

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
3/1/2015 10:00	1028	1028	1145	1148
3/1/2015 11:00	1028	1028	1145	1148
3/1/2015 12:00	1028	1028	1147	1148
3/1/2015 13:00	1028	1029	1147	1149
3/1/2015 14:00	1029	1029	1149	1149
3/1/2015 15:00	1029	1029	1149	1150
3/1/2015 16:00	1029	1030	1150	1151
3/1/2015 17:00	1030	1033	1151	1151
3/1/2015 18:00	1033	1034	1151	1153
3/1/2015 19:00	1034	1035	1152	1153
3/1/2015 20:00	1034	1035	1153	1153
3/1/2015 21:00	1032	1034	1153	1161
3/1/2015 22:00	1031	1032	1161	1163
3/1/2015 23:00	1031	1031	1156	1163
3/2/2015 0:00	1030	1031	1151	1156
3/2/2015 1:00	1030	1030	1151	1155
3/2/2015 2:00	1029	1030	1155	1157
3/2/2015 3:00	1028	1029	1154	1157
3/2/2015 4:00	1028	1028	1153	1154
3/2/2015 5:00	1028	1028	1149	1153
3/2/2015 6:00	1028	1029	1148	1149
3/2/2015 7:00	1029	1029	1147	1148
3/2/2015 8:00	1029	1029	1147	1151
3/2/2015 9:00	1029	1029	1149	1151
3/2/2015 10:00	1029	1029	1147	1150
3/2/2015 11:00	1029	1029	1144	1147
3/2/2015 12:00	1029	1029	1143	1144
3/2/2015 13:00	1029	1029	1143	1144
3/2/2015 14:00	1029	1029	1144	1151
3/2/2015 15:00	1029	1029	1151	1173
3/2/2015 16:00	1029	1029	1172	1173
3/2/2015 17:00	1029	1029	1167	1176
3/2/2015 18:00	1029	1029	1160	1167
3/2/2015 19:00	1029	1029	1165	1168
3/2/2015 20:00	1029	1029	1166	1168
3/2/2015 21:00	1029	1029	1165	1171
3/2/2015 22:00	1029	1029	1165	1173
3/2/2015 23:00	1029	1029	1167	1173
3/3/2015 0:00	1029	1029	1162	1167
3/3/2015 1:00	1029	1029	1161	1162
3/3/2015 2:00	1029	1029	1161	1161
3/3/2015 3:00	1029	1029	1161	1162
3/3/2015 4:00	1029	1029	1162	1163
3/3/2015 5:00	1029	1029	1161	1163
3/3/2015 6:00	1029	1029	1160	1161
3/3/2015 7:00	1029	1029	1159	1161
3/3/2015 8:00	1029	1029	1157	1159
3/3/2015 9:00	1029	1029	1157	1159
3/3/2015 10:00	1029	1029	1157	1159
3/3/2015 11:00	1029	1029	1156	1157
3/3/2015 12:00	1029	1029	1154	1156
3/3/2015 13:00	1029	1029	1154	1154
3/3/2015 14:00	1029	1029	1154	1155
3/3/2015 15:00	1029	1029	1151	1155
3/3/2015 16:00	1029	1029	1151	1153
3/3/2015 17:00	1029	1029	1150	1153
3/3/2015 18:00	1029	1029	1149	1150
3/3/2015 19:00	1029	1029	1149	1149
3/3/2015 20:00	1029	1029	1149	1151
3/3/2015 21:00	1029	1029	1151	1154
3/3/2015 22:00	1029	1029	1153	1156
3/3/2015 23:00	1029	1029	1152	1153
3/4/2015 0:00	1029	1029	1152	1153
3/4/2015 1:00	1029	1029	1150	1153
3/4/2015 2:00	1029	1029	1150	1150
3/4/2015 3:00	1029	1029	1150	1151
3/4/2015 4:00	1029	1029	1149	1150

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/4/2015 5:00	1029	1029	1149	1152
3/4/2015 6:00	1029	1029	1152	1152
3/4/2015 7:00	1029	1029	1149	1152
3/4/2015 8:00	1029	1029	1147	1149
3/4/2015 9:00	1029	1029	1146	1147
3/4/2015 10:00	1029	1029	1146	1147
3/4/2015 11:00	1029	1029	1147	1147
3/4/2015 12:00	1029	1031	1145	1148
3/4/2015 13:00	1031	1032	1139	1145
3/4/2015 14:00	1032	1032	1139	1141
3/4/2015 15:00	1032	1032	1141	1141
3/4/2015 16:00	1032	1032	1140	1144
3/4/2015 17:00	1032	1032	1137	1144
3/4/2015 18:00	1032	1032	1134	1138
3/4/2015 19:00	1032	1032	1131	1134
3/4/2015 20:00	1032	1032	1131	1133
3/4/2015 21:00	1032	1032	1133	1134
3/4/2015 22:00	1031	1032	1134	1139
3/4/2015 23:00	1030	1031	1138	1139
3/5/2015 0:00	1030	1030	1139	1144
3/5/2015 1:00	1030	1030	1135	1144
3/5/2015 2:00	1029	1030	1135	1137
3/5/2015 3:00	1029	1029	1137	1141
3/5/2015 4:00	1029	1029	1138	1141
3/5/2015 5:00	1029	1029	1138	1138
3/5/2015 6:00	1029	1030	1137	1138
3/5/2015 7:00	1029	1030	1137	1140
3/5/2015 8:00	1029	1029	1140	1143
3/5/2015 9:00	1029	1029	1139	1143
3/5/2015 10:00	1029	1029	1136	1139
3/5/2015 11:00	1029	1029	1133	1136
3/5/2015 12:00	1029	1029	1133	1134
3/5/2015 13:00	1029	1029	1134	1136
3/5/2015 14:00	1029	1029	1134	1138
3/5/2015 15:00	1029	1029	1132	1134
3/5/2015 16:00	1028	1029	1132	1133
3/5/2015 17:00	1028	1028	1132	1133
3/5/2015 18:00	1027	1028	1132	1133
3/5/2015 19:00	1026	1027	1132	1133
3/5/2015 20:00	1025	1026	1133	1136
3/5/2015 21:00	1024	1025	1136	1143
3/5/2015 22:00	1023	1024	1143	1147
3/5/2015 23:00	1023	1023	1147	1151
3/6/2015 0:00	1023	1023	1150	1151
3/6/2015 1:00	1023	1024	1150	1167
3/6/2015 2:00	1024	1024	1167	1173
3/6/2015 3:00	1024	1024	1130	1173
3/6/2015 4:00	1024	1024	1123	1130
3/6/2015 5:00	1024	1024	1120	1125
3/6/2015 6:00	1024	1024	1116	1120
3/6/2015 7:00	1024	1025	1117	1118
3/6/2015 8:00	1025	1025	1118	1138
3/6/2015 9:00	1024	1025	1138	1144
3/6/2015 10:00	1024	1024	1142	1144
3/6/2015 11:00	1024	1024	1142	1143
3/6/2015 12:00	1024	1024	1142	1148
3/6/2015 13:00	1024	1024	1148	1162
3/6/2015 14:00	1024	1024	1159	1162
3/6/2015 15:00	1024	1024	1159	1161
3/6/2015 16:00	1024	1024	1161	1166
3/6/2015 17:00	1024	1024	1166	1168
3/6/2015 18:00	1024	1024	1168	1171
3/6/2015 19:00	1024	1024	1171	1173
3/6/2015 20:00	1024	1024	1173	1176
3/6/2015 21:00	1024	1024	1176	1178
3/6/2015 22:00	1024	1024	1178	1182
3/6/2015 23:00	1024	1024	1178	1182
3/7/2015 0:00	1024	1024	1177	1180
3/7/2015 1:00	1024	1024	1178	1180
3/7/2015 2:00	1024	1024	1178	1179
3/7/2015 3:00	1024	1024	1174	1179
3/7/2015 4:00	1024	1024	1172	1174
3/7/2015 5:00	1024	1024	1169	1172
3/7/2015 6:00	1024	1024	1166	1169
3/7/2015 7:00	1024	1024	1166	1171

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/7/2015 8:00	1024	1024	1171	1174
3/7/2015 9:00	1023	1024	1173	1174
3/7/2015 10:00	1023	1023	1170	1173
3/7/2015 11:00	1023	1023	1164	1170
3/7/2015 12:00	1023	1023	1158	1164
3/7/2015 13:00	1023	1023	1157	1158
3/7/2015 14:00	1023	1023	1156	1157
3/7/2015 15:00	1023	1023	1157	1159
3/7/2015 16:00	1023	1023	1159	1161
3/7/2015 17:00	1023	1023	1161	1162
3/7/2015 18:00	1023	1024	1162	1165
3/7/2015 19:00	1024	1024	1165	1167
3/7/2015 20:00	1024	1024	1166	1168
3/7/2015 21:00	1024	1024	1166	1168
3/7/2015 22:00	1024	1024	1166	1168
3/7/2015 23:00	1024	1024	1167	1168
3/8/2015 0:00	1024	1024	1168	1169
3/8/2015 1:00	1024	1024	1169	1171
3/8/2015 3:00	1024	1024	1170	1171
3/8/2015 4:00	1024	1024	1168	1170
3/8/2015 5:00	1024	1024	1167	1168
3/8/2015 6:00	1024	1024	1167	1167
3/8/2015 7:00	1024	1024	1167	1170
3/8/2015 8:00	1024	1024	1169	1170
3/8/2015 9:00	1024	1024	1169	1170
3/8/2015 10:00	1024	1024	1169	1170
3/8/2015 11:00	1024	1024	1168	1169
3/8/2015 12:00	1023	1024	1169	1170
3/8/2015 13:00	1023	1024	1169	1170
3/8/2015 14:00	1024	1024	1163	1169
3/8/2015 15:00	1024	1024	1163	1166
3/8/2015 16:00	1024	1024	1166	1175
3/8/2015 17:00	1024	1024	1171	1174
3/8/2015 18:00	1024	1024	1171	1173
3/8/2015 19:00	1022	1024	1170	1173
3/8/2015 20:00	1021	1022	1169	1170
3/8/2015 21:00	1021	1021	1170	1171
3/8/2015 22:00	1021	1022	1171	1172
3/8/2015 23:00	1022	1022	1172	1177
3/9/2015 0:00	1022	1022	1176	1178
3/9/2015 1:00	1022	1022	1176	1178
3/9/2015 2:00	1022	1022	1176	1179
3/9/2015 3:00	1022	1022	1178	1179
3/9/2015 4:00	1022	1022	1178	1179
3/9/2015 5:00	1022	1022	1178	1180
3/9/2015 6:00	1022	1023	1177	1178
3/9/2015 7:00	1023	1023	1177	1178
3/9/2015 8:00	1023	1023	1177	1178
3/9/2015 9:00	1023	1023	1176	1177
3/9/2015 10:00	1023	1024	1174	1176
3/9/2015 11:00	1024	1024	1173	1174
3/9/2015 12:00	1023	1024	1174	1176
3/9/2015 13:00	1023	1023	1173	1176
3/9/2015 14:00	1023	1023	1173	1173
3/9/2015 15:00	1023	1023	1173	1174
3/9/2015 16:00	1023	1023	1174	1176
3/9/2015 17:00	1023	1024	1176	1178
3/9/2015 18:00	1024	1024	1178	1181
3/9/2015 19:00	1024	1024	1181	1182
3/9/2015 20:00	1023	1024	1182	1183
3/9/2015 21:00	1023	1023	1183	1183
3/9/2015 22:00	1023	1023	1183	1184
3/9/2015 23:00	1023	1023	1184	1187
3/10/2015 0:00	1023	1023	1184	1187
3/10/2015 1:00	1023	1023	1182	1184
3/10/2015 2:00	1022	1023	1180	1182
3/10/2015 3:00	1022	1023	1179	1180
3/10/2015 4:00	1023	1023	1178	1179
3/10/2015 5:00	1023	1023	1174	1178
3/10/2015 6:00	1023	1023	1173	1174
3/10/2015 7:00	1023	1023	1173	1174
3/10/2015 8:00	1023	1023	1173	1175
3/10/2015 9:00	1023	1023	1174	1175
3/10/2015 10:00	1023	1023	1174	1174
3/10/2015 11:00	1023	1023	1174	1174

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/10/2015 12:00	1023	1023	1173	1174
3/10/2015 13:00	1023	1023	1173	1174
3/10/2015 14:00	1023	1023	1174	1175
3/10/2015 15:00	1023	1024	1175	1182
3/10/2015 16:00	1024	1024	1176	1182
3/10/2015 17:00	1024	1024	1176	1178
3/10/2015 18:00	1024	1024	1178	1180
3/10/2015 19:00	1024	1024	1139	1180
3/10/2015 20:00	1023	1024	1150	1150
3/10/2015 21:00	1023	1023	1172	1181
3/10/2015 22:00	1023	1023	1175	1181
3/10/2015 23:00	1023	1023	1150	1150
3/11/2015 0:00	1023	1023	1150	1150
3/11/2015 1:00	1023	1024	1150	1150
3/11/2015 2:00	1024	1024	1150	1150
3/11/2015 3:00	1024	1024	1150	1150
3/11/2015 4:00	1024	1024	1150	1150
3/11/2015 5:00	1024	1024	1178	1178
3/11/2015 6:00	1024	1024	1150	1150
3/11/2015 7:00	1023	1024	1177	1177
3/11/2015 8:00	1023	1023	1150	1150
3/11/2015 9:00	1023	1023	1179	1180
3/11/2015 10:00	1023	1023	1179	1179
3/11/2015 11:00	1023	1023	1179	1181
3/11/2015 12:00	1023	1023	1180	1181
3/11/2015 13:00	1023	1024	1180	1180
3/11/2015 14:00	1024	1024	1180	1180
3/11/2015 15:00	1024	1027	1180	1181
3/11/2015 16:00	1027	1028	1179	1180
3/11/2015 17:00	1028	1028	1180	1181
3/11/2015 18:00	1028	1029	1181	1185
3/11/2015 19:00	1029	1029	1182	1185
3/11/2015 20:00	1029	1029	1179	1182
3/11/2015 21:00	1029	1029	1179	1182
3/11/2015 22:00	1029	1029	1181	1182
3/11/2015 23:00	1029	1029	1181	1182
3/12/2015 0:00	1029	1029	1180	1182
3/12/2015 1:00	1029	1029	1180	1181
3/12/2015 2:00	1029	1029	1181	1185
3/12/2015 3:00	1029	1029	1183	1185
3/12/2015 4:00	1029	1029	1182	1183
3/12/2015 5:00	1029	1029	1182	1183
3/12/2015 6:00	1029	1029	1183	1185
3/12/2015 7:00	1029	1029	1184	1185
3/12/2015 8:00	1029	1029	1182	1184
3/12/2015 9:00	1029	1029	1180	1182
3/12/2015 10:00	1029	1029	1178	1180
3/12/2015 11:00	1029	1029	1176	1178
3/12/2015 12:00	1029	1029	1176	1177
3/12/2015 13:00	1029	1029	1177	1188
3/12/2015 14:00	1029	1029	1188	1195
3/12/2015 15:00	1029	1030	1142	1192
3/12/2015 16:00	1030	1030	1138	1142
3/12/2015 17:00	1030	1030	1137	1140
3/12/2015 18:00	1030	1030	1137	1144
3/12/2015 19:00	1030	1030	1143	1147
3/12/2015 20:00	1030	1030	1147	1155
3/12/2015 21:00	1030	1030	1155	1160
3/12/2015 22:00	1030	1030	1160	1176
3/12/2015 23:00	1030	1030	1175	1182
3/13/2015 0:00	1030	1030	1182	1182
3/13/2015 1:00	1029	1030	1181	1182
3/13/2015 2:00	1025	1029	1180	1181
3/13/2015 3:00	1023	1025	1180	1181
3/13/2015 4:00	1022	1023	1180	1180
3/13/2015 5:00	1022	1022	1177	1180
3/13/2015 6:00	1022	1022	1176	1177
3/13/2015 7:00	1022	1022	1172	1176
3/13/2015 8:00	1022	1022	1169	1172
3/13/2015 9:00	1022	1022	1169	1178
3/13/2015 10:00	1022	1023	1178	1181
3/13/2015 11:00	1022	1023	1181	1192
3/13/2015 12:00	1022	1022	1192	1200
3/13/2015 13:00	1022	1022	1200	1200
3/13/2015 14:00	1022	1022	1190	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/13/2015 15:00	1022	1022	1179	1190
3/13/2015 16:00	1022	1022	1179	1181
3/13/2015 17:00	1022	1022	1178	1179
3/13/2015 18:00	1022	1022	1179	1183
3/13/2015 19:00	1022	1022	1182	1189
3/13/2015 20:00	1022	1022	1189	1194
3/13/2015 21:00	1022	1022	1194	1197
3/13/2015 22:00	1022	1022	1188	1194
3/13/2015 23:00	1022	1022	1188	1191
3/14/2015 0:00	1022	1023	1191	1191
3/14/2015 1:00	1023	1024	1189	1191
3/14/2015 2:00	1023	1024	1190	1200
3/14/2015 3:00	1023	1023	1200	1200
3/14/2015 4:00	1022	1023	1192	1200
3/14/2015 5:00	1022	1022	1190	1192
3/14/2015 6:00	1022	1022	1190	1191
3/14/2015 7:00	1022	1022	1189	1191
3/14/2015 8:00	1022	1022	1188	1189
3/14/2015 9:00	1022	1022	1186	1188
3/14/2015 10:00	1022	1022	1186	1187
3/14/2015 11:00	1022	1022	1186	1187
3/14/2015 12:00	1022	1022	1186	1186
3/14/2015 13:00	1022	1022	1186	1187
3/14/2015 14:00	1022	1022	1187	1188
3/14/2015 15:00	1022	1022	1187	1189
3/14/2015 16:00	1022	1022	1189	1190
3/14/2015 17:00	1022	1022	1189	1190
3/14/2015 18:00	1022	1022	1188	1189
3/14/2015 19:00	1022	1023	1188	1190
3/14/2015 20:00	1022	1023	1188	1189
3/14/2015 21:00	1022	1022	1184	1189
3/14/2015 22:00	1022	1022	1179	1184
3/14/2015 23:00	1022	1022	1165	1179
3/15/2015 0:00	1022	1022	1163	1181
3/15/2015 1:00	1022	1022	1181	1199
3/15/2015 2:00	1021	1022	1198	1199
3/15/2015 3:00	1021	1021	1198	1199
3/15/2015 4:00	1021	1021	1199	1200
3/15/2015 5:00	1021	1021	1176	1200
3/15/2015 6:00	1021	1021	1173	1176
3/15/2015 7:00	1021	1021	1173	1176
3/15/2015 8:00	1021	1021	1175	1176
3/15/2015 9:00	1021	1021	1176	1177
3/15/2015 10:00	1021	1021	1176	1178
3/15/2015 11:00	1021	1021	1176	1177
3/15/2015 12:00	1021	1021	1173	1177
3/15/2015 13:00	1021	1021	1171	1173
3/15/2015 14:00	1020	1021	1170	1171
3/15/2015 15:00	1020	1020	1170	1171
3/15/2015 16:00	1020	1020	1170	1172
3/15/2015 17:00	1020	1020	1172	1177
3/15/2015 18:00	1020	1020	1177	1182
3/15/2015 19:00	1020	1020	1182	1184
3/15/2015 20:00	1020	1020	1183	1184
3/15/2015 21:00	1020	1020	1182	1184
3/15/2015 22:00	1020	1021	1179	1182
3/15/2015 23:00	1021	1021	1179	1182
3/16/2015 0:00	1021	1021	1182	1183
3/16/2015 1:00	1021	1022	1183	1184
3/16/2015 2:00	1022	1022	1183	1184
3/16/2015 3:00	1022	1022	1183	1184
3/16/2015 4:00	1022	1022	1184	1185
3/16/2015 5:00	1021	1022	1185	1185
3/16/2015 6:00	1021	1021	1185	1185
3/16/2015 7:00	1021	1021	1184	1185
3/16/2015 8:00	1021	1021	1184	1185
3/16/2015 9:00	1021	1021	1184	1187
3/16/2015 10:00	1021	1021	1186	1187
3/16/2015 11:00	1021	1021	1186	1186
3/16/2015 12:00	1021	1021	1186	1186
3/16/2015 13:00	1020	1021	1184	1186
3/16/2015 14:00	1020	1020	1184	1185
3/16/2015 15:00	1020	1020	1183	1184
3/16/2015 16:00	1020	1021	1183	1189
3/16/2015 17:00	1021	1021	1184	1189

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
3/16/2015 18:00	1021	1021	1184	1185
3/16/2015 19:00	1021	1021	1184	1187
3/16/2015 20:00	1021	1021	1186	1187
3/16/2015 21:00	1021	1022	1186	1188
3/16/2015 22:00	1022	1022	1186	1189
3/16/2015 23:00	1022	1022	1183	1186
3/17/2015 0:00	1021	1022	1182	1183
3/17/2015 1:00	1021	1021	1181	1182
3/17/2015 2:00	1021	1021	1180	1181
3/17/2015 3:00	1020	1021	1180	1182
3/17/2015 4:00	1020	1020	1181	1182
3/17/2015 5:00	1020	1020	1181	1181
3/17/2015 6:00	1020	1020	1181	1183
3/17/2015 7:00	1020	1020	1183	1185
3/17/2015 8:00	1019	1020	1184	1185
3/17/2015 9:00	1019	1019	1184	1184
3/17/2015 10:00	1019	1019	1184	1184
3/17/2015 11:00	1019	1019	1182	1184
3/17/2015 12:00	1019	1019	1178	1182
3/17/2015 13:00	1019	1019	1175	1178
3/17/2015 14:00	1019	1019	1171	1175
3/17/2015 15:00	1019	1019	1169	1171
3/17/2015 16:00	1019	1020	1168	1169
3/17/2015 17:00	1020	1021	1168	1170
3/17/2015 18:00	1021	1022	1170	1171
3/17/2015 19:00	1022	1023	1169	1171
3/17/2015 20:00	1023	1024	1166	1169
3/17/2015 21:00	1024	1024	1166	1170
3/17/2015 22:00	1024	1025	1170	1172
3/17/2015 23:00	1025	1026	1172	1173
3/18/2015 0:00	1026	1026	1173	1174
3/18/2015 1:00	1026	1026	1174	1175
3/18/2015 2:00	1026	1027	1174	1175
3/18/2015 3:00	1027	1027	1173	1174
3/18/2015 4:00	1027	1027	1173	1173
3/18/2015 5:00	1027	1027	1172	1173
3/18/2015 6:00	1027	1027	1170	1172
3/18/2015 7:00	1027	1027	1167	1170
3/18/2015 8:00	1027	1027	1167	1167
3/18/2015 9:00	1027	1027	1166	1168
3/18/2015 10:00	1027	1027	1167	1168
3/18/2015 11:00	1027	1027	1165	1167
3/18/2015 12:00	1027	1027	1165	1166
3/18/2015 13:00	1027	1027	1163	1165
3/18/2015 14:00	1026	1027	1163	1163
3/18/2015 15:00	1025	1026	1163	1164
3/18/2015 16:00	1025	1026	1164	1169
3/18/2015 17:00	1026	1026	1162	1169
3/18/2015 18:00	1026	1026	1161	1163
3/18/2015 19:00	1026	1026	1161	1163
3/18/2015 20:00	1026	1026	1163	1165
3/18/2015 21:00	1026	1026	1165	1167
3/18/2015 22:00	1025	1026	1166	1170
3/18/2015 23:00	1025	1025	1170	1172
3/19/2015 0:00	1025	1025	1172	1175
3/19/2015 1:00	1025	1025	1174	1175
3/19/2015 2:00	1025	1025	1174	1175
3/19/2015 3:00	1025	1025	1175	1177
3/19/2015 4:00	1025	1025	1174	1175
3/19/2015 5:00	1025	1025	1174	1175
3/19/2015 6:00	1025	1025	1175	1176
3/19/2015 7:00	1025	1025	1176	1176
3/19/2015 8:00	1025	1025	1175	1176
3/19/2015 9:00	1025	1025	1174	1175
3/19/2015 10:00	1025	1025	1172	1174
3/19/2015 11:00	1025	1026	1172	1173
3/19/2015 12:00	1026	1026	1173	1174
3/19/2015 13:00	1026	1026	1171	1173
3/19/2015 14:00	1026	1026	1171	1173
3/19/2015 15:00	1026	1026	1173	1173
3/19/2015 16:00	1026	1026	1172	1173
3/19/2015 17:00	1026	1026	1172	1173
3/19/2015 18:00	1026	1026	1173	1173
3/19/2015 19:00	1026	1026	1173	1175
3/19/2015 20:00	1026	1026	1174	1175

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
3/19/2015 21:00	1026	1026	1174	1175
3/19/2015 22:00	1026	1026	1175	1177
3/19/2015 23:00	1026	1026	1176	1177
3/20/2015 0:00	1026	1026	1174	1176
3/20/2015 1:00	1025	1026	1171	1174
3/20/2015 2:00	1025	1025	1169	1171
3/20/2015 3:00	1025	1025	1167	1169
3/20/2015 4:00	1025	1025	1166	1167
3/20/2015 5:00	1025	1025	1166	1167
3/20/2015 6:00	1025	1026	1167	1167
3/20/2015 7:00	1026	1026	1167	1169
3/20/2015 8:00	1026	1026	1167	1169
3/20/2015 9:00	1026	1026	1164	1167
3/20/2015 10:00	1026	1026	1164	1168
3/20/2015 11:00	1026	1026	1168	1175
3/20/2015 12:00	1026	1026	1175	1177
3/20/2015 13:00	1026	1026	1175	1177
3/20/2015 14:00	1026	1026	1173	1175
3/20/2015 15:00	1026	1026	1166	1173
3/20/2015 16:00	1026	1026	1166	1168
3/20/2015 17:00	1026	1026	1167	1168
3/20/2015 18:00	1026	1026	1166	1167
3/20/2015 19:00	1026	1026	1161	1166
3/20/2015 20:00	1026	1026	1156	1161
3/20/2015 21:00	1026	1026	1130	1156
3/20/2015 22:00	1026	1026	1130	1164
3/20/2015 23:00	1026	1026	1164	1165
3/21/2015 0:00	1026	1026	1165	1166
3/21/2015 1:00	1026	1027	1166	1172
3/21/2015 2:00	1026	1027	1172	1178
3/21/2015 3:00	1026	1027	1175	1178
3/21/2015 4:00	1026	1027	1172	1176
3/21/2015 5:00	1026	1026	1172	1175
3/21/2015 6:00	1026	1026	1175	1179
3/21/2015 7:00	1026	1026	1179	1179
3/21/2015 8:00	1026	1026	1179	1180
3/21/2015 9:00	1026	1026	1147	1180
3/21/2015 10:00	1026	1026	1147	1168
3/21/2015 11:00	1026	1026	1168	1168
3/21/2015 12:00	1026	1026	1168	1171
3/21/2015 13:00	1026	1026	1169	1172
3/21/2015 14:00	1026	1026	1167	1169
3/21/2015 15:00	1026	1026	1167	1172
3/21/2015 16:00	1026	1026	1167	1174
3/21/2015 17:00	1026	1026	1164	1167
3/21/2015 18:00	1026	1026	1164	1164
3/21/2015 19:00	1026	1026	1164	1165
3/21/2015 20:00	1026	1026	1164	1165
3/21/2015 21:00	1025	1026	1163	1164
3/21/2015 22:00	1025	1025	1163	1165
3/21/2015 23:00	1025	1025	1165	1166
3/22/2015 0:00	1025	1026	1166	1173
3/22/2015 1:00	1026	1026	1172	1180
3/22/2015 2:00	1026	1026	1174	1180
3/22/2015 3:00	1026	1026	1168	1175
3/22/2015 4:00	1026	1026	1163	1168
3/22/2015 5:00	1026	1026	1162	1163
3/22/2015 6:00	1026	1026	1161	1162
3/22/2015 7:00	1026	1026	1161	1162
3/22/2015 8:00	1026	1026	1162	1163
3/22/2015 9:00	1026	1026	1162	1164
3/22/2015 10:00	1026	1026	1159	1162
3/22/2015 11:00	1026	1026	1159	1161
3/22/2015 12:00	1026	1026	1161	1165
3/22/2015 13:00	1026	1026	1160	1162
3/22/2015 14:00	1026	1026	1158	1160
3/22/2015 15:00	1025	1026	1157	1158
3/22/2015 16:00	1025	1025	1156	1157
3/22/2015 17:00	1025	1025	1156	1162
3/22/2015 18:00	1025	1025	1161	1164
3/22/2015 19:00	1025	1025	1163	1164
3/22/2015 20:00	1025	1026	1163	1165
3/22/2015 21:00	1026	1026	1165	1169
3/22/2015 22:00	1026	1026	1168	1169
3/22/2015 23:00	1026	1027	1166	1168

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/23/2015 0:00	1027	1027	1166	1166
3/23/2015 1:00	1027	1027	1166	1167
3/23/2015 2:00	1026	1027	1167	1168
3/23/2015 3:00	1026	1026	1166	1169
3/23/2015 4:00	1026	1026	1169	1169
3/23/2015 5:00	1026	1026	1168	1169
3/23/2015 6:00	1026	1026	1169	1170
3/23/2015 7:00	1025	1026	1169	1171
3/23/2015 8:00	1025	1025	1171	1172
3/23/2015 9:00	1025	1025	1172	1172
3/23/2015 10:00	1025	1025	1169	1172
3/23/2015 11:00	1025	1025	1167	1169
3/23/2015 12:00	1025	1025	1164	1167
3/23/2015 13:00	1025	1025	1162	1164
3/23/2015 14:00	1025	1025	1161	1163
3/23/2015 15:00	1025	1025	1161	1163
3/23/2015 16:00	1025	1025	1161	1161
3/23/2015 17:00	1025	1025	1161	1161
3/23/2015 18:00	1025	1025	1158	1161
3/23/2015 19:00	1025	1026	1158	1163
3/23/2015 20:00	1026	1026	1161	1163
3/23/2015 21:00	1026	1027	1161	1161
3/23/2015 22:00	1027	1029	1160	1161
3/23/2015 23:00	1029	1030	1161	1164
3/24/2015 0:00	1030	1031	1164	1169
3/24/2015 1:00	1031	1032	1169	1173
3/24/2015 2:00	1032	1032	1173	1174
3/24/2015 3:00	1032	1033	1174	1174
3/24/2015 4:00	1033	1033	1174	1175
3/24/2015 5:00	1033	1033	1175	1176
3/24/2015 6:00	1032	1033	1175	1176
3/24/2015 7:00	1032	1032	1175	1176
3/24/2015 8:00	1032	1032	1175	1176
3/24/2015 9:00	1031	1032	1175	1176
3/24/2015 10:00	1030	1031	1173	1176
3/24/2015 11:00	1029	1030	1171	1173
3/24/2015 12:00	1028	1029	1171	1172
3/24/2015 13:00	1028	1028	1170	1172
3/24/2015 14:00	1027	1028	1163	1170
3/24/2015 15:00	1027	1027	1163	1166
3/24/2015 16:00	1026	1027	1166	1169
3/24/2015 17:00	1026	1026	1168	1169
3/24/2015 18:00	1026	1026	1168	1169
3/24/2015 19:00	1026	1026	1168	1169
3/24/2015 20:00	1026	1026	1168	1169
3/24/2015 21:00	1026	1026	1168	1168
3/24/2015 22:00	1026	1026	1168	1173
3/24/2015 23:00	1026	1026	1173	1174
3/25/2015 0:00	1026	1026	1174	1174
3/25/2015 1:00	1026	1026	1174	1176
3/25/2015 2:00	1026	1026	1176	1176
3/25/2015 3:00	1026	1026	1176	1176
3/25/2015 4:00	1026	1026	1175	1176
3/25/2015 5:00	1026	1026	1175	1176
3/25/2015 6:00	1026	1026	1172	1175
3/25/2015 7:00	1026	1026	1171	1172
3/25/2015 8:00	1026	1026	1172	1175
3/25/2015 9:00	1026	1026	1173	1175
3/25/2015 10:00	1026	1026	1170	1173
3/25/2015 11:00	1025	1026	1168	1170
3/25/2015 12:00	1025	1025	1167	1168
3/25/2015 13:00	1025	1025	1166	1167
3/25/2015 14:00	1024	1025	1164	1166
3/25/2015 15:00	1024	1024	1164	1166
3/25/2015 16:00	1024	1024	1164	1166
3/25/2015 17:00	1024	1024	1166	1171
3/25/2015 18:00	1024	1024	1167	1171
3/25/2015 19:00	1024	1024	1167	1170
3/25/2015 20:00	1024	1025	1170	1171
3/25/2015 21:00	1025	1025	1169	1171
3/25/2015 22:00	1025	1025	1165	1169
3/25/2015 23:00	1025	1025	1165	1166
3/26/2015 0:00	1025	1025	1166	1167
3/26/2015 1:00	1025	1025	1167	1168
3/26/2015 2:00	1025	1026	1167	1167

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/26/2015 3:00	1026	1026	1166	1167
3/26/2015 4:00	1026	1026	1166	1167
3/26/2015 5:00	1026	1026	1167	1168
3/26/2015 6:00	1025	1026	1167	1168
3/26/2015 7:00	1025	1025	1167	1168
3/26/2015 8:00	1025	1025	1167	1167
3/26/2015 9:00	1025	1025	1165	1167
3/26/2015 10:00	1025	1025	1154	1165
3/26/2015 11:00	1025	1026	1142	1155
3/26/2015 12:00	1026	1026	1142	1154
3/26/2015 13:00	1025	1026	1154	1159
3/26/2015 14:00	1025	1026	1159	1161
3/26/2015 15:00	1026	1026	1157	1161
3/26/2015 16:00	1026	1026	1157	1159
3/26/2015 17:00	1026	1026	1159	1165
3/26/2015 18:00	1026	1026	1165	1169
3/26/2015 19:00	1026	1026	1168	1171
3/26/2015 20:00	1026	1026	1169	1171
3/26/2015 21:00	1026	1026	1167	1171
3/26/2015 22:00	1026	1026	1167	1168
3/26/2015 23:00	1025	1026	1168	1170
3/27/2015 0:00	1025	1025	1170	1171
3/27/2015 1:00	1025	1025	1171	1171
3/27/2015 2:00	1025	1025	1171	1175
3/27/2015 3:00	1025	1025	1174	1176
3/27/2015 4:00	1025	1026	1171	1175
3/27/2015 5:00	1026	1026	1166	1171
3/27/2015 6:00	1026	1026	1165	1168
3/27/2015 7:00	1026	1026	1168	1172
3/27/2015 8:00	1026	1026	1167	1171
3/27/2015 9:00	1026	1026	1165	1167
3/27/2015 10:00	1026	1026	1162	1165
3/27/2015 11:00	1026	1026	1160	1162
3/27/2015 12:00	1026	1026	1160	1163
3/27/2015 13:00	1026	1026	1160	1163
3/27/2015 14:00	1026	1027	1160	1161
3/27/2015 15:00	1027	1027	1160	1161
3/27/2015 16:00	1026	1027	1160	1161
3/27/2015 17:00	1026	1026	1161	1163
3/27/2015 18:00	1026	1026	1162	1163
3/27/2015 19:00	1026	1026	1161	1163
3/27/2015 20:00	1026	1026	1162	1172
3/27/2015 21:00	1026	1026	1172	1176
3/27/2015 22:00	1026	1026	1175	1176
3/27/2015 23:00	1026	1027	1175	1175
3/28/2015 0:00	1027	1027	1174	1175
3/28/2015 1:00	1027	1027	1174	1174
3/28/2015 2:00	1027	1027	1174	1176
3/28/2015 3:00	1027	1027	1174	1175
3/28/2015 4:00	1027	1027	1174	1175
3/28/2015 5:00	1027	1027	1174	1175
3/28/2015 6:00	1027	1027	1173	1174
3/28/2015 7:00	1027	1027	1173	1174
3/28/2015 8:00	1027	1027	1173	1174
3/28/2015 9:00	1027	1027	1168	1173
3/28/2015 10:00	1027	1027	1163	1168
3/28/2015 11:00	1027	1027	1162	1163
3/28/2015 12:00	1027	1027	1161	1163
3/28/2015 13:00	1027	1028	1157	1163
3/28/2015 14:00	1028	1028	1155	1157
3/28/2015 15:00	1028	1028	1155	1157
3/28/2015 16:00	1028	1028	1157	1163
3/28/2015 17:00	1028	1028	1163	1167
3/28/2015 18:00	1028	1028	1166	1168
3/28/2015 19:00	1027	1028	1168	1170
3/28/2015 20:00	1027	1027	1170	1171
3/28/2015 21:00	1027	1027	1166	1171
3/28/2015 22:00	1027	1027	1165	1166
3/28/2015 23:00	1027	1027	1166	1174
3/29/2015 0:00	1027	1027	1174	1174
3/29/2015 1:00	1027	1027	1174	1175
3/29/2015 2:00	1027	1027	1174	1175
3/29/2015 3:00	1027	1027	1174	1175
3/29/2015 4:00	1027	1027	1174	1175
3/29/2015 5:00	1027	1027	1174	1175

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/29/2015 6:00	1027	1028	1174	1177
3/29/2015 7:00	1028	1028	1176	1177
3/29/2015 8:00	1028	1028	1174	1177
3/29/2015 9:00	1028	1028	1164	1174
3/29/2015 10:00	1028	1028	1159	1165
3/29/2015 11:00	1028	1028	1159	1165
3/29/2015 12:00	1028	1028	1163	1166
3/29/2015 13:00	1028	1028	1161	1163
3/29/2015 14:00	1028	1028	1156	1161
3/29/2015 15:00	1027	1028	1156	1159
3/29/2015 16:00	1027	1027	1159	1162
3/29/2015 17:00	1027	1027	1161	1165
3/29/2015 18:00	1027	1027	1165	1171
3/29/2015 19:00	1027	1027	1171	1172
3/29/2015 20:00	1027	1027	1171	1172
3/29/2015 21:00	1027	1027	1171	1171
3/29/2015 22:00	1027	1027	1171	1171
3/29/2015 23:00	1027	1027	1171	1177
3/30/2015 0:00	1027	1027	1177	1179
3/30/2015 1:00	1027	1027	1178	1181
3/30/2015 2:00	1027	1027	1181	1182
3/30/2015 3:00	1027	1027	1181	1183
3/30/2015 4:00	1027	1027	1182	1183
3/30/2015 5:00	1026	1027	1183	1184
3/30/2015 6:00	1026	1026	1183	1184
3/30/2015 7:00	1026	1026	1181	1183
3/30/2015 8:00	1026	1026	1180	1181
3/30/2015 9:00	1026	1026	1178	1180
3/30/2015 10:00	1026	1026	1176	1181
3/30/2015 11:00	1026	1026	1178	1181
3/30/2015 12:00	1026	1026	1179	1181
3/30/2015 13:00	1026	1026	1170	1179
3/30/2015 14:00	1026	1026	1169	1170
3/30/2015 15:00	1026	1026	1169	1170
3/30/2015 16:00	1026	1026	1169	1170
3/30/2015 17:00	1026	1026	1170	1171
3/30/2015 18:00	1026	1026	1171	1173
3/30/2015 19:00	1025	1026	1173	1175
3/30/2015 20:00	1025	1025	1175	1177
3/30/2015 21:00	1024	1025	1176	1177
3/30/2015 22:00	1024	1024	1176	1178
3/30/2015 23:00	1023	1024	1177	1178
3/31/2015 0:00	1023	1023	1177	1177
3/31/2015 1:00	1023	1023	1177	1180
3/31/2015 2:00	1023	1023	1180	1184
3/31/2015 3:00	1023	1023	1182	1183
3/31/2015 4:00	1023	1023	1182	1183
3/31/2015 5:00	1023	1023	1180	1183
3/31/2015 6:00	1023	1023	1177	1180
3/31/2015 7:00	1023	1023	1175	1178
3/31/2015 8:00	1023	1023	1170	1175
3/31/2015 9:00	1023	1023	1167	1171
3/31/2015 10:00	1023	1023	1165	1167
3/31/2015 11:00	1023	1023	1165	1166
3/31/2015 12:00	1023	1023	1165	1167
3/31/2015 13:00	1023	1023	1166	1167
3/31/2015 14:00	1022	1023	1164	1166
3/31/2015 15:00	1022	1022	1164	1164
3/31/2015 16:00	1022	1022	1164	1164
3/31/2015 17:00	1021	1022	1164	1168
3/31/2015 18:00	1021	1021	1168	1168
3/31/2015 19:00	1021	1021	1168	1174
3/31/2015 20:00	1021	1021	1174	1179
3/31/2015 21:00	1021	1021	1179	1181
3/31/2015 22:00	1020	1021	1181	1183
3/31/2015 23:00	1020	1020	1181	1182
	Min (Btu/cf)	Max (Btu/cf)	Min (Btu/cf)	Max (Btu/cf)
	1019	1035	1116	1200