



825 Rice Street
Saint Paul, MN 55117

May 22, 2017

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 2017 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 that reads 'Jeff Murray'.

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
4/1/2017 0:00	1017	1017	1179	1180
4/1/2017 1:00	1017	1017	1180	1180
4/1/2017 2:00	1017	1017	1180	1182
4/1/2017 3:00	1017	1017	1182	1183
4/1/2017 4:00	1017	1017	1181	1183
4/1/2017 5:00	1017	1017	1182	1183
4/1/2017 6:00	1017	1017	1181	1182
4/1/2017 7:00	1017	1017	1181	1182
4/1/2017 8:00	1017	1017	1181	1181
4/1/2017 9:00	1016	1017	1181	1183
4/1/2017 10:00	1016	1016	1180	1183
4/1/2017 11:00	1016	1016	1179	1181
4/1/2017 12:00	1016	1016	1177	1179
4/1/2017 13:00	1016	1017	1177	1179
4/1/2017 14:00	1017	1017	1176	1179
4/1/2017 15:00	1017	1017	1176	1180
4/1/2017 16:00	1017	1018	1176	1180
4/1/2017 17:00	1018	1018	1176	1180
4/1/2017 18:00	1018	1019	1178	1181
4/1/2017 19:00	1019	1019	1181	1182
4/1/2017 20:00	1019	1019	1181	1183
4/1/2017 21:00	1019	1019	1182	1183
4/1/2017 22:00	1018	1019	1181	1183
4/1/2017 23:00	1017	1018	1181	1182
4/2/2017 0:00	1017	1017	1180	1181
4/2/2017 1:00	1017	1017	1181	1182
4/2/2017 2:00	1017	1017	1181	1182
4/2/2017 3:00	1017	1017	1181	1183
4/2/2017 4:00	1017	1017	1182	1183
4/2/2017 5:00	1016	1017	1182	1183
4/2/2017 6:00	1016	1016	1181	1182
4/2/2017 7:00	1016	1016	1181	1182
4/2/2017 8:00	1016	1016	1182	1186
4/2/2017 9:00	1016	1016	1185	1186
4/2/2017 10:00	1016	1017	1185	1185
4/2/2017 11:00	1016	1017	1184	1185
4/2/2017 12:00	1015	1016	1184	1185
4/2/2017 13:00	1015	1015	1184	1185
4/2/2017 14:00	1015	1016	1182	1184
4/2/2017 15:00	1016	1016	1182	1185
4/2/2017 16:00	1015	1016	1184	1186
4/2/2017 17:00	1015	1015	1186	1187
4/2/2017 18:00	1015	1016	1186	1187
4/2/2017 19:00	1016	1016	1186	1187
4/2/2017 20:00	1016	1016	1185	1187
4/2/2017 21:00	1016	1018	1185	1186
4/2/2017 22:00	1018	1018	1186	1186
4/2/2017 23:00	1018	1018	1184	1186
4/3/2017 0:00	1018	1018	1184	1184
4/3/2017 1:00	1018	1018	1184	1184
4/3/2017 2:00	1018	1018	1184	1185
4/3/2017 3:00	1017	1018	1184	1185
4/3/2017 4:00	1017	1017	1185	1185
4/3/2017 5:00	1016	1017	1185	1186
4/3/2017 6:00	1016	1016	1185	1186
4/3/2017 7:00	1016	1016	1184	1185
4/3/2017 8:00	1016	1016	1184	1185
4/3/2017 9:00	1015	1016	1184	1185
4/3/2017 10:00	1015	1015	1184	1185
4/3/2017 11:00	1015	1015	1184	1185
4/3/2017 12:00	1015	1015	1184	1185
4/3/2017 13:00	1015	1015	1184	1185
4/3/2017 14:00	1015	1015	1185	1185
4/3/2017 15:00	1015	1015	1185	1188
4/3/2017 16:00	1015	1015	1188	1188
4/3/2017 17:00	1015	1015	1188	1188
4/3/2017 18:00	1015	1015	1187	1188

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
4/3/2017 19:00	1015	1015	1187	1187
4/3/2017 20:00	1015	1015	1184	1187
4/3/2017 21:00	1015	1016	1184	1184
4/3/2017 22:00	1015	1016	1184	1186
4/3/2017 23:00	1015	1016	1186	1186
4/4/2017 0:00	1016	1016	1180	1186
4/4/2017 1:00	1016	1016	1177	1180
4/4/2017 2:00	1016	1016	1177	1177
4/4/2017 3:00	1016	1016	1177	1178
4/4/2017 4:00	1016	1016	1178	1179
4/4/2017 5:00	1016	1016	1179	1182
4/4/2017 6:00	1016	1016	1182	1182
4/4/2017 7:00	1016	1016	1182	1183
4/4/2017 8:00	1016	1016	1183	1185
4/4/2017 9:00	1016	1016	1184	1185
4/4/2017 10:00	1016	1016	1185	1185
4/4/2017 11:00	1016	1016	1185	1185
4/4/2017 12:00	1016	1016	1185	1185
4/4/2017 13:00	1016	1017	1185	1186
4/4/2017 14:00	1017	1017	1185	1186
4/4/2017 15:00	1017	1018	1186	1187
4/4/2017 16:00	1018	1018	1187	1187
4/4/2017 17:00	1018	1018	1187	1188
4/4/2017 18:00	1018	1018	1187	1188
4/4/2017 19:00	1018	1019	1187	1187
4/4/2017 20:00	1019	1019	1185	1187
4/4/2017 21:00	1019	1019	1185	1186
4/4/2017 22:00	1019	1019	1186	1186
4/4/2017 23:00	1019	1019	1186	1187
4/5/2017 0:00	1019	1019	1186	1186
4/5/2017 1:00	1019	1019	1186	1186
4/5/2017 2:00	1019	1019	1186	1187
4/5/2017 3:00	1019	1019	1186	1187
4/5/2017 4:00	1019	1019	1186	1187
4/5/2017 5:00	1019	1019	1186	1188
4/5/2017 6:00	1019	1019	1188	1190
4/5/2017 7:00	1018	1019	1190	1200
4/5/2017 8:00	1018	1018	1191	1200
4/5/2017 9:00	1018	1018	1189	1191
4/5/2017 10:00	1018	1018	1188	1189
4/5/2017 11:00	1018	1018	1188	1188
4/5/2017 12:00	1018	1018	1188	1189
4/5/2017 13:00	1018	1018	1189	1189
4/5/2017 14:00	1018	1018	1189	1189
4/5/2017 15:00	1018	1019	1188	1189
4/5/2017 16:00	1019	1019	1188	1190
4/5/2017 17:00	1019	1019	1189	1190
4/5/2017 18:00	1019	1020	1189	1190
4/5/2017 19:00	1020	1020	1190	1190
4/5/2017 20:00	1020	1020	1190	1191
4/5/2017 21:00	1020	1020	1191	1192
4/5/2017 22:00	1020	1020	1188	1191
4/5/2017 23:00	1019	1020	1189	1189
4/6/2017 0:00	1019	1019	1189	1190
4/6/2017 1:00	1019	1019	1190	1191
4/6/2017 2:00	1019	1019	1188	1191
4/6/2017 3:00	1019	1019	1188	1190
4/6/2017 4:00	1019	1019	1184	1190
4/6/2017 5:00	1019	1019	1182	1184
4/6/2017 6:00	1019	1019	1182	1183
4/6/2017 7:00	1018	1019	1182	1183
4/6/2017 8:00	1018	1018	1181	1182
4/6/2017 9:00	1018	1019	1181	1185
4/6/2017 10:00	1019	1019	1185	1187
4/6/2017 11:00	1019	1019	1187	1189
4/6/2017 12:00	1019	1019	1183	1189
4/6/2017 13:00	1019	1019	1182	1183
4/6/2017 14:00	1019	1019	1183	1185
4/6/2017 15:00	1019	1019	1185	1185
4/6/2017 16:00	1019	1019	1185	1188
4/6/2017 17:00	1019	1019	1187	1189
4/6/2017 18:00	1019	1019	1188	1190
4/6/2017 19:00	1019	1020	1189	1189
4/6/2017 20:00	1020	1020	1184	1189
4/6/2017 21:00	1019	1020	1184	1189

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/6/2017 22:00	1019	1019	1189	1189
4/6/2017 23:00	1019	1019	1188	1189
4/7/2017 0:00	1019	1019	1189	1189
4/7/2017 1:00	1019	1019	1188	1189
4/7/2017 2:00	1019	1019	1184	1188
4/7/2017 3:00	1019	1019	1187	1188
4/7/2017 4:00	1019	1019	1188	1189
4/7/2017 5:00	1018	1019	1188	1189
4/7/2017 6:00	1018	1018	1188	1189
4/7/2017 7:00	1018	1018	1188	1192
4/7/2017 8:00	1018	1018	1188	1189
4/7/2017 9:00	1018	1018	1189	1190
4/7/2017 10:00	1018	1018	1189	1189
4/7/2017 11:00	1018	1019	1188	1189
4/7/2017 12:00	1019	1019	1188	1188
4/7/2017 13:00	1019	1019	1188	1189
4/7/2017 14:00	1019	1019	1188	1188
4/7/2017 15:00	1019	1019	1188	1191
4/7/2017 16:00	1019	1019	1191	1191
4/7/2017 17:00	1019	1019	1190	1191
4/7/2017 18:00	1019	1019	1190	1195
4/7/2017 19:00	1019	1019	1192	1198
4/7/2017 20:00	1019	1019	1189	1192
4/7/2017 21:00	1019	1019	1188	1189
4/7/2017 22:00	1019	1019	1187	1189
4/7/2017 23:00	1019	1019	1187	1189
4/8/2017 0:00	1019	1019	1187	1188
4/8/2017 1:00	1019	1019	1187	1188
4/8/2017 2:00	1019	1019	1188	1188
4/8/2017 3:00	1019	1019	1185	1188
4/8/2017 4:00	1019	1019	1185	1186
4/8/2017 5:00	1018	1019	1185	1185
4/8/2017 6:00	1018	1018	1184	1186
4/8/2017 7:00	1018	1018	1184	1188
4/8/2017 8:00	1018	1018	1187	1188
4/8/2017 9:00	1018	1018	1186	1187
4/8/2017 10:00	1017	1018	1184	1186
4/8/2017 11:00	1017	1017	1182	1184
4/8/2017 12:00	1017	1017	1181	1182
4/8/2017 13:00	1017	1017	1182	1185
4/8/2017 14:00	1017	1017	1185	1185
4/8/2017 15:00	1017	1017	1185	1186
4/8/2017 16:00	1017	1017	1185	1186
4/8/2017 17:00	1017	1017	1185	1185
4/8/2017 18:00	1017	1017	1185	1185
4/8/2017 19:00	1017	1017	1185	1187
4/8/2017 20:00	1017	1017	1187	1188
4/8/2017 21:00	1017	1017	1187	1188
4/8/2017 22:00	1017	1017	1186	1188
4/8/2017 23:00	1017	1017	1187	1188
4/9/2017 0:00	1017	1017	1187	1188
4/9/2017 1:00	1016	1017	1188	1188
4/9/2017 2:00	1016	1016	1188	1189
4/9/2017 3:00	1016	1016	1189	1189
4/9/2017 4:00	1016	1016	1189	1189
4/9/2017 5:00	1015	1016	1188	1189
4/9/2017 6:00	1015	1015	1189	1189
4/9/2017 7:00	1015	1015	1188	1189
4/9/2017 8:00	1015	1015	1187	1188
4/9/2017 9:00	1015	1015	1187	1188
4/9/2017 10:00	1015	1015	1187	1187
4/9/2017 11:00	1015	1015	1187	1190
4/9/2017 12:00	1015	1016	1185	1190
4/9/2017 13:00	1016	1016	1184	1189
4/9/2017 14:00	1016	1016	1188	1189
4/9/2017 15:00	1016	1016	1187	1188
4/9/2017 16:00	1016	1016	1187	1189
4/9/2017 17:00	1016	1017	1189	1190
4/9/2017 18:00	1016	1017	1188	1189
4/9/2017 19:00	1016	1017	1188	1189
4/9/2017 20:00	1016	1017	1189	1189
4/9/2017 21:00	1016	1016	1189	1189
4/9/2017 22:00	1016	1016	1189	1189
4/9/2017 23:00	1016	1016	1189	1191
4/10/2017 0:00	1016	1016	1190	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
4/10/2017 1:00	1016	1016	1189	1190
4/10/2017 2:00	1016	1016	1188	1189
4/10/2017 3:00	1016	1016	1188	1188
4/10/2017 4:00	1016	1016	1188	1188
4/10/2017 5:00	1015	1016	1188	1188
4/10/2017 6:00	1015	1015	1188	1189
4/10/2017 7:00	1015	1015	1189	1189
4/10/2017 8:00	1015	1015	1189	1192
4/10/2017 9:00	1015	1015	1191	1192
4/10/2017 10:00	1015	1015	1190	1191
4/10/2017 11:00	1015	1015	1189	1190
4/10/2017 12:00	1015	1015	1189	1189
4/10/2017 13:00	1015	1016	1189	1190
4/10/2017 14:00	1016	1017	1190	1190
4/10/2017 15:00	1017	1018	1188	1190
4/10/2017 16:00	1018	1018	1187	1188
4/10/2017 17:00	1018	1018	1187	1187
4/10/2017 18:00	1018	1018	1185	1187
4/10/2017 19:00	1018	1018	1185	1185
4/10/2017 20:00	1018	1018	1185	1185
4/10/2017 21:00	1018	1018	1185	1186
4/10/2017 22:00	1018	1018	1186	1188
4/10/2017 23:00	1018	1018	1188	1188
4/11/2017 0:00	1018	1018	1187	1188
4/11/2017 1:00	1018	1018	1187	1187
4/11/2017 2:00	1017	1018	1187	1188
4/11/2017 3:00	1017	1017	1188	1189
4/11/2017 4:00	1017	1017	1188	1188
4/11/2017 5:00	1017	1017	1188	1189
4/11/2017 6:00	1017	1017	1189	1190
4/11/2017 7:00	1017	1017	1189	1190
4/11/2017 8:00	1016	1017	1189	1190
4/11/2017 9:00	1016	1016	1189	1190
4/11/2017 10:00	1016	1016	1189	1190
4/11/2017 11:00	1016	1017	1189	1190
4/11/2017 12:00	1017	1018	1188	1189
4/11/2017 13:00	1018	1019	1187	1188
4/11/2017 14:00	1019	1020	1186	1187
4/11/2017 15:00	1020	1021	1186	1186
4/11/2017 16:00	1021	1021	1186	1187
4/11/2017 17:00	1021	1022	1186	1187
4/11/2017 18:00	1022	1022	1184	1186
4/11/2017 19:00	1022	1022	1184	1184
4/11/2017 20:00	1022	1022	1182	1184
4/11/2017 21:00	1022	1022	1183	1185
4/11/2017 22:00	1022	1022	1185	1186
4/11/2017 23:00	1022	1022	1186	1187
4/12/2017 0:00	1022	1022	1186	1187
4/12/2017 1:00	1022	1022	1187	1188
4/12/2017 2:00	1022	1022	1187	1188
4/12/2017 3:00	1022	1022	1186	1187
4/12/2017 4:00	1022	1022	1187	1188
4/12/2017 5:00	1022	1022	1187	1188
4/12/2017 6:00	1022	1022	1188	1189
4/12/2017 7:00	1022	1022	1188	1189
4/12/2017 8:00	1022	1022	1189	1189
4/12/2017 9:00	1022	1022	1189	1189
4/12/2017 10:00	1022	1022	1189	1189
4/12/2017 11:00	1022	1023	1189	1189
4/12/2017 12:00	1023	1023	1188	1189
4/12/2017 13:00	1023	1023	1185	1188
4/12/2017 14:00	1023	1023	1181	1185
4/12/2017 15:00	1023	1023	1177	1181
4/12/2017 16:00	1023	1023	1177	1178
4/12/2017 17:00	1023	1023	1178	1179
4/12/2017 18:00	1022	1023	1179	1180
4/12/2017 19:00	1022	1022	1180	1182
4/12/2017 20:00	1022	1022	1182	1184
4/12/2017 21:00	1022	1022	1184	1185
4/12/2017 22:00	1022	1022	1185	1186
4/12/2017 23:00	1022	1022	1186	1186
4/13/2017 0:00	1022	1022	1186	1187
4/13/2017 1:00	1022	1022	1187	1188
4/13/2017 2:00	1022	1022	1188	1189
4/13/2017 3:00	1022	1022	1189	1189

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/13/2017 4:00	1022	1023	1189	1189
4/13/2017 5:00	1023	1023	1189	1189
4/13/2017 6:00	1023	1023	1189	1189
4/13/2017 7:00	1023	1023	1189	1189
4/13/2017 8:00	1023	1023	1189	1190
4/13/2017 9:00	1023	1023	1190	1190
4/13/2017 10:00	1023	1023	1190	1190
4/13/2017 11:00	1023	1023	1190	1190
4/13/2017 12:00	1023	1024	1190	1190
4/13/2017 13:00	1024	1024	1190	1190
4/13/2017 14:00	1024	1024	1189	1190
4/13/2017 15:00	1024	1024	1188	1189
4/13/2017 16:00	1024	1024	1188	1188
4/13/2017 17:00	1024	1025	1188	1189
4/13/2017 18:00	1025	1025	1185	1189
4/13/2017 19:00	1025	1025	1181	1185
4/13/2017 20:00	1024	1025	1181	1184
4/13/2017 21:00	1024	1024	1184	1185
4/13/2017 22:00	1024	1025	1184	1185
4/13/2017 23:00	1024	1025	1185	1187
4/14/2017 0:00	1024	1024	1187	1187
4/14/2017 1:00	1024	1024	1187	1188
4/14/2017 2:00	1024	1024	1188	1188
4/14/2017 3:00	1023	1024	1188	1188
4/14/2017 4:00	1023	1023	1187	1188
4/14/2017 5:00	1023	1023	1185	1187
4/14/2017 6:00	1022	1023	1185	1185
4/14/2017 7:00	1021	1022	1185	1186
4/14/2017 8:00	1020	1021	1185	1186
4/14/2017 9:00	1019	1020	1182	1185
4/14/2017 10:00	1019	1019	1159	1182
4/14/2017 11:00	1017	1019	1147	1159
4/14/2017 12:00	1017	1017	1147	1151
4/14/2017 13:00	1017	1017	1151	1154
4/14/2017 14:00	1017	1017	1154	1158
4/14/2017 15:00	1017	1017	1158	1165
4/14/2017 16:00	1016	1017	1164	1168
4/14/2017 17:00	1016	1016	1168	1173
4/14/2017 18:00	1016	1017	1173	1177
4/14/2017 19:00	1016	1017	1177	1178
4/14/2017 20:00	1016	1016	1176	1178
4/14/2017 21:00	1016	1016	1176	1177
4/14/2017 22:00	1016	1016	1177	1179
4/14/2017 23:00	1016	1016	1179	1182
4/15/2017 0:00	1016	1016	1182	1184
4/15/2017 1:00	1016	1016	1184	1185
4/15/2017 2:00	1015	1016	1185	1186
4/15/2017 3:00	1015	1015	1186	1187
4/15/2017 4:00	1015	1016	1187	1190
4/15/2017 5:00	1016	1016	1190	1193
4/15/2017 6:00	1016	1016	1190	1193
4/15/2017 7:00	1016	1016	1190	1191
4/15/2017 8:00	1016	1016	1190	1190
4/15/2017 9:00	1016	1016	1189	1190
4/15/2017 10:00	1016	1016	1189	1190
4/15/2017 11:00	1016	1016	1190	1190
4/15/2017 12:00	1016	1016	1190	1190
4/15/2017 13:00	1016	1016	1188	1190
4/15/2017 14:00	1016	1016	1187	1188
4/15/2017 15:00	1016	1016	1188	1189
4/15/2017 16:00	1016	1016	1189	1189
4/15/2017 17:00	1016	1016	1188	1189
4/15/2017 18:00	1016	1016	1187	1188
4/15/2017 19:00	1016	1016	1186	1187
4/15/2017 20:00	1016	1016	1185	1186
4/15/2017 21:00	1016	1016	1185	1185
4/15/2017 22:00	1016	1016	1184	1185
4/15/2017 23:00	1016	1016	1185	1187
4/16/2017 0:00	1016	1016	1187	1190
4/16/2017 1:00	1016	1017	1190	1192
4/16/2017 2:00	1017	1017	1192	1192
4/16/2017 3:00	1017	1017	1191	1192
4/16/2017 4:00	1017	1017	1191	1192
4/16/2017 5:00	1017	1017	1191	1191
4/16/2017 6:00	1017	1017	1190	1191

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/16/2017 7:00	1017	1017	1190	1190
4/16/2017 8:00	1017	1017	1190	1191
4/16/2017 9:00	1017	1017	1191	1191
4/16/2017 10:00	1017	1017	1191	1192
4/16/2017 11:00	1017	1017	1192	1193
4/16/2017 12:00	1017	1017	1193	1193
4/16/2017 13:00	1017	1017	1192	1193
4/16/2017 14:00	1017	1017	1192	1192
4/16/2017 15:00	1017	1017	1191	1192
4/16/2017 16:00	1017	1017	1191	1191
4/16/2017 17:00	1017	1017	1191	1191
4/16/2017 18:00	1017	1017	1191	1192
4/16/2017 19:00	1017	1018	1192	1193
4/16/2017 20:00	1018	1018	1193	1194
4/16/2017 21:00	1018	1018	1193	1194
4/16/2017 22:00	1018	1019	1193	1193
4/16/2017 23:00	1019	1019	1192	1193
4/17/2017 0:00	1019	1019	1192	1192
4/17/2017 1:00	1019	1019	1192	1193
4/17/2017 2:00	1019	1019	1192	1193
4/17/2017 3:00	1019	1019	1193	1193
4/17/2017 4:00	1019	1019	1193	1193
4/17/2017 5:00	1019	1019	1192	1193
4/17/2017 6:00	1019	1019	1192	1196
4/17/2017 7:00	1019	1019	1196	1200
4/17/2017 8:00	1019	1019	1194	1200
4/17/2017 9:00	1019	1019	1192	1194
4/17/2017 10:00	1019	1019	1190	1192
4/17/2017 11:00	1018	1019	1190	1191
4/17/2017 12:00	1018	1018	1191	1192
4/17/2017 13:00	1018	1019	1192	1193
4/17/2017 14:00	1019	1019	1193	1193
4/17/2017 15:00	1019	1019	1193	1194
4/17/2017 16:00	1019	1019	1193	1194
4/17/2017 17:00	1019	1019	1192	1193
4/17/2017 18:00	1019	1019	1192	1192
4/17/2017 19:00	1019	1020	1192	1192
4/17/2017 20:00	1020	1020	1192	1192
4/17/2017 21:00	1020	1020	1192	1193
4/17/2017 22:00	1019	1020	1192	1192
4/17/2017 23:00	1018	1019	1192	1193
4/18/2017 0:00	1018	1018	1192	1193
4/18/2017 1:00	1018	1019	1192	1193
4/18/2017 2:00	1019	1019	1192	1193
4/18/2017 3:00	1018	1019	1192	1192
4/18/2017 4:00	1018	1018	1191	1193
4/18/2017 5:00	1018	1018	1191	1192
4/18/2017 6:00	1017	1018	1191	1192
4/18/2017 7:00	1017	1018	1190	1191
4/18/2017 8:00	1018	1018	1190	1190
4/18/2017 9:00	1018	1018	1190	1192
4/18/2017 10:00	1018	1018	1189	1196
4/18/2017 11:00	1018	1021	1188	1189
4/18/2017 12:00	1021	1021	1189	1191
4/18/2017 13:00	1021	1021	1191	1191
4/18/2017 14:00	1021	1021	1190	1191
4/18/2017 15:00	1021	1021	1190	1190
4/18/2017 16:00	1021	1022	1190	1190
4/18/2017 17:00	1019	1022	1190	1191
4/18/2017 18:00	1019	1019	1190	1191
4/18/2017 19:00	1018	1019	1188	1190
4/18/2017 20:00	1018	1018	1181	1188
4/18/2017 21:00	1018	1018	1181	1185
4/18/2017 22:00	1018	1018	1185	1187
4/18/2017 23:00	1018	1018	1186	1187
4/19/2017 0:00	1018	1019	1183	1186
4/19/2017 1:00	1019	1020	1183	1184
4/19/2017 2:00	1020	1021	1183	1185
4/19/2017 3:00	1021	1022	1185	1185
4/19/2017 4:00	1022	1022	1185	1187
4/19/2017 5:00	1022	1022	1187	1187
4/19/2017 6:00	1022	1022	1186	1187
4/19/2017 7:00	1021	1022	1186	1193
4/19/2017 8:00	1021	1021	1181	1193
4/19/2017 9:00	1021	1021	1183	1187

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/19/2017 10:00	1021	1021	1187	1190
4/19/2017 11:00	1020	1021	1190	1191
4/19/2017 12:00	1020	1020	1190	1191
4/19/2017 13:00	1019	1020	1190	1191
4/19/2017 14:00	1019	1019	1190	1190
4/19/2017 15:00	1018	1019	1189	1191
4/19/2017 16:00	1018	1018	1189	1189
4/19/2017 17:00	1018	1018	1188	1189
4/19/2017 18:00	1018	1018	1188	1190
4/19/2017 19:00	1018	1018	1190	1191
4/19/2017 20:00	1018	1018	1191	1192
4/19/2017 21:00	1018	1018	1192	1193
4/19/2017 22:00	1018	1018	1190	1192
4/19/2017 23:00	1017	1018	1190	1190
4/20/2017 0:00	1017	1017	1190	1190
4/20/2017 1:00	1017	1017	1190	1190
4/20/2017 2:00	1017	1017	1190	1191
4/20/2017 3:00	1017	1017	1191	1191
4/20/2017 4:00	1017	1017	1191	1191
4/20/2017 5:00	1017	1017	1190	1191
4/20/2017 6:00	1017	1018	1190	1191
4/20/2017 7:00	1018	1018	1189	1191
4/20/2017 8:00	1018	1018	1188	1190
4/20/2017 9:00	1018	1018	1187	1190
4/20/2017 10:00	1018	1018	1185	1190
4/20/2017 11:00	1018	1018	1183	1188
4/20/2017 12:00	1018	1018	1183	1187
4/20/2017 13:00	1018	1018	1183	1188
4/20/2017 14:00	1018	1018	1186	1188
4/20/2017 15:00	1018	1018	1186	1186
4/20/2017 16:00	1018	1019	1186	1187
4/20/2017 17:00	1019	1019	1187	1187
4/20/2017 18:00	1019	1019	1187	1188
4/20/2017 19:00	1018	1019	1188	1188
4/20/2017 20:00	1018	1018	1188	1188
4/20/2017 21:00	1018	1018	1187	1188
4/20/2017 22:00	1018	1018	1187	1188
4/20/2017 23:00	1018	1018	1188	1193
4/21/2017 0:00	1018	1018	1174	1193
4/21/2017 1:00	1018	1018	1174	1187
4/21/2017 2:00	1018	1018	1183	1187
4/21/2017 3:00	1018	1018	1175	1186
4/21/2017 4:00	1018	1018	1119	1175
4/21/2017 5:00	1018	1018	1112	1119
4/21/2017 6:00	1018	1018	1111	1112
4/21/2017 7:00	1018	1018	1111	1112
4/21/2017 8:00	1018	1018	1112	1113
4/21/2017 9:00	1018	1018	1113	1156
4/21/2017 10:00	1018	1018	1156	1168
4/21/2017 11:00	1018	1019	1163	1168
4/21/2017 12:00	1019	1019	1167	1177
4/21/2017 13:00	1019	1019	1172	1177
4/21/2017 14:00	1019	1019	1172	1184
4/21/2017 15:00	1019	1019	1184	1200
4/21/2017 16:00	1019	1019	1189	1200
4/21/2017 17:00	1018	1019	1187	1189
4/21/2017 18:00	1018	1018	1185	1187
4/21/2017 19:00	1018	1018	1184	1185
4/21/2017 20:00	1018	1018	1183	1184
4/21/2017 21:00	1018	1018	1181	1184
4/21/2017 22:00	1018	1018	1180	1181
4/21/2017 23:00	1017	1018	1180	1182
4/22/2017 0:00	1017	1017	1182	1184
4/22/2017 1:00	1017	1017	1183	1186
4/22/2017 2:00	1017	1017	1186	1186
4/22/2017 3:00	1016	1017	1183	1186
4/22/2017 4:00	1016	1016	1183	1184
4/22/2017 5:00	1016	1016	1184	1184
4/22/2017 6:00	1016	1016	1184	1185
4/22/2017 7:00	1016	1016	1185	1185
4/22/2017 8:00	1016	1016	1184	1186
4/22/2017 9:00	1016	1016	1182	1186
4/22/2017 10:00	1016	1016	1182	1184
4/22/2017 11:00	1016	1016	1184	1187
4/22/2017 12:00	1016	1016	1187	1188

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/22/2017 13:00	1016	1016	1188	1188
4/22/2017 14:00	1016	1016	1186	1188
4/22/2017 15:00	1016	1016	1187	1190
4/22/2017 16:00	1016	1016	1190	1192
4/22/2017 17:00	1016	1017	1182	1192
4/22/2017 18:00	1016	1017	1182	1195
4/22/2017 19:00	1016	1016	1195	1197
4/22/2017 20:00	1016	1016	1188	1196
4/22/2017 21:00	1016	1016	1186	1189
4/22/2017 22:00	1016	1017	1188	1189
4/22/2017 23:00	1017	1017	1188	1189
4/23/2017 0:00	1017	1018	1188	1188
4/23/2017 1:00	1018	1018	1187	1188
4/23/2017 2:00	1018	1018	1187	1190
4/23/2017 3:00	1018	1018	1189	1190
4/23/2017 4:00	1018	1018	1189	1190
4/23/2017 5:00	1017	1018	1189	1190
4/23/2017 6:00	1017	1017	1188	1190
4/23/2017 7:00	1017	1017	1188	1192
4/23/2017 8:00	1017	1017	1186	1193
4/23/2017 9:00	1017	1018	1186	1191
4/23/2017 10:00	1018	1019	1191	1193
4/23/2017 11:00	1019	1020	1191	1192
4/23/2017 12:00	1020	1020	1191	1192
4/23/2017 13:00	1020	1021	1191	1191
4/23/2017 14:00	1021	1021	1190	1191
4/23/2017 15:00	1021	1021	1191	1191
4/23/2017 16:00	1021	1021	1191	1191
4/23/2017 17:00	1021	1021	1191	1191
4/23/2017 18:00	1021	1021	1189	1191
4/23/2017 19:00	1021	1021	1189	1189
4/23/2017 20:00	1021	1021	1189	1189
4/23/2017 21:00	1020	1021	1187	1189
4/23/2017 22:00	1020	1020	1188	1190
4/23/2017 23:00	1019	1020	1187	1189
4/24/2017 0:00	1019	1019	1188	1189
4/24/2017 1:00	1019	1019	1188	1189
4/24/2017 2:00	1019	1019	1188	1189
4/24/2017 3:00	1019	1019	1189	1189
4/24/2017 4:00	1019	1020	1189	1189
4/24/2017 5:00	1020	1020	1189	1190
4/24/2017 6:00	1020	1021	1190	1191
4/24/2017 7:00	1021	1021	1191	1192
4/24/2017 8:00	1021	1021	1192	1192
4/24/2017 9:00	1021	1021	1192	1192
4/24/2017 10:00	1021	1021	1190	1192
4/24/2017 11:00	1021	1021	1191	1193
4/24/2017 12:00	1021	1021	1192	1192
4/24/2017 13:00	1021	1021	1192	1193
4/24/2017 14:00	1021	1022	1192	1192
4/24/2017 15:00	1022	1023	1192	1192
4/24/2017 16:00	1023	1024	1192	1192
4/24/2017 17:00	1024	1026	1192	1192
4/24/2017 18:00	1026	1026	1192	1192
4/24/2017 19:00	1026	1027	1192	1192
4/24/2017 20:00	1026	1027	1192	1192
4/24/2017 21:00	1026	1026	1192	1192
4/24/2017 22:00	1026	1026	1192	1193
4/24/2017 23:00	1026	1026	1193	1194
4/25/2017 0:00	1026	1026	1193	1195
4/25/2017 1:00	1026	1026	1192	1194
4/25/2017 2:00	1026	1026	1192	1193
4/25/2017 3:00	1026	1026	1192	1193
4/25/2017 4:00	1026	1026	1191	1192
4/25/2017 5:00	1026	1026	1191	1192
4/25/2017 6:00	1026	1026	1189	1191
4/25/2017 7:00	1026	1026	1191	1192
4/25/2017 8:00	1026	1026	1191	1192
4/25/2017 9:00	1026	1026	1189	1192
4/25/2017 10:00	1026	1026	1191	1192
4/25/2017 11:00	1026	1026	1190	1191
4/25/2017 12:00	1026	1027	1190	1191
4/25/2017 13:00	1026	1027	1190	1191
4/25/2017 14:00	1026	1026	1191	1191
4/25/2017 15:00	1026	1027	1190	1191

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/25/2017 16:00	1027	1027	1190	1191
4/25/2017 17:00	1027	1027	1190	1191
4/25/2017 18:00	1027	1027	1190	1190
4/25/2017 19:00	1027	1027	1190	1190
4/25/2017 20:00	1027	1027	1190	1190
4/25/2017 21:00	1027	1027	1190	1190
4/25/2017 22:00	1027	1027	1190	1190
4/25/2017 23:00	1027	1027	1189	1190
4/26/2017 0:00	1027	1027	1189	1190
4/26/2017 1:00	1027	1027	1190	1190
4/26/2017 2:00	1026	1027	1190	1190
4/26/2017 3:00	1026	1026	1188	1190
4/26/2017 4:00	1026	1026	1188	1188
4/26/2017 5:00	1026	1026	1187	1189
4/26/2017 6:00	1026	1026	1189	1189
4/26/2017 7:00	1026	1026	1189	1189
4/26/2017 8:00	1026	1026	1188	1189
4/26/2017 9:00	1025	1026	1188	1188
4/26/2017 10:00	1025	1025	1187	1188
4/26/2017 11:00	1025	1025	1186	1187
4/26/2017 12:00	1025	1026	1184	1186
4/26/2017 13:00	1026	1026	1180	1184
4/26/2017 14:00	1026	1026	1180	1182
4/26/2017 15:00	1026	1026	1182	1182
4/26/2017 16:00	1026	1027	1182	1182
4/26/2017 17:00	1027	1027	1181	1182
4/26/2017 18:00	1027	1027	1181	1182
4/26/2017 19:00	1027	1027	1182	1182
4/26/2017 20:00	1027	1027	1182	1183
4/26/2017 21:00	1027	1027	1183	1183
4/26/2017 22:00	1027	1027	1183	1184
4/26/2017 23:00	1027	1027	1183	1184
4/27/2017 0:00	1027	1027	1184	1184
4/27/2017 1:00	1027	1027	1184	1185
4/27/2017 2:00	1027	1027	1185	1185
4/27/2017 3:00	1026	1027	1184	1185
4/27/2017 4:00	1026	1026	1184	1185
4/27/2017 5:00	1025	1026	1184	1184
4/27/2017 6:00	1024	1025	1184	1184
4/27/2017 7:00	1024	1025	1184	1184
4/27/2017 8:00	1025	1025	1183	1184
4/27/2017 9:00	1025	1025	1183	1183
4/27/2017 10:00	1025	1025	1183	1184
4/27/2017 11:00	1025	1025	1184	1184
4/27/2017 12:00	1025	1025	1183	1184
4/27/2017 13:00	1025	1025	1183	1183
4/27/2017 14:00	1025	1025	1183	1183
4/27/2017 15:00	1025	1025	1183	1185
4/27/2017 16:00	1025	1025	1185	1187
4/27/2017 17:00	1025	1025	1187	1188
4/27/2017 18:00	1025	1025	1188	1189
4/27/2017 19:00	1025	1025	1189	1189
4/27/2017 20:00	1025	1025	1189	1189
4/27/2017 21:00	1025	1025	1188	1189
4/27/2017 22:00	1025	1025	1187	1188
4/27/2017 23:00	1025	1025	1187	1188
4/28/2017 0:00	1025	1025	1187	1187
4/28/2017 1:00	1025	1025	1187	1187
4/28/2017 2:00	1025	1025	1187	1187
4/28/2017 3:00	1025	1025	1187	1188
4/28/2017 4:00	1025	1025	1187	1188
4/28/2017 5:00	1025	1025	1187	1187
4/28/2017 6:00	1025	1025	1187	1187
4/28/2017 7:00	1025	1025	1187	1188
4/28/2017 8:00	1025	1025	1188	1188
4/28/2017 9:00	1025	1025	1188	1189
4/28/2017 10:00	1024	1025	1188	1192
4/28/2017 11:00	1024	1024	1188	1191
4/28/2017 12:00	1024	1024	1190	1192
4/28/2017 13:00	1024	1024	1189	1190
4/28/2017 14:00	1023	1024	1188	1189
4/28/2017 15:00	1023	1023	1189	1189
4/28/2017 16:00	1023	1023	1189	1191
4/28/2017 17:00	1022	1023	1190	1191
4/28/2017 18:00	1022	1022	1191	1192

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
4/28/2017 19:00	1022	1022	1191	1192
4/28/2017 20:00	1022	1022	1191	1192
4/28/2017 21:00	1022	1022	1192	1192
4/28/2017 22:00	1022	1022	1191	1192
4/28/2017 23:00	1022	1022	1191	1191
4/29/2017 0:00	1022	1022	1191	1191
4/29/2017 1:00	1022	1022	1190	1191
4/29/2017 2:00	1021	1022	1190	1191
4/29/2017 3:00	1021	1021	1190	1191
4/29/2017 4:00	1021	1021	1190	1191
4/29/2017 5:00	1021	1021	1190	1191
4/29/2017 6:00	1021	1021	1189	1190
4/29/2017 7:00	1021	1021	1189	1189
4/29/2017 8:00	1021	1021	1188	1189
4/29/2017 9:00	1021	1021	1189	1190
4/29/2017 10:00	1021	1022	1190	1192
4/29/2017 11:00	1022	1022	1192	1194
4/29/2017 12:00	1022	1022	1194	1196
4/29/2017 13:00	1022	1022	1196	1197
4/29/2017 14:00	1022	1022	1195	1197
4/29/2017 15:00	1022	1023	1192	1195
4/29/2017 16:00	1023	1023	1191	1192
4/29/2017 17:00	1023	1023	1191	1191
4/29/2017 18:00	1023	1023	1191	1192
4/29/2017 19:00	1022	1023	1192	1192
4/29/2017 20:00	1022	1022	1192	1192
4/29/2017 21:00	1022	1022	1192	1193
4/29/2017 22:00	1022	1022	1193	1194
4/29/2017 23:00	1022	1022	1193	1194
4/30/2017 0:00	1022	1022	1193	1194
4/30/2017 1:00	1022	1022	1193	1193
4/30/2017 2:00	1022	1022	1193	1193
4/30/2017 3:00	1022	1022	1193	1194
4/30/2017 4:00	1022	1022	1193	1193
4/30/2017 5:00	1022	1022	1193	1193
4/30/2017 6:00	1022	1022	1193	1193
4/30/2017 7:00	1022	1022	1193	1193
4/30/2017 8:00	1022	1022	1192	1193
4/30/2017 9:00	1022	1022	1192	1193
4/30/2017 10:00	1022	1022	1193	1194
4/30/2017 11:00	1022	1023	1193	1194
4/30/2017 12:00	1023	1023	1191	1194
4/30/2017 13:00	1023	1024	1191	1192
4/30/2017 14:00	1024	1024	1190	1191
4/30/2017 15:00	1024	1024	1190	1191
4/30/2017 16:00	1024	1024	1191	1191
4/30/2017 17:00	1024	1024	1190	1191
4/30/2017 18:00	1024	1024	1190	1191
4/30/2017 19:00	1024	1024	1190	1191
4/30/2017 20:00	1024	1025	1191	1191
4/30/2017 21:00	1025	1025	1191	1192
4/30/2017 22:00	1025	1025	1192	1192
4/30/2017 23:00	1024	1025	1192	1192
	Min (Btu/cf)	Max (Btu/cf)	Min (Btu/cf)	Max (Btu/cf)
	1015	1027	1111	1200