



825 Rice Street
Saint Paul, MN 55117

October 9, 2019

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 September 2019 as required by N.D. PU-19-92.

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

Sincerely,

A handwritten signature in blue ink that reads 'Christopher Akins'.

Christopher Akins
Manager Pipeline Compliance and Standards
Xcel Energy

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/1/2019 0:00	1036	1036	1200	1200
9/1/2019 1:00	1036	1036	1198	1198
9/1/2019 2:00	1035	1035	1198	1198
9/1/2019 3:00	1035	1035	1200	1200
9/1/2019 4:00	1035	1035	1200	1200
9/1/2019 5:00	1035	1035	1189	1189
9/1/2019 6:00	1035	1035	1187	1187
9/1/2019 7:00	1035	1035	1187	1187
9/1/2019 8:00	1035	1035	1185	1185
9/1/2019 9:00	1034	1035	1177	1177
9/1/2019 10:00	1034	1034	1177	1181
9/1/2019 11:00	1034	1035	1177	1181
9/1/2019 12:00	1035	1035	1181	1182
9/1/2019 13:00	1035	1035	1182	1183
9/1/2019 14:00	1035	1035	1182	1183
9/1/2019 15:00	1035	1035	1182	1184
9/1/2019 16:00	1035	1035	1184	1185
9/1/2019 17:00	1035	1035	1184	1187
9/1/2019 18:00	1034	1035	1184	1187
9/1/2019 19:00	1034	1035	1183	1184
9/1/2019 20:00	1035	1035	1182	1183
9/1/2019 21:00	1035	1035	1182	1185
9/1/2019 22:00	1035	1035	1185	1187
9/1/2019 23:00	1035	1035	1187	1191
9/2/2019 0:00	1035	1035	1191	1194
9/2/2019 1:00	1035	1035	1194	1200
9/2/2019 2:00	1035	1035	1200	1200
9/2/2019 3:00	1035	1035	1200	1200
9/2/2019 4:00	1035	1035	1200	1200
9/2/2019 5:00	1035	1036	1200	1200
9/2/2019 6:00	1036	1036	1200	1200
9/2/2019 7:00	1035	1036	1200	1200
9/2/2019 8:00	1035	1035	1200	1200
9/2/2019 9:00	1035	1035	1194	1200
9/2/2019 10:00	1035	1035	1190	1194
9/2/2019 11:00	1035	1035	1187	1190
9/2/2019 12:00	1035	1035	1187	1192
9/2/2019 13:00	1035	1035	1192	1193
9/2/2019 14:00	1035	1035	1193	1194
9/2/2019 15:00	1035	1035	1191	1193
9/2/2019 16:00	1035	1035	1189	1191
9/2/2019 17:00	1035	1035	1188	1189
9/2/2019 18:00	1035	1035	1185	1188
9/2/2019 19:00	1035	1035	1183	1185
9/2/2019 20:00	1035	1035	1183	1184
9/2/2019 21:00	1035	1035	1183	1183
9/2/2019 22:00	1035	1035	1183	1184
9/2/2019 23:00	1035	1035	1184	1184
9/3/2019 0:00	1035	1035	1184	1184
9/3/2019 1:00	1035	1035	1184	1184
9/3/2019 2:00	1035	1035	1184	1184
9/3/2019 3:00	1035	1035	1184	1184
9/3/2019 4:00	1035	1035	1184	1184
9/3/2019 5:00	1035	1035	1184	1184
9/3/2019 6:00	1035	1035	1184	1184
9/3/2019 7:00	1035	1036	1184	1184
9/3/2019 8:00	1036	1041	1184	1184
9/3/2019 9:00	1038	1041	1184	1184
9/3/2019 10:00	1037	1038	1184	1186
9/3/2019 11:00	1037	1037	1181	1186
9/3/2019 12:00	1036	1037	1179	1181
9/3/2019 13:00	1036	1036	1179	1180
9/3/2019 14:00	1036	1037	1180	1182
9/3/2019 15:00	1037	1037	1182	1183
9/3/2019 16:00	1037	1038	1182	1183
9/3/2019 17:00	1038	1038	1182	1183
9/3/2019 18:00	1038	1038	1182	1183
9/3/2019 19:00	1038	1038	1182	1182
9/3/2019 20:00	1037	1038	1182	1182
9/3/2019 21:00	1037	1037	1182	1183
9/3/2019 22:00	1037	1037	1183	1183
9/3/2019 23:00	1037	1037	1182	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
9/4/2019 0:00	1037	1037	1183	1184
9/4/2019 1:00	1037	1037	1182	1184
9/4/2019 2:00	1037	1037	1181	1182
9/4/2019 3:00	1036	1037	1177	1181
9/4/2019 4:00	1036	1036	1174	1177
9/4/2019 5:00	1036	1036	1173	1175
9/4/2019 6:00	1036	1036	1173	1177
9/4/2019 7:00	1036	1036	1177	1186
9/4/2019 8:00	1036	1036	1186	1188
9/4/2019 9:00	1036	1036	1186	1187
9/4/2019 10:00	1033	1036	1185	1186
9/4/2019 11:00	1033	1033	1181	1185
9/4/2019 12:00	1033	1033	1181	1186
9/4/2019 13:00	1033	1033	1185	1189
9/4/2019 14:00	1032	1033	1183	1189
9/4/2019 15:00	1032	1036	1182	1183
9/4/2019 16:00	1036	1036	1181	1182
9/4/2019 17:00	1035	1036	1176	1181
9/4/2019 18:00	1034	1035	1175	1176
9/4/2019 19:00	1032	1034	1175	1175
9/4/2019 20:00	1032	1032	1175	1176
9/4/2019 21:00	1032	1032	1176	1178
9/4/2019 22:00	1032	1032	1178	1180
9/4/2019 23:00	1032	1032	1180	1183
9/5/2019 0:00	1032	1032	1179	1183
9/5/2019 1:00	1032	1032	1183	1187
9/5/2019 2:00	1032	1035	1187	1191
9/5/2019 3:00	1034	1035	1190	1193
9/5/2019 4:00	1034	1034	1186	1193
9/5/2019 5:00	1034	1034	1171	1186
9/5/2019 6:00	1034	1034	1171	1178
9/5/2019 7:00	1034	1034	1176	1178
9/5/2019 8:00	1034	1034	1172	1176
9/5/2019 9:00	1034	1034	1170	1172
9/5/2019 10:00	1034	1034	1169	1170
9/5/2019 11:00	1034	1034	1169	1169
9/5/2019 12:00	1034	1034	1168	1169
9/5/2019 13:00	1033	1034	1169	1171
9/5/2019 14:00	1033	1033	1171	1172
9/5/2019 15:00	1033	1034	1171	1172
9/5/2019 16:00	1034	1034	1171	1173
9/5/2019 17:00	1034	1034	1173	1173
9/5/2019 18:00	1034	1034	1173	1173
9/5/2019 19:00	1034	1034	1173	1173
9/5/2019 20:00	1034	1034	1173	1174
9/5/2019 21:00	1034	1034	1174	1177
9/5/2019 22:00	1034	1034	1177	1185
9/5/2019 23:00	1034	1034	1185	1185
9/6/2019 0:00	1034	1034	1185	1191
9/6/2019 1:00	1034	1034	1191	1192
9/6/2019 2:00	1034	1034	1191	1192
9/6/2019 3:00	1034	1034	1192	1196
9/6/2019 4:00	1034	1034	1196	1199
9/6/2019 5:00	1034	1034	1199	1200
9/6/2019 6:00	1034	1034	1200	1200
9/6/2019 7:00	1034	1034	1200	1200
9/6/2019 8:00	1034	1034	1200	1200
9/6/2019 9:00	1034	1034	1200	1200
9/6/2019 10:00	1034	1034	1200	1200
9/6/2019 11:00	1034	1034	1197	1200
9/6/2019 12:00	1034	1034	1191	1197
9/6/2019 13:00	1034	1034	1191	1191
9/6/2019 14:00	1034	1034	1190	1192
9/6/2019 15:00	1034	1034	1186	1190
9/6/2019 16:00	1034	1034	1182	1187
9/6/2019 17:00	1034	1034	1182	1187
9/6/2019 18:00	1034	1034	1187	1189
9/6/2019 19:00	1034	1034	1183	1189
9/6/2019 20:00	1034	1034	1179	1183
9/6/2019 21:00	1034	1034	1177	1179
9/6/2019 22:00	1034	1034	1177	1180
9/6/2019 23:00	1033	1034	1179	1181
9/7/2019 0:00	1032	1033	1179	1180
9/7/2019 1:00	1032	1032	1180	1197
9/7/2019 2:00	1032	1032	1197	1200
9/7/2019 3:00	1032	1032	1200	1200
9/7/2019 4:00	1032	1032	1200	1200
9/7/2019 5:00	1032	1032	1195	1200
9/7/2019 6:00	1032	1032	1192	1195
9/7/2019 7:00	1032	1032	1192	1192

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/7/2019 8:00	1032	1032	1192	1199
9/7/2019 9:00	1032	1032	1199	1200
9/7/2019 10:00	1032	1032	1200	1200
9/7/2019 11:00	1032	1032	1192	1200
9/7/2019 12:00	1031	1032	1184	1192
9/7/2019 13:00	1031	1031	1184	1185
9/7/2019 14:00	1030	1031	1184	1185
9/7/2019 15:00	1030	1030	1183	1184
9/7/2019 16:00	1030	1030	1183	1185
9/7/2019 17:00	1030	1030	1177	1183
9/7/2019 18:00	1030	1030	1176	1177
9/7/2019 19:00	1030	1030	1177	1179
9/7/2019 20:00	1030	1031	1177	1178
9/7/2019 21:00	1031	1032	1177	1180
9/7/2019 22:00	1032	1033	1179	1180
9/7/2019 23:00	1031	1033	1179	1180
9/8/2019 0:00	1031	1031	1180	1184
9/8/2019 1:00	1031	1031	1184	1189
9/8/2019 2:00	1031	1031	1189	1195
9/8/2019 3:00	1031	1031	1195	1200
9/8/2019 4:00	1031	1031	1200	1200
9/8/2019 5:00	1031	1031	1200	1200
9/8/2019 6:00	1031	1031	1200	1200
9/8/2019 7:00	1031	1031	1197	1200
9/8/2019 8:00	1031	1031	1193	1197
9/8/2019 9:00	1031	1031	1191	1194
9/8/2019 10:00	1031	1031	1185	1191
9/8/2019 11:00	1031	1031	1181	1185
9/8/2019 12:00	1031	1031	1180	1181
9/8/2019 13:00	1031	1031	1177	1180
9/8/2019 14:00	1031	1031	1176	1177
9/8/2019 15:00	1031	1031	1176	1177
9/8/2019 16:00	1031	1031	1177	1178
9/8/2019 17:00	1031	1031	1178	1179
9/8/2019 18:00	1031	1031	1179	1181
9/8/2019 19:00	1031	1031	1181	1182
9/8/2019 20:00	1031	1031	1181	1182
9/8/2019 21:00	1031	1031	1181	1182
9/8/2019 22:00	1031	1031	1182	1182
9/8/2019 23:00	1031	1032	1181	1182
9/9/2019 0:00	1032	1032	1181	1181
9/9/2019 1:00	1031	1032	1181	1183
9/9/2019 2:00	1031	1031	1182	1183
9/9/2019 3:00	1031	1031	1182	1183
9/9/2019 4:00	1031	1031	1182	1182
9/9/2019 5:00	1030	1031	1182	1183
9/9/2019 6:00	1030	1030	1183	1184
9/9/2019 7:00	1030	1030	1182	1184
9/9/2019 8:00	1030	1030	1184	1184
9/9/2019 9:00	1030	1030	1183	1184
9/9/2019 10:00	1030	1030	1182	1183
9/9/2019 11:00	1030	1031	1181	1182
9/9/2019 12:00	1031	1031	1180	1181
9/9/2019 13:00	1031	1035	1181	1182
9/9/2019 14:00	1035	1035	1182	1183
9/9/2019 15:00	1034	1035	1183	1185
9/9/2019 16:00	1034	1034	1184	1185
9/9/2019 17:00	1034	1034	1184	1185
9/9/2019 18:00	1034	1034	1184	1185
9/9/2019 19:00	1034	1035	1183	1184
9/9/2019 20:00	1035	1035	1183	1183
9/9/2019 21:00	1035	1035	1183	1183
9/9/2019 22:00	1035	1035	1183	1183
9/9/2019 23:00	1035	1035	1183	1184
9/10/2019 0:00	1035	1035	1183	1183
9/10/2019 1:00	1035	1035	1183	1184
9/10/2019 2:00	1035	1035	1184	1184
9/10/2019 3:00	1035	1035	1184	1186
9/10/2019 4:00	1035	1035	1186	1190
9/10/2019 5:00	1034	1035	1190	1194
9/10/2019 6:00	1034	1034	1193	1194
9/10/2019 7:00	1034	1034	1194	1197
9/10/2019 8:00	1031	1034	1196	1197
9/10/2019 9:00	1031	1031	1193	1196
9/10/2019 10:00	1031	1031	1187	1193
9/10/2019 11:00	1031	1031	1185	1187
9/10/2019 12:00	1031	1032	1185	1188
9/10/2019 13:00	1032	1033	1188	1190
9/10/2019 14:00	1032	1033	1190	1191
9/10/2019 15:00	1032	1033	1190	1191

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
9/10/2019 16:00	1033	1033	1189	1191
9/10/2019 17:00	1033	1033	1187	1189
9/10/2019 18:00	1032	1033	1186	1187
9/10/2019 19:00	1032	1032	1186	1186
9/10/2019 20:00	1032	1032	1186	1186
9/10/2019 21:00	1032	1033	1186	1187
9/10/2019 22:00	1033	1033	1187	1187
9/10/2019 23:00	1033	1033	1187	1188
9/11/2019 0:00	1032	1033	1188	1190
9/11/2019 1:00	1032	1033	1190	1190
9/11/2019 2:00	1033	1033	1190	1191
9/11/2019 3:00	1033	1033	1190	1191
9/11/2019 4:00	1033	1033	1190	1190
9/11/2019 5:00	1033	1033	1190	1191
9/11/2019 6:00	1033	1033	1190	1191
9/11/2019 7:00	1033	1033	1189	1190
9/11/2019 8:00	1033	1033	1189	1190
9/11/2019 9:00	1033	1033	1190	1190
9/11/2019 10:00	1033	1034	1189	1190
9/11/2019 11:00	1034	1034	1189	1189
9/11/2019 12:00	1034	1034	1189	1189
9/11/2019 13:00	1034	1034	1189	1189
9/11/2019 14:00	1034	1034	1189	1189
9/11/2019 15:00	1034	1034	1189	1190
9/11/2019 16:00	1034	1034	1190	1190
9/11/2019 17:00	1032	1034	1189	1190
9/11/2019 18:00	1032	1032	1188	1189
9/11/2019 19:00	1032	1032	1188	1189
9/11/2019 20:00	1032	1032	1189	1190
9/11/2019 21:00	1032	1032	1189	1190
9/11/2019 22:00	1032	1032	1186	1189
9/11/2019 23:00	1032	1032	1186	1191
9/12/2019 0:00	1032	1032	1191	1194
9/12/2019 1:00	1032	1032	1193	1195
9/12/2019 2:00	1032	1033	1195	1199
9/12/2019 3:00	1033	1033	1191	1199
9/12/2019 4:00	1033	1036	1186	1191
9/12/2019 5:00	1036	1037	1189	1193
9/12/2019 6:00	1037	1037	1193	1194
9/12/2019 7:00	1036	1037	1192	1194
9/12/2019 8:00	1036	1036	1191	1192
9/12/2019 9:00	1036	1036	1189	1191
9/12/2019 10:00	1036	1036	1185	1189
9/12/2019 11:00	1035	1036	1185	1188
9/12/2019 12:00	1035	1036	1188	1189
9/12/2019 13:00	1036	1036	1188	1189
9/12/2019 14:00	1036	1036	1188	1189
9/12/2019 15:00	1036	1038	1189	1189
9/12/2019 16:00	1038	1039	1188	1189
9/12/2019 17:00	1039	1041	1189	1189
9/12/2019 18:00	1041	1042	1189	1189
9/12/2019 19:00	1042	1042	1189	1190
9/12/2019 20:00	1042	1042	1187	1190
9/12/2019 21:00	1042	1042	1185	1189
9/12/2019 22:00	1042	1042	1189	1190
9/12/2019 23:00	1041	1042	1188	1189
9/13/2019 0:00	1038	1041	1186	1189
9/13/2019 1:00	1038	1038	1186	1186
9/13/2019 2:00	1037	1038	1184	1186
9/13/2019 3:00	1034	1037	1183	1184
9/13/2019 4:00	1034	1034	1181	1183
9/13/2019 5:00	1034	1034	1181	1182
9/13/2019 6:00	1034	1034	1182	1182
9/13/2019 7:00	1033	1034	1182	1182
9/13/2019 8:00	1033	1033	1182	1187
9/13/2019 9:00	1033	1033	1187	1187
9/13/2019 10:00	1033	1034	1187	1188
9/13/2019 11:00	1034	1035	1188	1190
9/13/2019 12:00	1035	1035	1190	1190
9/13/2019 13:00	1035	1036	1190	1190
9/13/2019 14:00	1036	1037	1190	1190
9/13/2019 15:00	1037	1038	1189	1190
9/13/2019 16:00	1038	1038	1188	1189
9/13/2019 17:00	1038	1038	1188	1190
9/13/2019 18:00	1038	1038	1189	1191
9/13/2019 19:00	1038	1038	1191	1191
9/13/2019 20:00	1038	1038	1191	1191
9/13/2019 21:00	1038	1038	1190	1191
9/13/2019 22:00	1038	1038	1190	1191
9/13/2019 23:00	1037	1038	1189	1191

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
9/14/2019 0:00	1037	1038	1190	1193
9/14/2019 1:00	1038	1038	1188	1191
9/14/2019 2:00	1038	1038	1188	1189
9/14/2019 3:00	1038	1038	1189	1191
9/14/2019 4:00	1038	1038	1189	1191
9/14/2019 5:00	1038	1038	1188	1189
9/14/2019 6:00	1038	1039	1188	1189
9/14/2019 7:00	1039	1042	1189	1191
9/14/2019 8:00	1042	1043	1190	1191
9/14/2019 9:00	1043	1043	1188	1190
9/14/2019 10:00	1042	1043	1188	1189
9/14/2019 11:00	1042	1042	1189	1190
9/14/2019 12:00	1042	1042	1190	1190
9/14/2019 13:00	1042	1042	1190	1190
9/14/2019 14:00	1042	1042	1189	1190
9/14/2019 15:00	1042	1042	1188	1189
9/14/2019 16:00	1042	1042	1188	1189
9/14/2019 17:00	1041	1042	1188	1189
9/14/2019 18:00	1041	1041	1189	1189
9/14/2019 19:00	1041	1041	1188	1189
9/14/2019 20:00	1041	1041	1188	1190
9/14/2019 21:00	1041	1041	1190	1190
9/14/2019 22:00	1041	1041	1190	1191
9/14/2019 23:00	1041	1041	1191	1192
9/15/2019 0:00	1041	1041	1192	1193
9/15/2019 1:00	1041	1041	1187	1192
9/15/2019 2:00	1041	1041	1186	1190
9/15/2019 3:00	1041	1041	1190	1192
9/15/2019 4:00	1041	1043	1192	1193
9/15/2019 5:00	1042	1043	1193	1197
9/15/2019 6:00	1040	1042	1197	1199
9/15/2019 7:00	1039	1040	1198	1199
9/15/2019 8:00	1038	1039	1197	1198
9/15/2019 9:00	1037	1038	1191	1197
9/15/2019 10:00	1036	1037	1185	1191
9/15/2019 11:00	1036	1036	1185	1189
9/15/2019 12:00	1036	1036	1189	1190
9/15/2019 13:00	1036	1037	1190	1191
9/15/2019 14:00	1037	1039	1191	1193
9/15/2019 15:00	1039	1039	1192	1193
9/15/2019 16:00	1039	1039	1191	1192
9/15/2019 17:00	1039	1039	1190	1191
9/15/2019 18:00	1039	1039	1189	1190
9/15/2019 19:00	1039	1041	1189	1189
9/15/2019 20:00	1041	1041	1189	1190
9/15/2019 21:00	1041	1041	1188	1190
9/15/2019 22:00	1040	1041	1187	1188
9/15/2019 23:00	1040	1040	1187	1189
9/16/2019 0:00	1039	1040	1189	1193
9/16/2019 1:00	1039	1039	1193	1195
9/16/2019 2:00	1039	1039	1194	1194
9/16/2019 3:00	1039	1039	1194	1198
9/16/2019 4:00	1038	1039	1198	1200
9/16/2019 5:00	1036	1038	1200	1200
9/16/2019 6:00	1035	1036	1197	1200
9/16/2019 7:00	1035	1035	1190	1197
9/16/2019 8:00	1035	1035	1186	1190
9/16/2019 9:00	1035	1035	1186	1186
9/16/2019 10:00	1035	1036	1185	1186
9/16/2019 11:00	1036	1036	1185	1193
9/16/2019 12:00	1036	1037	1193	1193
9/16/2019 13:00	1037	1038	1190	1193
9/16/2019 14:00	1038	1039	1187	1190
9/16/2019 15:00	1039	1039	1187	1188
9/16/2019 16:00	1039	1039	1187	1188
9/16/2019 17:00	1039	1039	1188	1188
9/16/2019 18:00	1039	1039	1187	1188
9/16/2019 19:00	1039	1039	1188	1188
9/16/2019 20:00	1039	1040	1188	1189
9/16/2019 21:00	1040	1040	1189	1192
9/16/2019 22:00	1040	1040	1190	1191
9/16/2019 23:00	1040	1041	1190	1191
9/17/2019 0:00	1041	1041	1191	1195
9/17/2019 1:00	1041	1041	1195	1199
9/17/2019 2:00	1040	1041	1199	1200
9/17/2019 3:00	1038	1040	1200	1200
9/17/2019 4:00	1036	1038	1200	1200
9/17/2019 5:00	1035	1036	1200	1200
9/17/2019 6:00	1034	1035	1200	1200
9/17/2019 7:00	1034	1034	1199	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/17/2019 8:00	1034	1034	1197	1199
9/17/2019 9:00	1034	1034	1189	1197
9/17/2019 10:00	1034	1036	1187	1189
9/17/2019 11:00	1036	1038	1187	1188
9/17/2019 12:00	1036	1038	1185	1188
9/17/2019 13:00	1036	1036	1184	1187
9/17/2019 14:00	1036	1037	1186	1188
9/17/2019 15:00	1037	1037	1184	1186
9/17/2019 16:00	1037	1037	1185	1187
9/17/2019 17:00	1037	1037	1186	1188
9/17/2019 18:00	1037	1037	1183	1188
9/17/2019 19:00	1037	1037	1183	1184
9/17/2019 20:00	1037	1039	1183	1184
9/17/2019 21:00	1039	1039	1183	1183
9/17/2019 22:00	1039	1042	1183	1185
9/17/2019 23:00	1042	1042	1185	1187
9/18/2019 0:00	1041	1042	1187	1190
9/18/2019 1:00	1037	1041	1190	1194
9/18/2019 2:00	1037	1037	1194	1198
9/18/2019 3:00	1036	1037	1198	1200
9/18/2019 4:00	1035	1036	1200	1200
9/18/2019 5:00	1033	1035	1200	1200
9/18/2019 6:00	1032	1033	1196	1200
9/18/2019 7:00	1032	1032	1196	1198
9/18/2019 8:00	1032	1032	1198	1199
9/18/2019 9:00	1032	1032	1199	1200
9/18/2019 10:00	1032	1032	1200	1200
9/18/2019 11:00	1032	1033	1200	1200
9/18/2019 12:00	1033	1033	1200	1200
9/18/2019 13:00	1033	1035	1200	1200
9/18/2019 14:00	1035	1044	1200	1200
9/18/2019 15:00	1042	1044	1200	1200
9/18/2019 16:00	1041	1042	1190	1200
9/18/2019 17:00	1040	1041	1190	1190
9/18/2019 18:00	1040	1041	1189	1190
9/18/2019 19:00	1040	1041	1189	1191
9/18/2019 20:00	1040	1040	1191	1192
9/18/2019 21:00	1040	1040	1191	1192
9/18/2019 22:00	1040	1040	1191	1191
9/18/2019 23:00	1040	1040	1189	1191
9/19/2019 0:00	1040	1040	1187	1189
9/19/2019 1:00	1040	1040	1189	1190
9/19/2019 2:00	1040	1040	1189	1190
9/19/2019 3:00	1040	1040	1190	1191
9/19/2019 4:00	1040	1040	1191	1195
9/19/2019 5:00	1039	1040	1194	1197
9/19/2019 6:00	1038	1039	1197	1199
9/19/2019 7:00	1037	1038	1192	1198
9/19/2019 8:00	1036	1037	1192	1195
9/19/2019 9:00	1035	1036	1194	1195
9/19/2019 10:00	1035	1035	1191	1194
9/19/2019 11:00	1035	1036	1190	1194
9/19/2019 12:00	1036	1038	1189	1195
9/19/2019 13:00	0	1039	1183	1189
9/19/2019 14:00	0	1040	1183	1192
9/19/2019 15:00	1040	1041	1192	1198
9/19/2019 16:00	1041	1041	1196	1198
9/19/2019 17:00	0	1041	1195	1196
9/19/2019 18:00	0	1040	1194	1196
9/19/2019 19:00	1040	1040	1194	1200
9/19/2019 20:00	1040	1040	1200	1200
9/19/2019 21:00	1040	1040	1200	1200
9/19/2019 22:00	1040	1041	1198	1200
9/19/2019 23:00	1041	1041	1196	1198
9/20/2019 0:00	1041	1041	1197	1199
9/20/2019 1:00	1040	1041	1198	1199
9/20/2019 2:00	1040	1041	1197	1200
9/20/2019 3:00	1041	1041	1200	1200
9/20/2019 4:00	1041	1041	1200	1200
9/20/2019 5:00	1041	1041	1200	1200
9/20/2019 6:00	1041	1041	1200	1200
9/20/2019 7:00	1041	1042	1200	1200
9/20/2019 8:00	1042	1042	1193	1200
9/20/2019 9:00	1042	1042	1185	1193
9/20/2019 10:00	1041	1042	1183	1185
9/20/2019 11:00	1040	1041	1184	1187
9/20/2019 12:00	1040	1040	1187	1191
9/20/2019 13:00	1040	1040	1190	1192
9/20/2019 14:00	1038	1040	1190	1192
9/20/2019 15:00	1037	1038	1191	1193

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/20/2019 16:00	1037	1037	1191	1192
9/20/2019 17:00	1037	1037	1192	1192
9/20/2019 18:00	1037	1038	1192	1193
9/20/2019 19:00	1038	1040	1190	1193
9/20/2019 20:00	1040	1040	1188	1190
9/20/2019 21:00	1040	1040	1188	1193
9/20/2019 22:00	1040	1040	1187	1193
9/20/2019 23:00	1040	1040	1187	1189
9/21/2019 0:00	1040	1040	1189	1192
9/21/2019 1:00	1040	1040	1192	1195
9/21/2019 2:00	1039	1040	1195	1200
9/21/2019 3:00	1039	1039	1200	1200
9/21/2019 4:00	1039	1039	1200	1200
9/21/2019 5:00	1039	1039	1200	1200
9/21/2019 6:00	1039	1039	1200	1200
9/21/2019 7:00	1037	1039	1200	1200
9/21/2019 8:00	1035	1037	1200	1200
9/21/2019 9:00	1035	1035	1193	1200
9/21/2019 10:00	1035	1035	1188	1193
9/21/2019 11:00	1035	1038	1188	1189
9/21/2019 12:00	1038	1039	1189	1190
9/21/2019 13:00	1039	1040	1190	1191
9/21/2019 14:00	1040	1040	1191	1193
9/21/2019 15:00	1040	1040	1193	1193
9/21/2019 16:00	1040	1040	1193	1195
9/21/2019 17:00	1039	1040	1195	1198
9/21/2019 18:00	1039	1039	1197	1198
9/21/2019 19:00	1038	1039	1197	1199
9/21/2019 20:00	1037	1038	1199	1200
9/21/2019 21:00	1037	1038	1198	1199
9/21/2019 22:00	1038	1038	1198	1200
9/21/2019 23:00	1038	1038	1200	1200
9/22/2019 0:00	1038	1038	1200	1200
9/22/2019 1:00	1038	1038	1200	1200
9/22/2019 2:00	1038	1038	1199	1200
9/22/2019 3:00	1038	1038	1195	1199
9/22/2019 4:00	1037	1038	1195	1198
9/22/2019 5:00	1036	1037	1198	1200
9/22/2019 6:00	1035	1036	1199	1200
9/22/2019 7:00	1035	1035	1199	1199
9/22/2019 8:00	1035	1035	1193	1199
9/22/2019 9:00	1035	1036	1189	1193
9/22/2019 10:00	1036	1038	1188	1190
9/22/2019 11:00	1038	1039	1188	1190
9/22/2019 12:00	1039	1041	1190	1191
9/22/2019 13:00	1041	1042	1191	1191
9/22/2019 14:00	1042	1042	1191	1191
9/22/2019 15:00	1042	1042	1191	1192
9/22/2019 16:00	1042	1042	1192	1195
9/22/2019 17:00	1042	1042	1188	1194
9/22/2019 18:00	1041	1042	1188	1188
9/22/2019 19:00	1039	1041	1188	1189
9/22/2019 20:00	1038	1039	1189	1191
9/22/2019 21:00	1037	1038	1191	1192
9/22/2019 22:00	1036	1037	1190	1191
9/22/2019 23:00	1036	1036	1190	1191
9/23/2019 0:00	1036	1038	1190	1191
9/23/2019 1:00	1038	1039	1190	1191
9/23/2019 2:00	1039	1040	1190	1191
9/23/2019 3:00	1040	1040	1190	1192
9/23/2019 4:00	1040	1040	1192	1195
9/23/2019 5:00	1040	1040	1192	1194
9/23/2019 6:00	1039	1040	1189	1192
9/23/2019 7:00	1039	1039	1189	1192
9/23/2019 8:00	1039	1039	1188	1192
9/23/2019 9:00	1039	1039	1186	1188
9/23/2019 10:00	1038	1039	1186	1188
9/23/2019 11:00	1037	1038	1188	1190
9/23/2019 12:00	1036	1037	1190	1190
9/23/2019 13:00	1036	1036	1189	1190
9/23/2019 14:00	1036	1037	1190	1190
9/23/2019 15:00	1037	1037	1190	1190
9/23/2019 16:00	1037	1037	1190	1190
9/23/2019 17:00	1037	1038	1190	1190
9/23/2019 18:00	1038	1038	1190	1190
9/23/2019 19:00	1038	1039	1190	1191
9/23/2019 20:00	1039	1039	1188	1191
9/23/2019 21:00	1039	1040	1190	1192
9/23/2019 22:00	1040	1040	1191	1193
9/23/2019 23:00	1040	1040	1193	1194

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/24/2019 0:00	1040	1040	1194	1196
9/24/2019 1:00	1040	1041	1196	1198
9/24/2019 2:00	1041	1041	1197	1198
9/24/2019 3:00	1040	1041	1197	1200
9/24/2019 4:00	1040	1040	1200	1200
9/24/2019 5:00	1039	1040	1200	1200
9/24/2019 6:00	1038	1039	1200	1200
9/24/2019 7:00	1038	1038	1193	1200
9/24/2019 8:00	1038	1038	1189	1193
9/24/2019 9:00	1038	1038	1185	1189
9/24/2019 10:00	1038	1038	1185	1188
9/24/2019 11:00	1038	1038	1188	1189
9/24/2019 12:00	1038	1038	1189	1190
9/24/2019 13:00	1038	1038	1190	1191
9/24/2019 14:00	1038	1038	1190	1191
9/24/2019 15:00	1038	1038	1190	1190
9/24/2019 16:00	1038	1038	1190	1191
9/24/2019 17:00	1038	1038	1191	1197
9/24/2019 18:00	1038	1038	1195	1196
9/24/2019 19:00	1038	1038	1196	1196
9/24/2019 20:00	1038	1038	1196	1198
9/24/2019 21:00	1038	1038	1198	1200
9/24/2019 22:00	1038	1038	1200	1200
9/24/2019 23:00	1038	1038	1200	1200
9/25/2019 0:00	1038	1038	1200	1200
9/25/2019 1:00	1038	1038	1200	1200
9/25/2019 2:00	1038	1038	1200	1200
9/25/2019 3:00	1038	1038	1200	1200
9/25/2019 4:00	1038	1038	1200	1200
9/25/2019 5:00	1038	1038	1200	1200
9/25/2019 6:00	1038	1038	1200	1200
9/25/2019 7:00	1038	1038	1200	1200
9/25/2019 8:00	1038	1038	1198	1200
9/25/2019 9:00	1038	1038	1189	1198
9/25/2019 10:00	1038	1038	1184	1189
9/25/2019 11:00	1038	1038	1184	1185
9/25/2019 12:00	1038	1038	1184	1187
9/25/2019 13:00	1038	1038	1187	1189
9/25/2019 14:00	1038	1038	1189	1190
9/25/2019 15:00	1038	1038	1190	1190
9/25/2019 16:00	1037	1038	1190	1191
9/25/2019 17:00	1037	1037	1190	1191
9/25/2019 18:00	1037	1037	1189	1190
9/25/2019 19:00	1037	1037	1189	1191
9/25/2019 20:00	1037	1037	1190	1191
9/25/2019 21:00	1037	1037	1190	1191
9/25/2019 22:00	1037	1037	1190	1190
9/25/2019 23:00	1037	1037	1187	1190
9/26/2019 0:00	1037	1037	1187	1190
9/26/2019 1:00	1037	1037	1188	1190
9/26/2019 2:00	1037	1037	1188	1192
9/26/2019 3:00	1037	1037	1189	1192
9/26/2019 4:00	1037	1037	1189	1192
9/26/2019 5:00	1037	1037	1192	1196
9/26/2019 6:00	1037	1037	1196	1199
9/26/2019 7:00	1037	1037	1196	1199
9/26/2019 8:00	1037	1037	1189	1196
9/26/2019 9:00	1037	1037	1186	1189
9/26/2019 10:00	1037	1037	1183	1187
9/26/2019 11:00	1037	1037	1182	1183
9/26/2019 12:00	1036	1037	1183	1186
9/26/2019 13:00	1036	1036	1186	1187
9/26/2019 14:00	1036	1036	1186	1187
9/26/2019 15:00	1036	1036	1185	1186
9/26/2019 16:00	1036	1036	1185	1186
9/26/2019 17:00	1036	1036	1186	1186
9/26/2019 18:00	1036	1036	1186	1192
9/26/2019 19:00	1036	1037	1192	1192
9/26/2019 20:00	1037	1037	1190	1192
9/26/2019 21:00	1037	1037	1190	1190
9/26/2019 22:00	1036	1037	1190	1190
9/26/2019 23:00	1036	1036	1186	1190
9/27/2019 0:00	1032	1036	1186	1193
9/27/2019 1:00	1032	1032	1193	1194
9/27/2019 2:00	1032	1032	1194	1200
9/27/2019 3:00	1032	1032	1200	1200
9/27/2019 4:00	1032	1032	1200	1200
9/27/2019 5:00	1032	1032	1200	1200
9/27/2019 6:00	1032	1032	1199	1200
9/27/2019 7:00	1032	1032	1189	1199

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/27/2019 8:00	1032	1032	1190	1193
9/27/2019 9:00	1032	1032	1193	1200
9/27/2019 10:00	1032	1032	1194	1200
9/27/2019 11:00	1032	1032	1190	1194
9/27/2019 12:00	1032	1032	1190	1190
9/27/2019 13:00	1032	1032	1188	1190
9/27/2019 14:00	1032	1032	1187	1188
9/27/2019 15:00	1032	1032	1187	1189
9/27/2019 16:00	1032	1032	1189	1190
9/27/2019 17:00	1032	1032	1189	1190
9/27/2019 18:00	1032	1032	1190	1191
9/27/2019 19:00	1032	1032	1191	1191
9/27/2019 20:00	1032	1032	1190	1191
9/27/2019 21:00	1032	1032	1190	1192
9/27/2019 22:00	1032	1032	1192	1193
9/27/2019 23:00	1032	1033	1192	1193
9/28/2019 0:00	1033	1033	1192	1195
9/28/2019 1:00	1033	1033	1194	1196
9/28/2019 2:00	1033	1033	1196	1199
9/28/2019 3:00	1033	1033	1199	1200
9/28/2019 4:00	1033	1033	1200	1200
9/28/2019 5:00	1033	1034	1200	1200
9/28/2019 6:00	1034	1034	1200	1200
9/28/2019 7:00	1034	1034	1200	1200
9/28/2019 8:00	1034	1035	1200	1200
9/28/2019 9:00	1035	1035	1200	1200
9/28/2019 10:00	1035	1036	1200	1200
9/28/2019 11:00	1036	1036	1196	1200
9/28/2019 12:00	1036	1037	1194	1196
9/28/2019 13:00	1037	1037	1190	1194
9/28/2019 14:00	1037	1037	1190	1191
9/28/2019 15:00	1037	1037	1184	1190
9/28/2019 16:00	1036	1037	1184	1191
9/28/2019 17:00	1035	1036	1191	1191
9/28/2019 18:00	1033	1035	1190	1191
9/28/2019 19:00	1031	1033	1191	1193
9/28/2019 20:00	1031	1034	1192	1193
9/28/2019 21:00	1034	1037	1191	1192
9/28/2019 22:00	1037	1040	1191	1191
9/28/2019 23:00	1035	1040	1190	1191
9/29/2019 0:00	1035	1035	1189	1191
9/29/2019 1:00	1031	1035	1189	1189
9/29/2019 2:00	1031	1031	1188	1189
9/29/2019 3:00	1031	1031	1189	1190
9/29/2019 4:00	1031	1031	1190	1190
9/29/2019 5:00	1031	1031	1190	1192
9/29/2019 6:00	1031	1031	1191	1192
9/29/2019 7:00	1031	1031	1191	1192
9/29/2019 8:00	1031	1032	1192	1193
9/29/2019 9:00	1032	1032	1193	1194
9/29/2019 10:00	1032	1032	1192	1193
9/29/2019 11:00	1032	1032	1191	1192
9/29/2019 12:00	1029	1032	1190	1191
9/29/2019 13:00	1029	1030	1190	1190
9/29/2019 14:00	1030	1032	1190	1195
9/29/2019 15:00	1032	1032	1195	1200
9/29/2019 16:00	1032	1032	1200	1200
9/29/2019 17:00	1030	1032	1200	1200
9/29/2019 18:00	1030	1030	1200	1200
9/29/2019 19:00	1030	1030	1196	1200
9/29/2019 20:00	1030	1031	1195	1196
9/29/2019 21:00	1031	1031	1194	1196
9/29/2019 22:00	1031	1032	1192	1194
9/29/2019 23:00	1031	1032	1191	1192
9/30/2019 0:00	1031	1031	1190	1191
9/30/2019 1:00	1031	1031	1190	1190
9/30/2019 2:00	1031	1031	1190	1190
9/30/2019 3:00	1031	1032	1189	1190
9/30/2019 4:00	1032	1032	1190	1192
9/30/2019 5:00	1032	1032	1191	1193
9/30/2019 6:00	1031	1032	1193	1196
9/30/2019 7:00	1031	1031	1195	1196
9/30/2019 8:00	1030	1031	1196	1197
9/30/2019 9:00	1030	1030	1197	1198
9/30/2019 10:00	1030	1030	1194	1197
9/30/2019 11:00	1030	1030	1191	1194
9/30/2019 12:00	1030	1030	1190	1191
9/30/2019 13:00	1030	1030	1189	1190
9/30/2019 14:00	1030	1030	1189	1190
9/30/2019 15:00	1030	1030	1190	1190

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/30/2019 16:00	1029	1030	1190	1192
9/30/2019 17:00	1029	1029	1192	1200
9/30/2019 18:00	1028	1029	1200	1200
9/30/2019 19:00	1028	1029	1190	1200
9/30/2019 20:00	1029	1030	1186	1190
9/30/2019 21:00	1030	1031	1186	1187
9/30/2019 22:00	1031	1032	1187	1189
9/30/2019 23:00	1032	1032	1189	1189