



825 Rice Street
Saint Paul, MN 55117

April 18, 2018

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 March 2018 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,

A handwritten signature in black ink, appearing to read 'Jeff Murray', with a long, horizontal flourish extending to the right.

Jeff Murray
Manager 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
3/1/2018 0:00	1035	1035	1177	1181
3/1/2018 1:00	1035	1035	1181	1184
3/1/2018 2:00	1035	1035	1182	1185
3/1/2018 3:00	1035	1035	1182	1184
3/1/2018 4:00	1035	1035	1184	1185
3/1/2018 5:00	1035	1035	1184	1186
3/1/2018 6:00	1035	1035	1186	1188
3/1/2018 7:00	1035	1035	1187	1189
3/1/2018 8:00	1035	1035	1188	1190
3/1/2018 9:00	1035	1035	1190	1191
3/1/2018 10:00	1035	1035	1191	1191
3/1/2018 11:00	1035	1035	1190	1191
3/1/2018 12:00	1035	1035	1188	1191
3/1/2018 13:00	1035	1035	1188	1192
3/1/2018 14:00	1035	1035	1191	1192
3/1/2018 15:00	1035	1035	1192	1193
3/1/2018 16:00	1035	1035	1193	1195
3/1/2018 17:00	1035	1035	1194	1196
3/1/2018 18:00	1035	1035	1192	1194
3/1/2018 19:00	1035	1036	1188	1192
3/1/2018 20:00	1036	1036	1188	1188
3/1/2018 21:00	1035	1036	1188	1191
3/1/2018 22:00	1035	1035	1187	1189
3/1/2018 23:00	1035	1035	1184	1187
3/2/2018 0:00	1035	1035	1182	1184
3/2/2018 1:00	1035	1035	1182	1183
3/2/2018 2:00	1035	1035	1183	1184
3/2/2018 3:00	1035	1035	1184	1185
3/2/2018 4:00	1035	1035	1184	1186
3/2/2018 5:00	1035	1035	1186	1189
3/2/2018 6:00	1035	1035	1189	1190
3/2/2018 7:00	1034	1035	1190	1190
3/2/2018 8:00	1034	1034	1190	1190
3/2/2018 9:00	1034	1034	1190	1191
3/2/2018 10:00	1034	1034	1189	1191
3/2/2018 11:00	1034	1035	1190	1191
3/2/2018 12:00	1035	1035	1187	1191
3/2/2018 13:00	1034	1035	1187	1190
3/2/2018 14:00	1034	1034	1189	1190
3/2/2018 15:00	1034	1034	1188	1189
3/2/2018 16:00	1034	1035	1187	1188
3/2/2018 17:00	1035	1035	1185	1188
3/2/2018 18:00	1034	1035	1185	1186
3/2/2018 19:00	1034	1034	1185	1186
3/2/2018 20:00	1034	1034	1186	1187
3/2/2018 21:00	1034	1034	1186	1187
3/2/2018 22:00	1034	1034	1184	1186
3/2/2018 23:00	1034	1034	1183	1184
3/3/2018 0:00	1034	1034	1183	1183
3/3/2018 1:00	1034	1034	1180	1183
3/3/2018 2:00	1034	1035	1180	1183
3/3/2018 3:00	1034	1035	1183	1184
3/3/2018 4:00	1033	1034	1184	1185
3/3/2018 5:00	1032	1033	1184	1185
3/3/2018 6:00	1031	1032	1185	1185
3/3/2018 7:00	1031	1031	1185	1186
3/3/2018 8:00	1031	1031	1186	1186
3/3/2018 9:00	1031	1031	1185	1186
3/3/2018 10:00	1031	1031	1185	1185
3/3/2018 11:00	1031	1031	1185	1185
3/3/2018 12:00	1031	1031	1185	1186
3/3/2018 13:00	1031	1031	1186	1186
3/3/2018 14:00	1031	1031	1186	1186
3/3/2018 15:00	1031	1031	1185	1186
3/3/2018 16:00	1030	1031	1185	1186
3/3/2018 17:00	1030	1030	1186	1187
3/3/2018 18:00	1030	1030	1187	1187

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/3/2018 19:00	1030	1030	1187	1188
3/3/2018 20:00	1030	1030	1187	1188
3/3/2018 21:00	1030	1030	1187	1189
3/3/2018 22:00	1030	1030	1186	1187
3/3/2018 23:00	1030	1030	1186	1187
3/4/2018 0:00	1030	1030	1185	1186
3/4/2018 1:00	1030	1030	1185	1186
3/4/2018 2:00	1030	1030	1185	1186
3/4/2018 3:00	1030	1030	1185	1186
3/4/2018 4:00	1030	1030	1184	1185
3/4/2018 5:00	1030	1030	1184	1185
3/4/2018 6:00	1030	1030	1185	1185
3/4/2018 7:00	1030	1030	1185	1187
3/4/2018 8:00	1030	1030	1187	1188
3/4/2018 9:00	1030	1030	1185	1188
3/4/2018 10:00	1030	1030	1185	1186
3/4/2018 11:00	1030	1030	1186	1187
3/4/2018 12:00	1030	1030	1186	1188
3/4/2018 13:00	1030	1031	1187	1188
3/4/2018 14:00	1031	1034	1187	1187
3/4/2018 15:00	1034	1034	1186	1187
3/4/2018 16:00	1034	1034	1185	1186
3/4/2018 17:00	1034	1034	1185	1186
3/4/2018 18:00	1034	1034	1185	1186
3/4/2018 19:00	1032	1034	1185	1186
3/4/2018 20:00	1032	1033	1185	1186
3/4/2018 21:00	1033	1033	1184	1186
3/4/2018 22:00	1033	1033	1183	1184
3/4/2018 23:00	1033	1033	1183	1184
3/5/2018 0:00	1033	1033	1184	1187
3/5/2018 1:00	1033	1033	1187	1187
3/5/2018 2:00	1032	1033	1185	1187
3/5/2018 3:00	1032	1032	1183	1185
3/5/2018 4:00	1032	1032	1185	1186
3/5/2018 5:00	1032	1032	1185	1186
3/5/2018 6:00	1032	1032	1185	1187
3/5/2018 7:00	1032	1032	1187	1188
3/5/2018 8:00	1032	1032	1187	1188
3/5/2018 9:00	1032	1032	1185	1187
3/5/2018 10:00	1032	1033	1180	1185
3/5/2018 11:00	1033	1033	1180	1182
3/5/2018 12:00	1033	1033	1181	1182
3/5/2018 13:00	1033	1033	1177	1182
3/5/2018 14:00	1033	1033	1176	1178
3/5/2018 15:00	1033	1033	1176	1177
3/5/2018 16:00	1033	1033	1176	1177
3/5/2018 17:00	1033	1033	1176	1178
3/5/2018 18:00	1033	1033	1176	1178
3/5/2018 19:00	1033	1033	1176	1177
3/5/2018 20:00	1032	1033	1177	1179
3/5/2018 21:00	1032	1032	1179	1181
3/5/2018 22:00	1032	1032	1180	1181
3/5/2018 23:00	1032	1032	1181	1183
3/6/2018 0:00	1032	1032	1179	1183
3/6/2018 1:00	1032	1032	1180	1180
3/6/2018 2:00	1032	1032	1179	1180
3/6/2018 3:00	1032	1032	1180	1182
3/6/2018 4:00	1032	1032	1180	1180
3/6/2018 5:00	1032	1032	1180	1182
3/6/2018 6:00	1032	1032	1182	1184
3/6/2018 7:00	1032	1032	1184	1185
3/6/2018 8:00	1032	1032	1183	1185
3/6/2018 9:00	1032	1032	1182	1184
3/6/2018 10:00	1032	1032	1182	1183
3/6/2018 11:00	1032	1032	1183	1184
3/6/2018 12:00	1032	1032	1183	1184
3/6/2018 13:00	1032	1032	1183	1184
3/6/2018 14:00	1032	1032	1183	1183
3/6/2018 15:00	1032	1032	1181	1183
3/6/2018 16:00	1032	1032	1181	1181
3/6/2018 17:00	1032	1032	1181	1181
3/6/2018 18:00	1032	1032	1181	1183
3/6/2018 19:00	1032	1032	1182	1182
3/6/2018 20:00	1032	1032	1182	1183
3/6/2018 21:00	1032	1032	1180	1183

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
3/6/2018 22:00	1032	1032	1177	1180
3/6/2018 23:00	1032	1032	1175	1177
3/7/2018 0:00	1032	1032	1175	1176
3/7/2018 1:00	1032	1032	1173	1175
3/7/2018 2:00	1032	1032	1173	1174
3/7/2018 3:00	1032	1032	1170	1174
3/7/2018 4:00	1032	1032	1170	1172
3/7/2018 5:00	1032	1032	1172	1173
3/7/2018 6:00	1032	1032	1173	1175
3/7/2018 7:00	1032	1032	1175	1175
3/7/2018 8:00	1032	1032	1175	1175
3/7/2018 9:00	1032	1032	1175	1176
3/7/2018 10:00	1032	1032	1175	1177
3/7/2018 11:00	1032	1032	1173	1178
3/7/2018 12:00	1032	1032	1173	1174
3/7/2018 13:00	1032	1032	1172	1174
3/7/2018 14:00	1032	1032	1172	1173
3/7/2018 15:00	1032	1032	1171	1173
3/7/2018 16:00	1032	1032	1171	1172
3/7/2018 17:00	1032	1032	1172	1174
3/7/2018 18:00	1032	1032	1173	1174
3/7/2018 19:00	1032	1032	1173	1175
3/7/2018 20:00	1032	1032	1173	1175
3/7/2018 21:00	1032	1032	1173	1174
3/7/2018 22:00	1032	1032	1169	1173
3/7/2018 23:00	1032	1032	1166	1169
3/8/2018 0:00	1032	1032	1165	1166
3/8/2018 1:00	1032	1032	1159	1165
3/8/2018 2:00	1032	1032	1162	1166
3/8/2018 3:00	1032	1032	1166	1167
3/8/2018 4:00	1031	1032	1166	1167
3/8/2018 5:00	1031	1031	1166	1168
3/8/2018 6:00	1031	1032	1168	1170
3/8/2018 7:00	1032	1032	1170	1170
3/8/2018 8:00	1032	1032	1170	1172
3/8/2018 9:00	1032	1032	1172	1173
3/8/2018 10:00	1032	1032	1173	1174
3/8/2018 11:00	1032	1032	1172	1174
3/8/2018 12:00	1032	1032	1174	1174
3/8/2018 13:00	1032	1032	1174	1174
3/8/2018 14:00	1032	1032	1174	1174
3/8/2018 15:00	1032	1032	1173	1174
3/8/2018 16:00	1032	1032	1172	1173
3/8/2018 17:00	1032	1032	1171	1172
3/8/2018 18:00	1032	1032	1170	1171
3/8/2018 19:00	1032	1032	1170	1171
3/8/2018 20:00	1032	1032	1170	1171
3/8/2018 21:00	1032	1032	1170	1171
3/8/2018 22:00	1032	1032	1168	1171
3/8/2018 23:00	1032	1032	1164	1168
3/9/2018 0:00	1032	1032	1163	1164
3/9/2018 1:00	1032	1032	1163	1164
3/9/2018 2:00	1032	1032	1164	1164
3/9/2018 3:00	1032	1032	1163	1165
3/9/2018 4:00	1032	1032	1163	1165
3/9/2018 5:00	1032	1032	1165	1165
3/9/2018 6:00	1032	1032	1165	1167
3/9/2018 7:00	1032	1032	1167	1169
3/9/2018 8:00	1032	1032	1169	1171
3/9/2018 9:00	1032	1033	1171	1172
3/9/2018 10:00	1033	1033	1171	1172
3/9/2018 11:00	1033	1033	1171	1171
3/9/2018 12:00	1033	1033	1170	1171
3/9/2018 13:00	1033	1033	1169	1171
3/9/2018 14:00	1033	1033	1169	1171
3/9/2018 15:00	1032	1033	1170	1171
3/9/2018 16:00	1032	1032	1170	1171
3/9/2018 17:00	1032	1032	1170	1171
3/9/2018 18:00	1032	1032	1171	1171
3/9/2018 19:00	1032	1032	1171	1171
3/9/2018 20:00	1032	1032	1171	1171
3/9/2018 21:00	1032	1032	1171	1174
3/9/2018 22:00	1032	1032	1171	1171
3/9/2018 23:00	1032	1032	1169	1171
3/10/2018 0:00	1032	1033	1167	1169

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
3/10/2018 1:00	1033	1033	1167	1168
3/10/2018 2:00	1033	1033	1167	1169
3/10/2018 3:00	1033	1033	1169	1173
3/10/2018 4:00	1033	1033	1173	1175
3/10/2018 5:00	1033	1033	1174	1175
3/10/2018 6:00	1033	1033	1175	1177
3/10/2018 7:00	1033	1033	1176	1177
3/10/2018 8:00	1033	1033	1177	1180
3/10/2018 9:00	1033	1033	1178	1180
3/10/2018 10:00	1032	1033	1178	1178
3/10/2018 11:00	1031	1032	1178	1180
3/10/2018 12:00	1031	1031	1178	1179
3/10/2018 13:00	1031	1031	1178	1178
3/10/2018 14:00	1031	1031	1178	1178
3/10/2018 15:00	1031	1031	1178	1178
3/10/2018 16:00	1031	1031	1177	1178
3/10/2018 17:00	1031	1032	1178	1180
3/10/2018 18:00	1032	1032	1180	1180
3/10/2018 19:00	1032	1032	1178	1180
3/10/2018 20:00	1032	1032	1179	1181
3/10/2018 21:00	1032	1032	1181	1181
3/10/2018 22:00	1032	1032	1181	1182
3/10/2018 23:00	1032	1032	1182	1182
3/11/2018 0:00	1032	1032	1182	1184
3/11/2018 1:00	1031	1032	1183	1184
3/11/2018 3:00	1031	1031	1182	1184
3/11/2018 4:00	1030	1031	1181	1182
3/11/2018 5:00	1030	1030	1181	1182
3/11/2018 6:00	1030	1032	1181	1182
3/11/2018 7:00	1032	1032	1181	1182
3/11/2018 8:00	1032	1033	1181	1182
3/11/2018 9:00	1033	1033	1182	1183
3/11/2018 10:00	1033	1033	1183	1183
3/11/2018 11:00	1033	1033	1182	1183
3/11/2018 12:00	1033	1033	1183	1184
3/11/2018 13:00	1033	1033	1184	1184
3/11/2018 14:00	1032	1033	1183	1184
3/11/2018 15:00	1032	1032	1182	1183
3/11/2018 16:00	1032	1032	1182	1183
3/11/2018 17:00	1031	1032	1183	1184
3/11/2018 18:00	1031	1031	1183	1184
3/11/2018 19:00	1031	1031	1182	1183
3/11/2018 20:00	1031	1031	1183	1183
3/11/2018 21:00	1031	1031	1183	1184
3/11/2018 22:00	1031	1031	1184	1185
3/11/2018 23:00	1031	1031	1182	1184
3/12/2018 0:00	1031	1031	1181	1182
3/12/2018 1:00	1030	1031	1179	1181
3/12/2018 2:00	1030	1030	1179	1180
3/12/2018 3:00	1030	1030	1180	1182
3/12/2018 4:00	1030	1030	1182	1183
3/12/2018 5:00	1030	1030	1181	1182
3/12/2018 6:00	1030	1030	1181	1182
3/12/2018 7:00	1030	1030	1182	1184
3/12/2018 8:00	1030	1030	1184	1186
3/12/2018 9:00	1030	1030	1186	1187
3/12/2018 10:00	1030	1030	1187	1188
3/12/2018 11:00	1030	1030	1187	1188
3/12/2018 12:00	1030	1031	1187	1188
3/12/2018 13:00	1031	1031	1187	1188
3/12/2018 14:00	1031	1031	1187	1188
3/12/2018 15:00	1030	1031	1187	1190
3/12/2018 16:00	1030	1030	1190	1192
3/12/2018 17:00	1030	1030	1190	1192
3/12/2018 18:00	1030	1030	1189	1190
3/12/2018 19:00	1030	1030	1189	1190
3/12/2018 20:00	1030	1031	1187	1190
3/12/2018 21:00	1031	1031	1188	1190
3/12/2018 22:00	1031	1031	1187	1190
3/12/2018 23:00	1031	1031	1185	1187
3/13/2018 0:00	1031	1032	1182	1185
3/13/2018 1:00	1031	1032	1182	1184
3/13/2018 2:00	1031	1031	1184	1185
3/13/2018 3:00	1031	1031	1183	1184
3/13/2018 4:00	1031	1031	1183	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
3/13/2018 5:00	1031	1031	1190	1195
3/13/2018 6:00	1031	1032	1195	1200
3/13/2018 7:00	1032	1032	1200	1200
3/13/2018 8:00	1032	1032	1196	1200
3/13/2018 9:00	1032	1032	1194	1196
3/13/2018 10:00	1032	1033	1194	1195
3/13/2018 11:00	1033	1033	1193	1195
3/13/2018 12:00	1032	1033	1192	1193
3/13/2018 13:00	1032	1032	1192	1193
3/13/2018 14:00	1032	1032	1192	1193
3/13/2018 15:00	1032	1032	1192	1193
3/13/2018 16:00	1032	1032	1190	1192
3/13/2018 17:00	1032	1032	1189	1190
3/13/2018 18:00	1032	1032	1189	1190
3/13/2018 19:00	1032	1032	1189	1190
3/13/2018 20:00	1032	1032	1189	1190
3/13/2018 21:00	1032	1032	1190	1191
3/13/2018 22:00	1032	1032	1188	1190
3/13/2018 23:00	1032	1032	1187	1188
3/14/2018 0:00	1032	1032	1187	1187
3/14/2018 1:00	1032	1032	1186	1187
3/14/2018 2:00	1032	1032	1185	1186
3/14/2018 3:00	1032	1032	1184	1185
3/14/2018 4:00	1031	1032	1184	1186
3/14/2018 5:00	1031	1031	1186	1186
3/14/2018 6:00	1031	1032	1186	1186
3/14/2018 7:00	1032	1032	1186	1187
3/14/2018 8:00	1032	1032	1187	1187
3/14/2018 9:00	1032	1032	1187	1189
3/14/2018 10:00	1032	1032	1189	1190
3/14/2018 11:00	1032	1032	1190	1192
3/14/2018 12:00	1032	1032	1192	1193
3/14/2018 13:00	1032	1032	1192	1193
3/14/2018 14:00	1032	1032	1192	1193
3/14/2018 15:00	1032	1032	1192	1192
3/14/2018 16:00	1032	1033	1191	1192
3/14/2018 17:00	1033	1033	1191	1191
3/14/2018 18:00	1033	1033	1190	1191
3/14/2018 19:00	1033	1033	1190	1191
3/14/2018 20:00	1033	1033	1191	1194
3/14/2018 21:00	1033	1033	1193	1194
3/14/2018 22:00	1033	1033	1191	1193
3/14/2018 23:00	1033	1033	1188	1191
3/15/2018 0:00	1033	1033	1187	1188
3/15/2018 1:00	1033	1033	1186	1187
3/15/2018 2:00	1033	1033	1186	1187
3/15/2018 3:00	1032	1033	1187	1188
3/15/2018 4:00	1032	1032	1187	1189
3/15/2018 5:00	1032	1032	1187	1188
3/15/2018 6:00	1032	1033	1186	1189
3/15/2018 7:00	1033	1034	1189	1192
3/15/2018 8:00	1034	1034	1192	1194
3/15/2018 9:00	1034	1034	1193	1194
3/15/2018 10:00	1033	1034	1193	1196
3/15/2018 11:00	1033	1033	1196	1198
3/15/2018 12:00	1032	1033	1197	1198
3/15/2018 13:00	1032	1032	1196	1197
3/15/2018 14:00	1032	1032	1196	1196
3/15/2018 15:00	1032	1032	1196	1197
3/15/2018 16:00	1032	1032	1197	1198
3/15/2018 17:00	1031	1032	1196	1197
3/15/2018 18:00	1031	1031	1195	1197
3/15/2018 19:00	1031	1031	1195	1196
3/15/2018 20:00	1031	1031	1195	1196
3/15/2018 21:00	1031	1031	1195	1196
3/15/2018 22:00	1031	1031	1194	1195
3/15/2018 23:00	1031	1031	1193	1194
3/16/2018 0:00	1031	1031	1191	1193
3/16/2018 1:00	1031	1031	1189	1191
3/16/2018 2:00	1031	1031	1189	1190
3/16/2018 3:00	1031	1031	1189	1196
3/16/2018 4:00	1031	1031	1196	1199
3/16/2018 5:00	1031	1031	1193	1198
3/16/2018 6:00	1031	1031	1189	1193
3/16/2018 7:00	1031	1031	1187	1190

Xcel Energy
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/16/2018 8:00	1031	1031	1187	1189
3/16/2018 9:00	1031	1031	1189	1195
3/16/2018 10:00	1031	1032	1195	1199
3/16/2018 11:00	1032	1032	1194	1197
3/16/2018 12:00	1032	1032	1191	1194
3/16/2018 13:00	1032	1032	1189	1191
3/16/2018 14:00	1032	1032	1190	1195
3/16/2018 15:00	1032	1032	1194	1197
3/16/2018 16:00	1032	1032	1196	1197
3/16/2018 17:00	1031	1032	1196	1196
3/16/2018 18:00	1031	1031	1191	1196
3/16/2018 19:00	1030	1031	1191	1191
3/16/2018 20:00	1030	1030	1191	1191
3/16/2018 21:00	1029	1030	1185	1191
3/16/2018 22:00	1028	1029	1181	1185
3/16/2018 23:00	1028	1028	1178	1181
3/17/2018 0:00	1028	1029	1178	1178
3/17/2018 1:00	1029	1030	1178	1178
3/17/2018 2:00	1030	1031	1178	1178
3/17/2018 3:00	1031	1031	1178	1178
3/17/2018 4:00	1031	1031	1178	1178
3/17/2018 5:00	1031	1031	1178	1178
3/17/2018 6:00	1031	1031	1178	1178
3/17/2018 7:00	1031	1031	1178	1178
3/17/2018 8:00	1031	1032	1178	1178
3/17/2018 9:00	1032	1032	1178	1178
3/17/2018 10:00	1031	1032	1178	1178
3/17/2018 11:00	1031	1031	1178	1180
3/17/2018 12:00	1031	1031	1179	1180
3/17/2018 13:00	1031	1031	1179	1179
3/17/2018 14:00	1031	1031	1178	1180
3/17/2018 15:00	1031	1031	1178	1180
3/17/2018 16:00	1030	1031	1177	1178
3/17/2018 17:00	1030	1030	1177	1177
3/17/2018 18:00	1030	1030	1176	1177
3/17/2018 19:00	1030	1030	1176	1176
3/17/2018 20:00	1030	1030	1174	1176
3/17/2018 21:00	1030	1030	1174	1175
3/17/2018 22:00	1030	1030	1175	1175
3/17/2018 23:00	1030	1030	1173	1175
3/18/2018 0:00	1030	1030	1172	1173
3/18/2018 1:00	1030	1030	1170	1172
3/18/2018 2:00	1030	1030	1169	1170
3/18/2018 3:00	1030	1030	1168	1169
3/18/2018 4:00	1030	1030	1167	1169
3/18/2018 5:00	1029	1030	1167	1170
3/18/2018 6:00	1029	1029	1169	1171
3/18/2018 7:00	1029	1029	1171	1174
3/18/2018 8:00	1029	1030	1174	1176
3/18/2018 9:00	1030	1030	1173	1176
3/18/2018 10:00	1030	1030	1173	1174
3/18/2018 11:00	1030	1030	1174	1176
3/18/2018 12:00	1030	1030	1176	1178
3/18/2018 13:00	1030	1030	1176	1178
3/18/2018 14:00	1030	1030	1174	1176
3/18/2018 15:00	1030	1030	1173	1174
3/18/2018 16:00	1030	1030	1173	1175
3/18/2018 17:00	1030	1031	1175	1179
3/18/2018 18:00	1031	1031	1179	1181
3/18/2018 19:00	1031	1031	1178	1181
3/18/2018 20:00	1031	1031	1177	1178
3/18/2018 21:00	1031	1031	1177	1181
3/18/2018 22:00	1031	1031	1181	1183
3/18/2018 23:00	1031	1031	1183	1185
3/19/2018 0:00	1031	1031	1183	1185
3/19/2018 1:00	1031	1031	1183	1184
3/19/2018 2:00	1031	1031	1180	1184
3/19/2018 3:00	1031	1031	1180	1182
3/19/2018 4:00	1031	1031	1182	1184
3/19/2018 5:00	1031	1031	1182	1184
3/19/2018 6:00	1031	1031	1182	1187
3/19/2018 7:00	1031	1031	1186	1187
3/19/2018 8:00	1031	1031	1186	1188
3/19/2018 9:00	1031	1031	1188	1190
3/19/2018 10:00	1031	1031	1190	1190

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/19/2018 11:00	1030	1031	1190	1191
3/19/2018 12:00	1030	1031	1190	1191
3/19/2018 13:00	1031	1031	1189	1190
3/19/2018 14:00	1031	1031	1189	1190
3/19/2018 15:00	1030	1031	1189	1191
3/19/2018 16:00	1030	1030	1191	1191
3/19/2018 17:00	1030	1030	1190	1191
3/19/2018 18:00	1030	1030	1190	1190
3/19/2018 19:00	1030	1030	1190	1191
3/19/2018 20:00	1030	1030	1191	1192
3/19/2018 21:00	1030	1030	1192	1193
3/19/2018 22:00	1030	1030	1193	1193
3/19/2018 23:00	1030	1030	1191	1193
3/20/2018 0:00	1030	1030	1191	1193
3/20/2018 1:00	1030	1031	1193	1198
3/20/2018 2:00	1031	1031	1195	1199
3/20/2018 3:00	1031	1031	1195	1196
3/20/2018 4:00	1031	1031	1196	1200
3/20/2018 5:00	1031	1032	1199	1200
3/20/2018 6:00	1032	1032	1200	1200
3/20/2018 7:00	1032	1032	1200	1200
3/20/2018 8:00	1031	1032	1200	1200
3/20/2018 9:00	1031	1031	1200	1200
3/20/2018 10:00	1031	1031	1200	1200
3/20/2018 11:00	1031	1031	1200	1200
3/20/2018 12:00	1031	1031	1200	1200
3/20/2018 13:00	1031	1031	1200	1200
3/20/2018 14:00	1031	1031	1200	1200
3/20/2018 15:00	1031	1031	1200	1200
3/20/2018 16:00	1031	1031	1200	1200
3/20/2018 17:00	1031	1031	1200	1200
3/20/2018 18:00	1031	1031	1200	1200
3/20/2018 19:00	1031	1031	1200	1200
3/20/2018 20:00	1031	1031	1200	1200
3/20/2018 21:00	1031	1032	1200	1200
3/20/2018 22:00	1032	1032	1200	1200
3/20/2018 23:00	1032	1032	1200	1200
3/21/2018 0:00	1032	1032	1200	1200
3/21/2018 1:00	1032	1032	1199	1200
3/21/2018 2:00	1032	1032	1197	1199
3/21/2018 3:00	1032	1032	1198	1200
3/21/2018 4:00	1032	1032	1200	1200
3/21/2018 5:00	1032	1032	1200	1200
3/21/2018 6:00	1032	1032	1200	1200
3/21/2018 7:00	1032	1032	1200	1200
3/21/2018 8:00	1032	1032	1200	1200
3/21/2018 9:00	1032	1032	1200	1200
3/21/2018 10:00	1032	1032	1200	1200
3/21/2018 11:00	1032	1032	1200	1200
3/21/2018 12:00	1032	1032	1200	1200
3/21/2018 13:00	1032	1032	1200	1200
3/21/2018 14:00	1032	1032	1200	1200
3/21/2018 15:00	1031	1032	1200	1200
3/21/2018 16:00	1031	1031	1200	1200
3/21/2018 17:00	1031	1032	1200	1200
3/21/2018 18:00	1032	1032	1200	1200
3/21/2018 19:00	1032	1032	1200	1200
3/21/2018 20:00	1032	1032	1200	1200
3/21/2018 21:00	1032	1032	1200	1200
3/21/2018 22:00	1032	1032	1200	1200
3/21/2018 23:00	1032	1032	1200	1200
3/22/2018 0:00	1032	1032	1200	1200
3/22/2018 1:00	1031	1032	1200	1200
3/22/2018 2:00	1031	1031	1200	1200
3/22/2018 3:00	1031	1031	1200	1200
3/22/2018 4:00	1031	1031	1200	1200
3/22/2018 5:00	1031	1031	1200	1200
3/22/2018 6:00	1031	1031	1200	1200
3/22/2018 7:00	1031	1032	1200	1200
3/22/2018 8:00	1032	1033	1200	1200
3/22/2018 9:00	1033	1033	1200	1200
3/22/2018 10:00	1033	1034	1200	1200
3/22/2018 11:00	1034	1034	1200	1200
3/22/2018 12:00	1033	1034	1200	1200
3/22/2018 13:00	1031	1033	1200	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/22/2018 14:00	1031	1031	1200	1200
3/22/2018 15:00	1030	1031	1200	1200
3/22/2018 16:00	1030	1030	1200	1200
3/22/2018 17:00	1030	1030	1200	1200
3/22/2018 18:00	1030	1030	1200	1200
3/22/2018 19:00	1030	1030	1200	1200
3/22/2018 20:00	1030	1030	1200	1200
3/22/2018 21:00	1030	1030	1200	1200
3/22/2018 22:00	1029	1030	1200	1200
3/22/2018 23:00	1029	1029	1200	1200
3/23/2018 0:00	1029	1030	1200	1200
3/23/2018 1:00	1030	1030	1200	1200
3/23/2018 2:00	1030	1030	1200	1200
3/23/2018 3:00	1030	1030	1200	1200
3/23/2018 4:00	1030	1030	1200	1200
3/23/2018 5:00	1030	1030	1200	1200
3/23/2018 6:00	1030	1030	1200	1200
3/23/2018 7:00	1030	1030	1200	1200
3/23/2018 8:00	1030	1030	1200	1200
3/23/2018 9:00	1030	1030	1200	1200
3/23/2018 10:00	1030	1031	1200	1200
3/23/2018 11:00	1031	1031	1200	1200
3/23/2018 12:00	1031	1031	1200	1200
3/23/2018 13:00	1031	1031	1200	1200
3/23/2018 14:00	1031	1031	1200	1200
3/23/2018 15:00	1031	1031	1200	1200
3/23/2018 16:00	1031	1031	1200	1200
3/23/2018 17:00	1031	1031	1200	1200
3/23/2018 18:00	1031	1031	1200	1200
3/23/2018 19:00	1031	1031	1200	1200
3/23/2018 20:00	1031	1031	1200	1200
3/23/2018 21:00	1031	1031	1200	1200
3/23/2018 22:00	1031	1032	1200	1200
3/23/2018 23:00	1031	1032	1200	1200
3/24/2018 0:00	1031	1031	1200	1200
3/24/2018 1:00	1031	1031	1200	1200
3/24/2018 2:00	1031	1031	1200	1200
3/24/2018 3:00	1031	1031	1200	1200
3/24/2018 4:00	1031	1031	1200	1200
3/24/2018 5:00	1030	1031	1200	1200
3/24/2018 6:00	1030	1030	1200	1200
3/24/2018 7:00	1030	1030	1200	1200
3/24/2018 8:00	1030	1030	1200	1200
3/24/2018 9:00	1030	1030	1200	1200
3/24/2018 10:00	1030	1030	1200	1200
3/24/2018 11:00	1030	1030	1200	1200
3/24/2018 12:00	1030	1030	1200	1200
3/24/2018 13:00	1030	1030	1200	1200
3/24/2018 14:00	1030	1030	1200	1200
3/24/2018 15:00	1030	1030	1200	1200
3/24/2018 16:00	1030	1030	1200	1200
3/24/2018 17:00	1030	1030	1200	1200
3/24/2018 18:00	1030	1031	1200	1200
3/24/2018 19:00	1031	1031	1200	1200
3/24/2018 20:00	1031	1031	1200	1200
3/24/2018 21:00	1031	1031	1200	1200
3/24/2018 22:00	1031	1031	1200	1200
3/24/2018 23:00	1031	1032	1200	1200
3/25/2018 0:00	1032	1032	1199	1200
3/25/2018 1:00	1031	1032	1200	1200
3/25/2018 2:00	1031	1031	1200	1200
3/25/2018 3:00	1031	1031	1198	1200
3/25/2018 4:00	1031	1031	1198	1199
3/25/2018 5:00	1031	1031	1199	1200
3/25/2018 6:00	1031	1031	1200	1200
3/25/2018 7:00	1031	1031	1200	1200
3/25/2018 8:00	1031	1031	1197	1200
3/25/2018 9:00	1031	1031	1197	1200
3/25/2018 10:00	1031	1032	1200	1200
3/25/2018 11:00	1032	1032	1200	1200
3/25/2018 12:00	1032	1032	1200	1200
3/25/2018 13:00	1032	1032	1200	1200
3/25/2018 14:00	1032	1032	1200	1200
3/25/2018 15:00	1031	1032	1200	1200
3/25/2018 16:00	1031	1031	1200	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/25/2018 17:00	1031	1031	1200	1200
3/25/2018 18:00	1031	1031	1199	1200
3/25/2018 19:00	1031	1031	1199	1200
3/25/2018 20:00	1031	1031	1200	1200
3/25/2018 21:00	1031	1031	1200	1200
3/25/2018 22:00	1031	1031	1200	1200
3/25/2018 23:00	1031	1031	1200	1200
3/26/2018 0:00	1031	1031	1200	1200
3/26/2018 1:00	1031	1031	1198	1200
3/26/2018 2:00	1031	1031	1198	1199
3/26/2018 3:00	1031	1031	1199	1199
3/26/2018 4:00	1031	1032	1199	1200
3/26/2018 5:00	1032	1032	1200	1200
3/26/2018 6:00	1032	1032	1200	1200
3/26/2018 7:00	1032	1032	1200	1200
3/26/2018 8:00	1032	1032	1200	1200
3/26/2018 9:00	1032	1032	1200	1200
3/26/2018 10:00	1032	1032	1200	1200
3/26/2018 11:00	1032	1032	1200	1200
3/26/2018 12:00	1032	1032	1200	1200
3/26/2018 13:00	1031	1032	1200	1200
3/26/2018 14:00	1031	1031	1200	1200
3/26/2018 15:00	1031	1031	1200	1200
3/26/2018 16:00	1031	1031	1200	1200
3/26/2018 17:00	1031	1031	1200	1200
3/26/2018 18:00	1031	1031	1200	1200
3/26/2018 19:00	1031	1031	1200	1200
3/26/2018 20:00	1031	1031	1200	1200
3/26/2018 21:00	1031	1031	1200	1200
3/26/2018 22:00	1031	1031	1200	1200
3/26/2018 23:00	1031	1031	1200	1200
3/27/2018 0:00	1031	1031	1200	1200
3/27/2018 1:00	1031	1031	1200	1200
3/27/2018 2:00	1031	1032	1200	1200
3/27/2018 3:00	1032	1032	1200	1200
3/27/2018 4:00	1031	1032	1200	1200
3/27/2018 5:00	1031	1031	1200	1200
3/27/2018 6:00	1031	1031	1199	1200
3/27/2018 7:00	1031	1031	1199	1200
3/27/2018 8:00	1031	1031	1200	1200
3/27/2018 9:00	1031	1031	1200	1200
3/27/2018 10:00	1031	1031	1200	1200
3/27/2018 11:00	1031	1031	1200	1200
3/27/2018 12:00	1031	1031	1200	1200
3/27/2018 13:00	1031	1031	1200	1200
3/27/2018 14:00	1031	1031	1200	1200
3/27/2018 15:00	1031	1031	1200	1200
3/27/2018 16:00	1031	1031	1200	1200
3/27/2018 17:00	1031	1031	1200	1200
3/27/2018 18:00	1031	1031	1200	1200
3/27/2018 19:00	1031	1031	1200	1200
3/27/2018 20:00	1031	1031	1200	1200
3/27/2018 21:00	1031	1031	1200	1200
3/27/2018 22:00	1031	1031	1199	1200
3/27/2018 23:00	1031	1031	1199	1200
3/28/2018 0:00	1031	1031	1199	1200
3/28/2018 1:00	1031	1031	1196	1199
3/28/2018 2:00	1031	1031	1189	1197
3/28/2018 3:00	1031	1032	1189	1193
3/28/2018 4:00	1032	1032	1191	1194
3/28/2018 5:00	1032	1032	1181	1192
3/28/2018 6:00	1032	1032	1122	1181
3/28/2018 7:00	1032	1032	1122	1127
3/28/2018 8:00	1032	1032	1127	1166
3/28/2018 9:00	1032	1032	1166	1179
3/28/2018 10:00	1032	1032	1179	1187
3/28/2018 11:00	1032	1032	1187	1187
3/28/2018 12:00	1032	1032	1185	1187
3/28/2018 13:00	1032	1032	1182	1185
3/28/2018 14:00	1032	1032	1182	1183
3/28/2018 15:00	1032	1032	1182	1183
3/28/2018 16:00	1032	1032	1181	1182
3/28/2018 17:00	1032	1032	1182	1182
3/28/2018 18:00	1032	1032	1182	1182
3/28/2018 19:00	1032	1032	1182	1184

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/28/2018 20:00	1032	1032	1184	1185
3/28/2018 21:00	1032	1032	1184	1186
3/28/2018 22:00	1032	1032	1186	1189
3/28/2018 23:00	1031	1032	1189	1192
3/29/2018 0:00	1031	1031	1191	1193
3/29/2018 1:00	1031	1031	1190	1191
3/29/2018 2:00	1031	1031	1186	1190
3/29/2018 3:00	1031	1031	1184	1186
3/29/2018 4:00	1031	1032	1185	1186
3/29/2018 5:00	1032	1032	1186	1195
3/29/2018 6:00	1032	1032	1185	1195
3/29/2018 7:00	1032	1032	1181	1185
3/29/2018 8:00	1032	1032	1181	1181
3/29/2018 9:00	1032	1032	1180	1181
3/29/2018 10:00	1032	1032	1180	1180
3/29/2018 11:00	1032	1032	1180	1180
3/29/2018 12:00	1032	1032	1179	1180
3/29/2018 13:00	1032	1032	1178	1179
3/29/2018 14:00	1032	1032	1177	1178
3/29/2018 15:00	1032	1032	1178	1179
3/29/2018 16:00	1032	1033	1179	1180
3/29/2018 17:00	1033	1033	1180	1180
3/29/2018 18:00	1033	1033	1178	1180
3/29/2018 19:00	1033	1033	1179	1181
3/29/2018 20:00	1033	1033	1179	1181
3/29/2018 21:00	1032	1033	1180	1181
3/29/2018 22:00	1032	1032	1178	1181
3/29/2018 23:00	1032	1033	1176	1178
3/30/2018 0:00	1033	1033	1172	1176
3/30/2018 1:00	1033	1033	1171	1172
3/30/2018 2:00	1032	1033	1171	1172
3/30/2018 3:00	1032	1032	1172	1174
3/30/2018 4:00	1032	1032	1174	1175
3/30/2018 5:00	1032	1032	1175	1175
3/30/2018 6:00	1032	1033	1175	1177
3/30/2018 7:00	1033	1033	1177	1178
3/30/2018 8:00	1033	1033	1176	1179
3/30/2018 9:00	1033	1033	1179	1181
3/30/2018 10:00	1033	1033	1180	1181
3/30/2018 11:00	1033	1033	1173	1180
3/30/2018 12:00	1033	1033	1171	1174
3/30/2018 13:00	1033	1033	1170	1172
3/30/2018 14:00	1033	1033	1169	1170
3/30/2018 15:00	1033	1033	1162	1169
3/30/2018 16:00	1033	1033	1162	1162
3/30/2018 17:00	1033	1033	1162	1164
3/30/2018 18:00	1033	1033	1162	1164
3/30/2018 19:00	1033	1033	1162	1163
3/30/2018 20:00	1033	1033	1162	1164
3/30/2018 21:00	1033	1033	1164	1165
3/30/2018 22:00	1033	1033	1162	1164
3/30/2018 23:00	1033	1033	1156	1162
3/31/2018 0:00	1033	1033	1158	1160
3/31/2018 1:00	1033	1033	1158	1160
3/31/2018 2:00	1033	1033	1160	1160
3/31/2018 3:00	1033	1033	1160	1162
3/31/2018 4:00	1032	1033	1162	1163
3/31/2018 5:00	1032	1032	1163	1166
3/31/2018 6:00	1032	1032	1166	1170
3/31/2018 7:00	1032	1032	1168	1171
3/31/2018 8:00	1032	1032	1171	1175
3/31/2018 9:00	1032	1032	1175	1177
3/31/2018 10:00	1031	1032	1177	1177
3/31/2018 11:00	1031	1031	1177	1181
3/31/2018 12:00	1031	1031	1181	1181
3/31/2018 13:00	1030	1031	1178	1181
3/31/2018 14:00	1030	1030	1177	1178
3/31/2018 15:00	1029	1030	1177	1178
3/31/2018 16:00	1029	1029	1178	1179
3/31/2018 17:00	1029	1031	1176	1179
3/31/2018 18:00	1031	1033	1175	1176
3/31/2018 19:00	1033	1035	1175	1177
3/31/2018 20:00	1035	1035	1174	1177
3/31/2018 21:00	1033	1035	1172	1174
3/31/2018 22:00	1032	1033	1171	1174
3/31/2018 23:00	1031	1032	1169	1171
Min (Btu/cf)	1028	1036	1122	1200