	1018	1173	1178
4/2/2014 16:00	1018	1018	1174	1178
4/2/2014 17:00	1018	1018	1174	1184
4/2/2014 18:00	1018	1018	1175	1184
4/2/2014 19:00	1018	1018	1173	1180
4/2/2014 20:00	1018	1018	1173	1177
4/2/2014 21:00	1018	1018	1173	1187
4/2/2014 22:00	1018	1018	1175	1191
4/2/2014 23:00	1018	1018	1175	1180
4/3/2014 0:00	1018	1018	1180	1181
4/3/2014 1:00	1018	1018	1181	1184
4/3/2014 2:00	1018	1019	1181	1184
4/3/2014 3:00	1019	1019	1181	1183
4/3/2014 4:00	1019	1019	1182	1183
4/3/2014 5:00	1019	1019	1183	1193
4/3/2014 6:00	1019	1019	1188	1193
4/3/2014 7:00	1019	1019	1189	1192
4/3/2014 8:00	1019	1019	1189	1191
4/3/2014 9:00	1019	1019	1189	1190
4/3/2014 10:00	1019	1019	1190	1191
4/3/2014 11:00	1019	1019	1191	1191
4/3/2014 12:00	1019	1019	1187	1191
4/3/2014 13:00	1019	1019	1184	1188
4/3/2014 14:00	1019	1019	1185	1194
4/3/2014 15:00	1019	1019	1192	1194
4/3/2014 16:00	1018	1019	1192	1196
4/3/2014 17:00	1018	1018	1191	1196
4/3/2014 18:00	1018	1018	1191	1191
4/3/2014 19:00	1018	1018	1189	1191
4/3/2014 20:00	1018	1018	1190	1191
4/3/2014 21:00	1018	1018	1188	1190

**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
4/3/2014 22:00	1018	1018	1184	1189
4/3/2014 23:00	1018	1019	1181	1184
4/4/2014 0:00	1019	1019	1184	1188
4/4/2014 1:00	1019	1019	1188	1191
4/4/2014 2:00	1019	1019	1191	1192
4/4/2014 3:00	1019	1019	1190	1192
4/4/2014 4:00	1019	1019	1190	1191
4/4/2014 5:00	1019	1019	1186	1191
4/4/2014 6:00	1019	1019	1182	1191
4/4/2014 7:00	1019	1019	1191	1200
4/4/2014 8:00	1019	1019	1178	1191
4/4/2014 9:00	1019	1019	1178	1200
4/4/2014 10:00	1019	1019	1193	1200
4/4/2014 11:00	1019	1019	1189	1193
4/4/2014 12:00	1019	1019	1190	1193
4/4/2014 13:00	1019	1019	1191	1192
4/4/2014 14:00	1019	1019	1190	1192
4/4/2014 15:00	1019	1019	1190	1192
4/4/2014 16:00	1019	1019	1191	1192
4/4/2014 17:00	1019	1019	1190	1191
4/4/2014 18:00	1019	1019	1180	1190
4/4/2014 19:00	1019	1019	1179	1182
4/4/2014 20:00	1019	1020	1175	1179
4/4/2014 21:00	1020	1020	1175	1185
4/4/2014 22:00	1020	1020	1171	1185
4/4/2014 23:00	1020	1020	1173	1177
4/5/2014 0:00	1020	1020	1176	1177
4/5/2014 1:00	1020	1020	1176	1182
4/5/2014 2:00	1020	1020	1178	1182
4/5/2014 3:00	1020	1020	1178	1182
4/5/2014 4:00	1020	1020	1179	1200
4/5/2014 5:00	1020	1020	1200	1200
4/5/2014 6:00	1019	1020	1200	1200
4/5/2014 7:00	1018	1019	1200	1200
4/5/2014 8:00	1017	1018	1199	1200
4/5/2014 9:00	1017	1017	1198	1200
4/5/2014 10:00	1016	1017	1198	1199
4/5/2014 11:00	1015	1016	1197	1200
4/5/2014 12:00	1015	1015	1197	1199
4/5/2014 13:00	1015	1015	1197	1199
4/5/2014 14:00	1015	1015	1197	1199
4/5/2014 15:00	1014	1015	1197	1198
4/5/2014 16:00	1014	1014	1196	1199
4/5/2014 17:00	1013	1014	1196	1197
4/5/2014 18:00	1013	1013	1197	1198
4/5/2014 19:00	1013	1013	1197	1200
4/5/2014 20:00	1013	1013	1200	1200
4/5/2014 21:00	1013	1013	1200	1200
4/5/2014 22:00	1012	1013	1200	1200
4/5/2014 23:00	1012	1012	1198	1200
4/6/2014 0:00	1012	1013	1198	1200
4/6/2014 1:00	1013	1013	1200	1200
4/6/2014 2:00	1013	1013	1200	1200
4/6/2014 3:00	1013	1013	1200	1200
4/6/2014 4:00	1013	1013	1199	1200
4/6/2014 5:00	1013	1013	1200	1200
4/6/2014 6:00	1013	1013	1198	1200
4/6/2014 7:00	1013	1013	1198	1200
4/6/2014 8:00	1013	1013	1199	1200
4/6/2014 9:00	1013	1013	1199	1200
4/6/2014 10:00	1013	1014	1200	1200
4/6/2014 11:00	1014	1014	1200	1200
4/6/2014 12:00	1014	1014	1199	1200
4/6/2014 13:00	1014	1014	1199	1199
4/6/2014 14:00	1014	1014	1199	1200
4/6/2014 15:00	1014	1014	1199	1200
4/6/2014 16:00	1013	1014	1200	1200
4/6/2014 17:00	1013	1013	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
4/6/2014 18:00	1013	1013	1200	1200
4/6/2014 19:00	1013	1013	1200	1200
4/6/2014 20:00	1013	1013	1200	1200
4/6/2014 21:00	1013	1013	1200	1200
4/6/2014 22:00	1012	1013	1199	1200
4/6/2014 23:00	1012	1012	1199	1200
4/7/2014 0:00	1012	1012	1200	1200
4/7/2014 1:00	1012	1012	1200	1200
4/7/2014 2:00	1011	1012	1200	1200
4/7/2014 3:00	1011	1011	1200	1200
4/7/2014 4:00	1011	1011	1200	1200
4/7/2014 5:00	1011	1011	1200	1200
4/7/2014 6:00	1011	1012	1200	1200
4/7/2014 7:00	1012	1012	1200	1200
4/7/2014 8:00	1012	1012	1200	1200
4/7/2014 9:00	1012	1012	1194	1200
4/7/2014 10:00	1012	1012	1184	1194
4/7/2014 11:00	1012	1012	1184	1200
4/7/2014 12:00	1012	1012	1197	1200
4/7/2014 13:00	1012	1013	1198	1200
4/7/2014 14:00	1013	1013	1197	1198
4/7/2014 15:00	1013	1013	1194	1197
4/7/2014 16:00	1013	1014	1194	1197
4/7/2014 17:00	1014	1014	1196	1198
4/7/2014 18:00	1014	1015	1197	1199
4/7/2014 19:00	1012	1015	1197	1198
4/7/2014 20:00	1012	1012	1196	1198
4/7/2014 21:00	1012	1012	1198	1200
4/7/2014 22:00	1012	1012	1198	1200
4/7/2014 23:00	1012	1012	1194	1198
4/8/2014 0:00	1012	1012	1191	1194
4/8/2014 1:00	1012	1012	1192	1196
4/8/2014 2:00	1012	1012	1194	1197
4/8/2014 3:00	1012	1012	1193	1197
4/8/2014 4:00	1012	1012	1190	1200
4/8/2014 5:00	1012	1012	1190	1200
4/8/2014 6:00	1012	1012	1200	1200
4/8/2014 7:00	1012	1012	1200	1200
4/8/2014 8:00	1012	1012	1200	1200
4/8/2014 9:00	1012	1012	1200	1200
4/8/2014 10:00	1012	1012	1200	1200
4/8/2014 11:00	1012	1012	1193	1200
4/8/2014 12:00	1012	1012	1188	1193
4/8/2014 13:00	1012	1012	1185	1188
4/8/2014 14:00	1012	1012	1185	1187
4/8/2014 15:00	1012	1012	1182	1186
4/8/2014 16:00	1012	1012	1184	1185
4/8/2014 17:00	1012	1012	1185	1187
4/8/2014 18:00	1012	1012	1186	1188
4/8/2014 19:00	1012	1012	1186	1191
4/8/2014 20:00	1012	1012	1190	1195
4/8/2014 21:00	1011	1012	1195	1198
4/8/2014 22:00	1011	1011	1198	1200
4/8/2014 23:00	1011	1011	1200	1200
4/9/2014 0:00	1011	1011	1200	1200
4/9/2014 1:00	1011	1011	1199	1200
4/9/2014 2:00	1011	1011	1199	1200
4/9/2014 3:00	1011	1011	1200	1200
4/9/2014 4:00	1011	1011	1198	1200
4/9/2014 5:00	1011	1011	1197	1200
4/9/2014 6:00	1011	1011	1186	1200
4/9/2014 7:00	1011	1012	1188	1195
4/9/2014 8:00	1012	1012	1187	1192
4/9/2014 9:00	1012	1012	1187	1193
4/9/2014 10:00	1012	1012	1189	1193
4/9/2014 11:00	1012	1012	1189	1198
4/9/2014 12:00	1012	1012	1196	1198
4/9/2014 13:00	1012	1012	1193	1197

**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
4/9/2014 14:00	1012	1012	1190	1193
4/9/2014 15:00	1011	1012	1188	1192
4/9/2014 16:00	1011	1011	1188	1192
4/9/2014 17:00	1011	1011	1189	1194
4/9/2014 18:00	1011	1011	1178	1194
4/9/2014 19:00	1011	1011	1178	1188
4/9/2014 20:00	1011	1011	1188	1198
4/9/2014 21:00	1011	1011	1189	1198
4/9/2014 22:00	1011	1011	1194	1199
4/9/2014 23:00	1011	1011	1199	1200
4/10/2014 0:00	1011	1011	1200	1200
4/10/2014 1:00	1011	1011	1200	1200
4/10/2014 2:00	1011	1011	1200	1200
4/10/2014 3:00	1011	1011	1200	1200
4/10/2014 4:00	1011	1011	1200	1200
4/10/2014 5:00	1011	1011	1200	1200
4/10/2014 6:00	1011	1011	1200	1200
4/10/2014 7:00	1010	1011	1196	1200
4/10/2014 8:00	1010	1010	1193	1197
4/10/2014 9:00	1010	1010	1192	1193
4/10/2014 10:00	1010	1010	1192	1197
4/10/2014 11:00	1010	1011	1196	1197
4/10/2014 12:00	1011	1011	1193	1196
4/10/2014 13:00	1011	1011	1193	1193
4/10/2014 14:00	1011	1011	1192	1193
4/10/2014 15:00	1011	1011	1191	1192
4/10/2014 16:00	1011	1011	1189	1191
4/10/2014 17:00	1011	1011	1181	1189
4/10/2014 18:00	1011	1011	1178	1181
4/10/2014 19:00	1011	1011	1178	1181
4/10/2014 20:00	1011	1011	1181	1200
4/10/2014 21:00	1011	1011	1178	1200
4/10/2014 22:00	1011	1011	1178	1180
4/10/2014 23:00	1011	1011	1180	1187
4/11/2014 0:00	1011	1011	1187	1200
4/11/2014 1:00	1011	1011	1193	1200
4/11/2014 2:00	1011	1011	1199	1200
4/11/2014 3:00	1011	1011	1199	1200
4/11/2014 4:00	1011	1011	1200	1200
4/11/2014 5:00	1011	1011	1200	1200
4/11/2014 6:00	1011	1011	1200	1200
4/11/2014 7:00	1011	1011	1200	1200
4/11/2014 8:00	1011	1011	1200	1200
4/11/2014 9:00	1011	1011	1196	1200
4/11/2014 10:00	1011	1012	1196	1200
4/11/2014 11:00	1012	1012	1199	1200
4/11/2014 12:00	1012	1012	1199	1200
4/11/2014 13:00	1012	1012	1197	1200
4/11/2014 14:00	1012	1012	1197	1199
4/11/2014 15:00	1012	1012	1197	1199
4/11/2014 16:00	1012	1012	1199	1200
4/11/2014 17:00	1012	1012	1198	1199
4/11/2014 18:00	1012	1012	1198	1198
4/11/2014 19:00	1012	1012	1198	1200
4/11/2014 20:00	1012	1012	1199	1200
4/11/2014 21:00	1011	1012	1197	1200
4/11/2014 22:00	1011	1011	1190	1197
4/11/2014 23:00	1011	1011	1189	1197
4/12/2014 0:00	1011	1011	1197	1200
4/12/2014 1:00	1011	1011	1200	1200
4/12/2014 2:00	1011	1011	1200	1200
4/12/2014 3:00	1011	1011	1200	1200
4/12/2014 4:00	1011	1011	1200	1200
4/12/2014 5:00	1011	1011	1200	1200
4/12/2014 6:00	1011	1011	1200	1200
4/12/2014 7:00	1011	1011	1200	1200
4/12/2014 8:00	1011	1011	1200	1200
4/12/2014 9:00	1011	1011	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
4/12/2014 10:00	1011	1011	1200	1200
4/12/2014 11:00	1011	1011	1200	1200
4/12/2014 12:00	1011	1011	1200	1200
4/12/2014 13:00	1011	1011	1200	1200
4/12/2014 14:00	1011	1012	1195	1200
4/12/2014 15:00	1012	1012	1195	1197
4/12/2014 16:00	1012	1012	1196	1200
4/12/2014 17:00	1012	1012	1200	1200
4/12/2014 18:00	1012	1012	1200	1200
4/12/2014 19:00	1012	1012	1200	1200
4/12/2014 20:00	1012	1012	1196	1200
4/12/2014 21:00	1012	1012	1196	1198
4/12/2014 22:00	1012	1012	1198	1199
4/12/2014 23:00	1012	1012	1198	1199
4/13/2014 0:00	1012	1012	1199	1200
4/13/2014 1:00	1012	1012	1200	1200
4/13/2014 2:00	1012	1012	1200	1200
4/13/2014 3:00	1012	1012	1200	1200
4/13/2014 4:00	1012	1012	1200	1200
4/13/2014 5:00	1012	1012	1200	1200
4/13/2014 6:00	1012	1012	1200	1200
4/13/2014 7:00	1012	1012	1200	1200
4/13/2014 8:00	1012	1012	1198	1200
4/13/2014 9:00	1012	1012	1198	1199
4/13/2014 10:00	1012	1012	1198	1200
4/13/2014 11:00	1012	1012	1198	1199
4/13/2014 12:00	1012	1012	1196	1198
4/13/2014 13:00	1012	1012	1196	1200
4/13/2014 14:00	1012	1012	1195	1200
4/13/2014 15:00	1012	1012	1193	1199
4/13/2014 16:00	1011	1012	1193	1195
4/13/2014 17:00	1011	1011	1193	1195
4/13/2014 18:00	1011	1011	1192	1193
4/13/2014 19:00	1011	1011	1193	1195
4/13/2014 20:00	1011	1011	1188	1195
4/13/2014 21:00	1011	1011	1185	1188
4/13/2014 22:00	1011	1011	1184	1185
4/13/2014 23:00	1011	1011	1181	1185
4/14/2014 0:00	1011	1011	1179	1181
4/14/2014 1:00	1011	1011	1180	1184
4/14/2014 2:00	1011	1012	1184	1194
4/14/2014 3:00	1012	1012	1194	1200
4/14/2014 4:00	1012	1012	1200	1200
4/14/2014 5:00	1012	1012	1195	1200
4/14/2014 6:00	1012	1012	1195	1196
4/14/2014 7:00	1012	1013	1194	1196
4/14/2014 8:00	1013	1013	1194	1195
4/14/2014 9:00	1013	1013	1192	1195
4/14/2014 10:00	1013	1013	1192	1196
4/14/2014 11:00	1013	1013	1194	1196
4/14/2014 12:00	1013	1013	1194	1199
4/14/2014 13:00	1013	1013	1197	1199
4/14/2014 14:00	1013	1013	1196	1197
4/14/2014 15:00	1013	1014	1196	1197
4/14/2014 16:00	1013	1014	1197	1200
4/14/2014 17:00	1013	1013	1192	1199
4/14/2014 18:00	1013	1013	1180	1193
4/14/2014 19:00	1013	1013	1180	1184
4/14/2014 20:00	1013	1013	1183	1185
4/14/2014 21:00	1012	1013	1184	1189
4/14/2014 22:00	1012	1012	1180	1189
4/14/2014 23:00	1012	1012	1179	1181
4/15/2014 0:00	1012	1012	1179	1182
4/15/2014 1:00	1012	1012	1182	1184
4/15/2014 2:00	1012	1012	1182	1185
4/15/2014 3:00	1012	1012	1178	1182
4/15/2014 4:00	1012	1012	1178	1186
4/15/2014 5:00	1012	1012	1185	1186

**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
4/15/2014 6:00	1012	1012	1185	1190
4/15/2014 7:00	1012	1012	1184	1190
4/15/2014 8:00	1012	1012	1184	1193
4/15/2014 9:00	1012	1012	1186	1193
4/15/2014 10:00	1012	1012	1186	1193
4/15/2014 11:00	1012	1012	1191	1193
4/15/2014 12:00	1011	1012	1191	1192
4/15/2014 13:00	1011	1011	1189	1191
4/15/2014 14:00	1011	1011	1187	1189
4/15/2014 15:00	1011	1011	1186	1187
4/15/2014 16:00	1011	1011	1181	1186
4/15/2014 17:00	1011	1012	1177	1183
4/15/2014 18:00	1012	1012	1182	1183
4/15/2014 19:00	1012	1012	1180	1182
4/15/2014 20:00	1012	1012	1180	1182
4/15/2014 21:00	1012	1012	1180	1182
4/15/2014 22:00	1012	1012	1181	1185
4/15/2014 23:00	1011	1012	1183	1185
4/16/2014 0:00	1011	1011	1174	1185
4/16/2014 1:00	1011	1011	1171	1176
4/16/2014 2:00	1011	1011	1171	1174
4/16/2014 3:00	1011	1011	1173	1174
4/16/2014 4:00	1011	1011	1173	1175
4/16/2014 5:00	1011	1011	1171	1175
4/16/2014 6:00	1010	1011	1169	1175
4/16/2014 7:00	1010	1010	1175	1177
4/16/2014 8:00	1010	1010	1176	1178
4/16/2014 9:00	1010	1011	1177	1178
4/16/2014 10:00	1011	1011	1177	1178
4/16/2014 11:00	1011	1011	1174	1177
4/16/2014 12:00	1011	1011	1174	1175
4/16/2014 13:00	1011	1011	1174	1175
4/16/2014 14:00	1011	1012	1166	1177
4/16/2014 15:00	1012	1012	1176	1177
4/16/2014 16:00	1012	1012	1176	1177
4/16/2014 17:00	1012	1012	1174	1176
4/16/2014 18:00	1012	1012	1176	1180
4/16/2014 19:00	1012	1012	1174	1180
4/16/2014 20:00	1012	1013	1174	1180
4/16/2014 21:00	1013	1013	1178	1180
4/16/2014 22:00	1013	1013	1174	1178
4/16/2014 23:00	1013	1013	1172	1175
4/17/2014 0:00	1013	1013	1175	1176
4/17/2014 1:00	1013	1013	1175	1176
4/17/2014 2:00	1012	1013	1175	1177
4/17/2014 3:00	1012	1012	1176	1179
4/17/2014 4:00	1012	1012	1177	1179
4/17/2014 5:00	1012	1012	1177	1181
4/17/2014 6:00	1012	1012	1179	1181
4/17/2014 7:00	1011	1012	1179	1181
4/17/2014 8:00	1011	1011	1178	1181
4/17/2014 9:00	1011	1011	1179	1179
4/17/2014 10:00	1011	1011	1178	1180
4/17/2014 11:00	1011	1011	1178	1180
4/17/2014 12:00	1011	1011	1177	1180
4/17/2014 13:00	1011	1011	1179	1180
4/17/2014 14:00	1011	1011	1178	1180
4/17/2014 15:00	1011	1011	1176	1178
4/17/2014 16:00	1011	1011	1175	1176
4/17/2014 17:00	1011	1011	1172	1175
4/17/2014 18:00	1011	1011	1172	1172
4/17/2014 19:00	1011	1011	1172	1174
4/17/2014 20:00	1011	1011	1174	1178
4/17/2014 21:00	1011	1011	1177	1178
4/17/2014 22:00	1011	1011	1177	1179
4/17/2014 23:00	1011	1011	1179	1188
4/18/2014 0:00	1011	1011	1176	1188
4/18/2014 1:00	1011	1011	1180	1183



**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
4/18/2014 2:00	1011	1011	1180	1191
4/18/2014 3:00	1011	1011	1188	1191
4/18/2014 4:00	1011	1011	1190	1191
4/18/2014 5:00	1011	1011	1191	1197
4/18/2014 6:00	1011	1011	1193	1200
4/18/2014 7:00	1011	1012	1197	1200
4/18/2014 8:00	1012	1012	1200	1200
4/18/2014 9:00	1012	1012	1200	1200
4/18/2014 10:00	1012	1012	1200	1200
4/18/2014 11:00	1012	1012	1200	1200
4/18/2014 12:00	1012	1012	1200	1200
4/18/2014 13:00	1012	1012	1200	1200
4/18/2014 14:00	1012	1012	1200	1200
4/18/2014 15:00	1012	1012	1200	1200
4/18/2014 16:00	1012	1012	1200	1200
4/18/2014 17:00	1012	1012	1200	1200
4/18/2014 18:00	1012	1013	1200	1200
4/18/2014 19:00	1013	1013	1200	1200
4/18/2014 20:00	1013	1013	1200	1200
4/18/2014 21:00	1013	1013	1200	1200
4/18/2014 22:00	1013	1013	1200	1200
4/18/2014 23:00	1013	1013	1200	1200
4/19/2014 0:00	1013	1013	1200	1200
4/19/2014 1:00	1013	1013	1200	1200
4/19/2014 2:00	1013	1013	1200	1200
4/19/2014 3:00	1013	1013	1200	1200
4/19/2014 4:00	1013	1013	1198	1200
4/19/2014 5:00	1013	1013	1197	1199
4/19/2014 6:00	1013	1013	1197	1200
4/19/2014 7:00	1013	1013	1193	1200
4/19/2014 8:00	1012	1013	1195	1200
4/19/2014 9:00	1012	1012	1200	1200
4/19/2014 10:00	1012	1012	1196	1200
4/19/2014 11:00	1012	1012	1195	1197
4/19/2014 12:00	1012	1012	1195	1196
4/19/2014 13:00	1011	1012	1190	1195
4/19/2014 14:00	1011	1011	1190	1199
4/19/2014 15:00	1011	1011	1198	1199
4/19/2014 16:00	1011	1011	1199	1200
4/19/2014 17:00	1011	1012	1200	1200
4/19/2014 18:00	1012	1012	1200	1200
4/19/2014 19:00	1012	1012	1199	1200
4/19/2014 20:00	1012	1013	1200	1200
4/19/2014 21:00	1013	1013	1200	1200
4/19/2014 22:00	1013	1013	1198	1200
4/19/2014 23:00	1013	1013	1196	1198
4/20/2014 0:00	1013	1013	1196	1198
4/20/2014 1:00	1013	1013	1198	1199
4/20/2014 2:00	1013	1013	1197	1198
4/20/2014 3:00	1013	1013	1197	1198
4/20/2014 4:00	1013	1013	1198	1199
4/20/2014 5:00	1013	1013	1198	1199
4/20/2014 6:00	1013	1013	1198	1199
4/20/2014 7:00	1013	1013	1198	1199
4/20/2014 8:00	1013	1013	1199	1200
4/20/2014 9:00	1013	1013	1200	1200
4/20/2014 10:00	1013	1013	1200	1200
4/20/2014 11:00	1013	1013	1200	1200
4/20/2014 12:00	1013	1013	1200	1200
4/20/2014 13:00	1013	1013	1200	1200
4/20/2014 14:00	1013	1013	1200	1200
4/20/2014 15:00	1013	1013	1200	1200
4/20/2014 16:00	1013	1013	1200	1200
4/20/2014 17:00	1013	1013	1200	1200
4/20/2014 18:00	1013	1013	1199	1200
4/20/2014 19:00	1013	1013	1199	1200
4/20/2014 20:00	1013	1013	1200	1200
4/20/2014 21:00	1013	1013	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
4/20/2014 22:00	1013	1013	1200	1200
4/20/2014 23:00	1013	1014	1200	1200
4/21/2014 0:00	1014	1015	1200	1200
4/21/2014 1:00	1015	1015	1200	1200
4/21/2014 2:00	1015	1016	1200	1200
4/21/2014 3:00	1016	1017	1198	1200
4/21/2014 4:00	1017	1017	1200	1200
4/21/2014 5:00	1017	1017	1200	1200
4/21/2014 6:00	1017	1018	1200	1200
4/21/2014 7:00	1018	1018	1200	1200
4/21/2014 8:00	1018	1018	1200	1200
4/21/2014 9:00	1018	1018	1200	1200
4/21/2014 10:00	1018	1018	1200	1200
4/21/2014 11:00	1018	1018	1200	1200
4/21/2014 12:00	1018	1018	1200	1200
4/21/2014 13:00	1017	1018	1200	1200
4/21/2014 14:00	1017	1017	1200	1200
4/21/2014 15:00	1016	1017	1200	1200
4/21/2014 16:00	1016	1016	1200	1200
4/21/2014 17:00	1015	1016	1200	1200
4/21/2014 18:00	1015	1015	1200	1200
4/21/2014 19:00	1014	1015	1200	1200
4/21/2014 20:00	1014	1014	1200	1200
4/21/2014 21:00	1013	1014	1200	1200
4/21/2014 22:00	1013	1013	1200	1200
4/21/2014 23:00	1013	1013	1200	1200
4/22/2014 0:00	1013	1014	1200	1200
4/22/2014 1:00	1014	1014	1200	1200
4/22/2014 2:00	1014	1014	1200	1200
4/22/2014 3:00	1014	1014	1200	1200
4/22/2014 4:00	1014	1014	1200	1200
4/22/2014 5:00	1014	1014	1200	1200
4/22/2014 6:00	1014	1014	1200	1200
4/22/2014 7:00	1014	1015	1200	1200
4/22/2014 8:00	1015	1015	1200	1200
4/22/2014 9:00	1015	1015	1200	1200
4/22/2014 10:00	1015	1015	1200	1200
4/22/2014 11:00	1014	1015	1200	1200
4/22/2014 12:00	1014	1014	1200	1200
4/22/2014 13:00	1014	1014	1200	1200
4/22/2014 14:00	1014	1014	1200	1200
4/22/2014 15:00	1014	1014	1199	1200
4/22/2014 16:00	1014	1014	1198	1200
4/22/2014 17:00	1013	1014	1198	1198
4/22/2014 18:00	1013	1013	1196	1198
4/22/2014 19:00	1013	1013	1196	1197
4/22/2014 20:00	1013	1013	1197	1197
4/22/2014 21:00	1013	1013	1194	1197
4/22/2014 22:00	1013	1013	1193	1194
4/22/2014 23:00	1013	1013	1188	1193
4/23/2014 0:00	1013	1013	1188	1199
4/23/2014 1:00	1013	1013	1197	1200
4/23/2014 2:00	1013	1013	1200	1200
4/23/2014 3:00	1013	1013	1200	1200
4/23/2014 4:00	1013	1013	1200	1200
4/23/2014 5:00	1013	1013	1200	1200
4/23/2014 6:00	1013	1013	1200	1200
4/23/2014 7:00	1013	1013	1200	1200
4/23/2014 8:00	1013	1013	1200	1200
4/23/2014 9:00	1012	1013	1200	1200
4/23/2014 10:00	1012	1012	1200	1200
4/23/2014 11:00	1012	1012	1200	1200
4/23/2014 12:00	1012	1012	1200	1200
4/23/2014 13:00	1012	1012	1200	1200
4/23/2014 14:00	1012	1012	1200	1200
4/23/2014 15:00	1011	1012	1200	1200
4/23/2014 16:00	1011	1011	1200	1200
4/23/2014 17:00	1011	1011	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
4/23/2014 18:00	1011	1011	1200	1200
4/23/2014 19:00	1011	1011	1200	1200
4/23/2014 20:00	1011	1011	1200	1200
4/23/2014 21:00	1011	1011	1200	1200
4/23/2014 22:00	1011	1012	1200	1200
4/23/2014 23:00	1012	1012	1200	1200
4/24/2014 0:00	1012	1012	1200	1200
4/24/2014 1:00	1012	1012	1200	1200
4/24/2014 2:00	1012	1012	1200	1200
4/24/2014 3:00	1012	1012	1200	1200
4/24/2014 4:00	1012	1012	1200	1200
4/24/2014 5:00	1012	1012	1200	1200
4/24/2014 6:00	1012	1012	1200	1200
4/24/2014 7:00	1012	1012	1200	1200
4/24/2014 8:00	1012	1012	1200	1200
4/24/2014 9:00	1012	1012	1200	1200
4/24/2014 10:00	1012	1012	1200	1200
4/24/2014 11:00	1012	1012	1200	1200
4/24/2014 12:00	1012	1012	1200	1200
4/24/2014 13:00	1012	1012	1200	1200
4/24/2014 14:00	1012	1012	1200	1200
4/24/2014 15:00	1012	1012	1200	1200
4/24/2014 16:00	1012	1012	1200	1200
4/24/2014 17:00	1012	1012	1200	1200
4/24/2014 18:00	1012	1012	1200	1200
4/24/2014 19:00	1012	1012	1200	1200
4/24/2014 20:00	1012	1012	1200	1200
4/24/2014 21:00	1012	1012	1200	1200
4/24/2014 22:00	1012	1012	1164	1200
4/24/2014 23:00	1012	1012	1162	1164
4/25/2014 0:00	1012	1012	1162	1163
4/25/2014 1:00	1012	1012	1162	1165
4/25/2014 2:00	1012	1012	1165	1170
4/25/2014 3:00	1012	1012	1170	1172
4/25/2014 4:00	1012	1012	1171	1172
4/25/2014 5:00	1012	1012	1171	1173
4/25/2014 6:00	1012	1012	1170	1171
4/25/2014 7:00	1012	1012	1170	1170
4/25/2014 8:00	1012	1012	1166	1170
4/25/2014 9:00	1012	1012	1160	1166
4/25/2014 10:00	1012	1012	1160	1161
4/25/2014 11:00	1012	1012	1160	1162
4/25/2014 12:00	1012	1012	1162	1163
4/25/2014 13:00	1012	1012	1162	1163
4/25/2014 14:00	1012	1012	1162	1164
4/25/2014 15:00	1012	1012	1163	1165
4/25/2014 16:00	1012	1012	1161	1163
4/25/2014 17:00	1012	1012	1160	1162
4/25/2014 18:00	1012	1012	1160	1200
4/25/2014 19:00	1012	1012	1200	1200
4/25/2014 20:00	1012	1012	1200	1200
4/25/2014 21:00	1012	1012	1200	1200
4/25/2014 22:00	1012	1012	1200	1200
4/25/2014 23:00	1012	1012	1200	1200
4/26/2014 0:00	1012	1013	1200	1200
4/26/2014 1:00	1013	1013	1200	1200
4/26/2014 2:00	1013	1013	1200	1200
4/26/2014 3:00	1013	1013	1200	1200
4/26/2014 4:00	1013	1013	1200	1200
4/26/2014 5:00	1013	1013	1187	1200
4/26/2014 6:00	1013	1013	1186	1187
4/26/2014 7:00	1013	1013	1186	1189
4/26/2014 8:00	1013	1013	1186	1189
4/26/2014 9:00	1013	1013	1186	1190
4/26/2014 10:00	1013	1013	1181	1190
4/26/2014 11:00	1013	1013	1181	1182
4/26/2014 12:00	1013	1013	1182	1183
4/26/2014 13:00	1013	1013	1179	1182

**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
4/26/2014 14:00	1013	1013	1178	1180
4/26/2014 15:00	1013	1013	1176	1178
4/26/2014 16:00	1013	1013	1175	1177
4/26/2014 17:00	1013	1013	1174	1175
4/26/2014 18:00	1013	1013	1175	1196
4/26/2014 19:00	1013	1013	1196	1198
4/26/2014 20:00	1013	1013	1198	1200
4/26/2014 21:00	1013	1013	1194	1200
4/26/2014 22:00	1013	1013	1190	1194
4/26/2014 23:00	1013	1013	1190	1200
4/27/2014 0:00	1013	1013	1200	1200
4/27/2014 1:00	1013	1013	1200	1200
4/27/2014 2:00	1013	1013	1197	1200
4/27/2014 3:00	1013	1013	1192	1197
4/27/2014 4:00	1013	1013	1191	1192
4/27/2014 5:00	1013	1013	1191	1192
4/27/2014 6:00	1012	1013	1190	1191
4/27/2014 7:00	1012	1012	1189	1194
4/27/2014 8:00	1012	1012	1194	1200
4/27/2014 9:00	1012	1012	1200	1200
4/27/2014 10:00	1011	1012	1200	1200
4/27/2014 11:00	1011	1011	1176	1200
4/27/2014 12:00	1011	1011	1172	1176
4/27/2014 13:00	1011	1011	1172	1173
4/27/2014 14:00	1011	1011	1172	1172
4/27/2014 15:00	1011	1011	1170	1172
4/27/2014 16:00	1011	1011	1170	1171
4/27/2014 17:00	1011	1011	1170	1200
4/27/2014 18:00	1011	1011	1200	1200
4/27/2014 19:00	1011	1011	1200	1200
4/27/2014 20:00	1011	1011	1200	1200
4/27/2014 21:00	1011	1011	1176	1200
4/27/2014 22:00	1011	1011	1173	1176
4/27/2014 23:00	1011	1011	1173	1200
4/28/2014 0:00	1011	1011	1200	1200
4/28/2014 1:00	1011	1011	1200	1200
4/28/2014 2:00	1011	1011	1176	1200
4/28/2014 3:00	1011	1011	1176	1200
4/28/2014 4:00	1011	1011	1200	1200
4/28/2014 5:00	1011	1011	1191	1200
4/28/2014 6:00	1011	1011	1174	1191
4/28/2014 7:00	1011	1011	1165	1174
4/28/2014 8:00	1011	1011	1163	1165
4/28/2014 9:00	1011	1012	1163	1164
4/28/2014 10:00	1012	1012	1163	1165
4/28/2014 11:00	1012	1013	1164	1165
4/28/2014 12:00	1013	1013	1163	1165
4/28/2014 13:00	1013	1014	1163	1165
4/28/2014 14:00	1014	1014	1163	1165
4/28/2014 15:00	1014	1014	1163	1166
4/28/2014 16:00	1014	1015	1165	1167
4/28/2014 17:00	1015	1015	1166	1167
4/28/2014 18:00	1015	1015	1167	1174
4/28/2014 19:00	1015	1015	1167	1171
4/28/2014 20:00	1015	1015	1168	1172
4/28/2014 21:00	1015	1015	1172	1200
4/28/2014 22:00	1015	1015	1198	1200
4/28/2014 23:00	1015	1015	1195	1198
4/29/2014 0:00	1015	1015	1195	1198
4/29/2014 1:00	1015	1015	1188	1198
4/29/2014 2:00	1015	1015	1189	1195
4/29/2014 3:00	1015	1015	1195	1195
4/29/2014 4:00	1015	1015	1189	1195
4/29/2014 5:00	1015	1015	1189	1192
4/29/2014 6:00	1015	1015	1189	1191
4/29/2014 7:00	1015	1015	1187	1191
4/29/2014 8:00	1015	1015	1187	1194
4/29/2014 9:00	1014	1015	1188	1194

**Xcel Energy**  
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**Monthly Heating Values Report**

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/29/2014 10:00	1014	1014	1185	1194
4/29/2014 11:00	1014	1014	1184	1185
4/29/2014 12:00	1013	1014	1183	1185
4/29/2014 13:00	1013	1013	1183	1188
4/29/2014 14:00	1013	1013	1179	1194
4/29/2014 15:00	1013	1013	1179	1192
4/29/2014 16:00	1013	1013	1185	1188
4/29/2014 17:00	1013	1013	1186	1190
4/29/2014 18:00	1013	1013	1189	1190
4/29/2014 19:00	1013	1013	1189	1193
4/29/2014 20:00	1013	1013	1186	1193
4/29/2014 21:00	1013	1013	1187	1193
4/29/2014 22:00	1013	1013	1187	1196
4/29/2014 23:00	1013	1013	1181	1200
4/30/2014 0:00	1013	1013	1181	1191
4/30/2014 1:00	1013	1013	1189	1194
4/30/2014 2:00	1013	1014	1188	1194
4/30/2014 3:00	1014	1014	1186	1196
4/30/2014 4:00	1014	1014	1186	1194
4/30/2014 5:00	1014	1014	1184	1192
4/30/2014 6:00	1014	1014	1176	1197
4/30/2014 7:00	1014	1014	1188	1197
4/30/2014 8:00	1014	1014	1186	1190
4/30/2014 9:00	1014	1015	1185	1190
4/30/2014 10:00	1015	1016	1184	1187
4/30/2014 11:00	1016	1016	1184	1184
4/30/2014 12:00	1016	1017	1166	1184
4/30/2014 13:00	1017	1018	1164	1169
4/30/2014 14:00	1018	1019	1160	1168
4/30/2014 15:00	1019	1019	1166	1170
4/30/2014 16:00	1019	1020	1166	1178
4/30/2014 17:00	1020	1020	1162	1178
4/30/2014 18:00	1020	1021	1162	1168
4/30/2014 19:00	1021	1021	1167	1176
4/30/2014 20:00	1021	1023	1165	1171
4/30/2014 21:00	1023	1024	1170	1176
4/30/2014 22:00	1024	1025	1163	1175
4/30/2014 23:00	1025	1025	1163	1178
	Min (Btu/cf)	Max (Btu/cf)	Min (Btu/cf)	Max (Btu/cf)
	1010	1027	1125	1200