



825 Rice Street
Saint Paul, MN 55117

October 31, 2021

Steve Kahl, 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. Kahl:

Enclosed with this letter are Xcel Energy's natural gas heating value reports for September 2021 as required by N.D. PU-20-89.

If you need further information or clarification regarding the enclosed response, please contact Lisa Kallberg at 651-788-0648.

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
9/1/2021 0:00	1048	1049	1197	1199
9/1/2021 1:00	1049	1050	1199	1200
9/1/2021 2:00	1050	1051	1200	1200
9/1/2021 3:00	1051	1051	1200	1200
9/1/2021 4:00	1051	1053	1200	1200
9/1/2021 5:00	1053	1053	1200	1200
9/1/2021 6:00	1052	1053	1200	1200
9/1/2021 7:00	1051	1052	1200	1200
9/1/2021 8:00	1051	1051	1200	1200
9/1/2021 9:00	1049	1051	1200	1200
9/1/2021 10:00	1049	1049	1200	1200
9/1/2021 11:00	1048	1049	1200	1200
9/1/2021 12:00	1048	1048	1200	1200
9/1/2021 13:00	1047	1048	1200	1200
9/1/2021 14:00	1047	1048	1200	1200
9/1/2021 15:00	1048	1048	1199	1200
9/1/2021 16:00	1048	1048	1195	1199
9/1/2021 17:00	1048	1048	1192	1195
9/1/2021 18:00	1048	1048	1189	1192
9/1/2021 19:00	1048	1048	1187	1189
9/1/2021 20:00	1048	1048	1187	1188
9/1/2021 21:00	1048	1048	1188	1192
9/1/2021 22:00	1048	1049	1192	1197
9/1/2021 23:00	1049	1049	1197	1200
9/2/2021 0:00	1049	1049	1199	1200
9/2/2021 1:00	1049	1049	1198	1200
9/2/2021 2:00	1049	1049	1200	1200
9/2/2021 3:00	1049	1049	1200	1200
9/2/2021 4:00	1049	1049	1200	1200
9/2/2021 5:00	1049	1049	1200	1200
9/2/2021 6:00	1049	1049	1200	1200
9/2/2021 7:00	1049	1049	1200	1200
9/2/2021 8:00	1049	1049	1200	1200
9/2/2021 9:00	1048	1049	1200	1200
9/2/2021 10:00	1048	1049	1200	1200
9/2/2021 11:00	1048	1049	1200	1200
9/2/2021 12:00	1048	1048	1200	1200
9/2/2021 13:00	1048	1049	1200	1200
9/2/2021 14:00	1049	1049	1199	1200
9/2/2021 15:00	1049	1049	1195	1199
9/2/2021 16:00	1049	1049	1195	1198
9/2/2021 17:00	1049	1050	1196	1198
9/2/2021 18:00	1050	1050	1196	1198
9/2/2021 19:00	1050	1050	1198	1200
9/2/2021 20:00	1050	1050	1199	1200
9/2/2021 21:00	1049	1050	1200	1200
9/2/2021 22:00	1049	1049	1200	1200
9/2/2021 23:00	1049	1049	1200	1200
9/3/2021 0:00	1049	1049	1200	1200
9/3/2021 1:00	1049	1049	1200	1200
9/3/2021 2:00	1049	1050	1200	1200
9/3/2021 3:00	1050	1050	1200	1200
9/3/2021 4:00	1050	1050	1200	1200
9/3/2021 5:00	1050	1050	1200	1200
9/3/2021 6:00	1050	1050	1200	1200
9/3/2021 7:00	1050	1050	1200	1200
9/3/2021 8:00	1050	1050	1200	1200
9/3/2021 9:00	1050	1050	1200	1200
9/3/2021 10:00	1050	1051	1200	1200
9/3/2021 11:00	1050	1051	1200	1200
9/3/2021 12:00	1050	1050	1199	1200
9/3/2021 13:00	1050	1050	1197	1199
9/3/2021 14:00	1050	1050	1197	1198
9/3/2021 15:00	1050	1050	1197	1198
9/3/2021 16:00	1050	1050	1197	1198
9/3/2021 17:00	1050	1050	1195	1197
9/3/2021 18:00	1050	1050	1194	1195
9/3/2021 19:00	1050	1050	1194	1195
9/3/2021 20:00	1050	1050	1195	1197
9/3/2021 21:00	1050	1050	1197	1199
9/3/2021 22:00	1050	1050	1199	1200
9/3/2021 23:00	1050	1050	1198	1200

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/4/2021 0:00	1050	1050	1193	1198
9/4/2021 1:00	1050	1050	1193	1197
9/4/2021 2:00	1050	1050	1196	1200
9/4/2021 3:00	1050	1050	1200	1200
9/4/2021 4:00	1050	1050	1200	1200
9/4/2021 5:00	1050	1050	1200	1200
9/4/2021 6:00	1050	1050	1200	1200
9/4/2021 7:00	1050	1050	1200	1200
9/4/2021 8:00	1050	1050	1200	1200
9/4/2021 9:00	1050	1050	1200	1200
9/4/2021 10:00	1049	1050	1200	1200
9/4/2021 11:00	1049	1049	1200	1200
9/4/2021 12:00	1049	1049	1200	1200
9/4/2021 13:00	1049	1050	1200	1200
9/4/2021 14:00	1050	1050	1200	1200
9/4/2021 15:00	1050	1050	1197	1200
9/4/2021 16:00	1050	1050	1192	1197
9/4/2021 17:00	1050	1050	1190	1192
9/4/2021 18:00	1050	1050	1189	1190
9/4/2021 19:00	1050	1050	1185	1189
9/4/2021 20:00	1050	1050	1185	1187
9/4/2021 21:00	1050	1050	1187	1189
9/4/2021 22:00	1050	1050	1189	1189
9/4/2021 23:00	1050	1050	1189	1190
9/5/2021 0:00	1050	1050	1190	1192
9/5/2021 1:00	1050	1050	1192	1194
9/5/2021 2:00	1050	1051	1194	1197
9/5/2021 3:00	1051	1051	1197	1200
9/5/2021 4:00	1051	1051	1200	1200
9/5/2021 5:00	1051	1051	1200	1200
9/5/2021 6:00	1049	1051	1200	1200
9/5/2021 7:00	1049	1049	1200	1200
9/5/2021 8:00	1049	1049	1200	1200
9/5/2021 9:00	1049	1049	1200	1200
9/5/2021 10:00	1048	1049	1200	1200
9/5/2021 11:00	1048	1048	1200	1200
9/5/2021 12:00	1048	1049	1200	1200
9/5/2021 13:00	1049	1049	1200	1200
9/5/2021 14:00	1049	1049	1200	1200
9/5/2021 15:00	1049	1049	1200	1200
9/5/2021 16:00	1049	1049	1197	1200
9/5/2021 17:00	1049	1049	1197	1200
9/5/2021 18:00	1049	1049	1200	1200
9/5/2021 19:00	1049	1049	1200	1200
9/5/2021 20:00	1049	1049	1200	1200
9/5/2021 21:00	1049	1049	1200	1200
9/5/2021 22:00	1048	1049	1200	1200
9/5/2021 23:00	1048	1048	1200	1200
9/6/2021 0:00	1048	1048	1200	1200
9/6/2021 1:00	1048	1048	1200	1200
9/6/2021 2:00	1048	1048	1197	1200
9/6/2021 3:00	1048	1048	1197	1200
9/6/2021 4:00	1048	1049	1200	1200
9/6/2021 5:00	1048	1049	1200	1200
9/6/2021 6:00	1048	1049	1200	1200
9/6/2021 7:00	1049	1049	1200	1200
9/6/2021 8:00	1049	1049	1200	1200
9/6/2021 9:00	1049	1049	1200	1200
9/6/2021 10:00	1048	1049	1200	1200
9/6/2021 11:00	1048	1048	1200	1200
9/6/2021 12:00	1048	1048	1200	1200
9/6/2021 13:00	1048	1049	1200	1200
9/6/2021 14:00	1049	1049	1200	1200
9/6/2021 15:00	1048	1049	1200	1200
9/6/2021 16:00	1048	1049	1196	1200
9/6/2021 17:00	1049	1049	1196	1197
9/6/2021 18:00	1049	1049	1193	1197
9/6/2021 19:00	1049	1049	1191	1193
9/6/2021 20:00	1049	1049	1190	1191
9/6/2021 21:00	1049	1049	1191	1194
9/6/2021 22:00	1049	1049	1194	1197
9/6/2021 23:00	1049	1049	1197	1199
9/7/2021 0:00	1049	1049	1199	1199
9/7/2021 1:00	1049	1050	1198	1199
9/7/2021 2:00	1050	1050	1198	1199
9/7/2021 3:00	1050	1050	1199	1200
9/7/2021 4:00	1050	1050	1200	1200
9/7/2021 5:00	1050	1050	1200	1200
9/7/2021 6:00	1050	1051	1200	1200
9/7/2021 7:00	1051	1051	1200	1200

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/7/2021 8:00	1051	1051	1200	1200
9/7/2021 9:00	1051	1051	1200	1200
9/7/2021 10:00	1050	1051	1200	1200
9/7/2021 11:00	1050	1050	1200	1200
9/7/2021 12:00	1050	1051	1200	1200
9/7/2021 13:00	1050	1051	1200	1200
9/7/2021 14:00	1050	1050	1200	1200
9/7/2021 15:00	1050	1050	1200	1200
9/7/2021 16:00	1049	1050	1200	1200
9/7/2021 17:00	1049	1049	1200	1200
9/7/2021 18:00	1049	1049	1200	1200
9/7/2021 19:00	1049	1049	1200	1200
9/7/2021 20:00	1049	1049	1200	1200
9/7/2021 21:00	1049	1050	1200	1200
9/7/2021 22:00	1050	1050	1200	1200
9/7/2021 23:00	1050	1050	1200	1200
9/8/2021 0:00	1050	1050	1200	1200
9/8/2021 1:00	1050	1050	1200	1200
9/8/2021 2:00	1050	1050	1200	1200
9/8/2021 3:00	1049	1050	1200	1200
9/8/2021 4:00	1049	1049	1200	1200
9/8/2021 5:00	1049	1049	1200	1200
9/8/2021 6:00	1049	1049	1200	1200
9/8/2021 7:00	1049	1049	1200	1200
9/8/2021 8:00	1049	1050	1200	1200
9/8/2021 9:00	1050	1050	1200	1200
9/8/2021 10:00	1050	1050	1200	1200
9/8/2021 11:00	1050	1050	1200	1200
9/8/2021 12:00	1049	1050	1200	1200
9/8/2021 13:00	1049	1049	1200	1200
9/8/2021 14:00	1049	1050	1200	1200
9/8/2021 15:00	1050	1050	1199	1200
9/8/2021 16:00	1050	1050	1191	1199
9/8/2021 17:00	1049	1050	1188	1192
9/8/2021 18:00	1049	1050	1183	1188
9/8/2021 19:00	1050	1050	1181	1183
9/8/2021 20:00	1050	1051	1182	1184
9/8/2021 21:00	1051	1053	1184	1188
9/8/2021 22:00	1053	1054	1188	1193
9/8/2021 23:00	1054	1055	1193	1196
9/9/2021 0:00	1055	1056	1195	1196
9/9/2021 1:00	1056	1056	1196	1200
9/9/2021 2:00	1056	1056	1200	1200
9/9/2021 3:00	1056	1056	1200	1200
9/9/2021 4:00	1056	1056	1200	1200
9/9/2021 5:00	1055	1056	1200	1200
9/9/2021 6:00	1055	1056	1200	1200
9/9/2021 7:00	1056	1056	1200	1200
9/9/2021 8:00	1056	1057	1200	1200
9/9/2021 9:00	1056	1057	1200	1200
9/9/2021 10:00	1056	1056	1200	1200
9/9/2021 11:00	1056	1056	1200	1200
9/9/2021 12:00	1056	1056	1200	1200
9/9/2021 13:00	1055	1056	1200	1200
9/9/2021 14:00	1055	1055	1200	1200
9/9/2021 15:00	1055	1055	1200	1200
9/9/2021 16:00	1053	1055	1200	1200
9/9/2021 17:00	1053	1053	1200	1200
9/9/2021 18:00	1053	1053	1200	1200
9/9/2021 19:00	1053	1053	1200	1200
9/9/2021 20:00	1053	1053	1200	1200
9/9/2021 21:00	1052	1053	1200	1200
9/9/2021 22:00	1052	1052	1200	1200
9/9/2021 23:00	1052	1052	1200	1200
9/10/2021 0:00	1051	1052	1200	1200
9/10/2021 1:00	1051	1052	1200	1200
9/10/2021 2:00	1052	1052	1200	1200
9/10/2021 3:00	1052	1052	1200	1200
9/10/2021 4:00	1052	1052	1200	1200
9/10/2021 5:00	1052	1052	1200	1200
9/10/2021 6:00	1052	1052	1200	1200
9/10/2021 7:00	1052	1052	1200	1200
9/10/2021 8:00	1052	1053	1200	1200
9/10/2021 9:00	1053	1053	1200	1200
9/10/2021 10:00	1051	1053	1200	1200
9/10/2021 11:00	1051	1052	1200	1200
9/10/2021 12:00	1051	1052	1200	1200
9/10/2021 13:00	1051	1051	1200	1200
9/10/2021 14:00	1051	1051	1200	1200
9/10/2021 15:00	1051	1051	1196	1200

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/10/2021 16:00	1051	1051	1189	1196
9/10/2021 17:00	1050	1051	1186	1189
9/10/2021 18:00	1050	1051	1182	1186
9/10/2021 19:00	1051	1051	1177	1182
9/10/2021 20:00	1050	1051	1175	1177
9/10/2021 21:00	1050	1050	1176	1184
9/10/2021 22:00	1050	1051	1184	1189
9/10/2021 23:00	1051	1051	1189	1194
9/11/2021 0:00	1051	1051	1194	1196
9/11/2021 1:00	1050	1051	1196	1197
9/11/2021 2:00	1050	1050	1195	1196
9/11/2021 3:00	1050	1050	1195	1200
9/11/2021 4:00	1050	1050	1200	1200
9/11/2021 5:00	1050	1050	1200	1200
9/11/2021 6:00	1050	1050	1200	1200
9/11/2021 7:00	1050	1050	1200	1200
9/11/2021 8:00	1050	1050	1200	1200
9/11/2021 9:00	1050	1050	1200	1200
9/11/2021 10:00	1050	1050	1200	1200
9/11/2021 11:00	1049	1050	1200	1200
9/11/2021 12:00	1049	1049	1200	1200
9/11/2021 13:00	1049	1049	1200	1200
9/11/2021 14:00	1049	1049	1200	1200
9/11/2021 15:00	1049	1049	1200	1200
9/11/2021 16:00	1049	1049	1200	1200
9/11/2021 17:00	1049	1049	1199	1200
9/11/2021 18:00	1049	1049	1197	1199
9/11/2021 19:00	1049	1049	1199	1200
9/11/2021 20:00	1047	1049	1200	1200
9/11/2021 21:00	1047	1047	1200	1200
9/11/2021 22:00	1047	1047	1200	1200
9/11/2021 23:00	1047	1047	1200	1200
9/12/2021 0:00	1047	1047	1200	1200
9/12/2021 1:00	1046	1047	1199	1200
9/12/2021 2:00	1046	1046	1200	1200
9/12/2021 3:00	1046	1046	1200	1200
9/12/2021 4:00	1046	1046	1200	1200
9/12/2021 5:00	1046	1046	1200	1200
9/12/2021 6:00	1046	1046	1200	1200
9/12/2021 7:00	1046	1046	1200	1200
9/12/2021 8:00	1046	1046	1200	1200
9/12/2021 9:00	1046	1046	1200	1200
9/12/2021 10:00	1046	1046	1200	1200
9/12/2021 11:00	1046	1046	1200	1200
9/12/2021 12:00	1046	1046	1200	1200
9/12/2021 13:00	1046	1046	1198	1200
9/12/2021 14:00	1046	1047	1198	1200
9/12/2021 15:00	1047	1048	1200	1200
9/12/2021 16:00	1048	1048	1200	1200
9/12/2021 17:00	1048	1048	1200	1200
9/12/2021 18:00	1048	1048	1200	1200
9/12/2021 19:00	1048	1048	1200	1200
9/12/2021 20:00	1048	1048	1200	1200
9/12/2021 21:00	1047	1048	1200	1200
9/12/2021 22:00	1047	1047	1199	1200
9/12/2021 23:00	1047	1048	1199	1200
9/13/2021 0:00	1048	1048	1199	1200
9/13/2021 1:00	1048	1048	1200	1200
9/13/2021 2:00	1048	1048	1200	1200
9/13/2021 3:00	1048	1048	1200	1200
9/13/2021 4:00	1048	1048	1200	1200
9/13/2021 5:00	1048	1048	1200	1200
9/13/2021 6:00	1048	1048	1200	1200
9/13/2021 7:00	1048	1049	1200	1200
9/13/2021 8:00	1049	1049	1200	1200
9/13/2021 9:00	1049	1049	1200	1200
9/13/2021 10:00	1048	1049	1200	1200
9/13/2021 11:00	1048	1048	1200	1200
9/13/2021 12:00	1048	1048	1200	1200
9/13/2021 13:00	1048	1048	1200	1200
9/13/2021 14:00	1048	1048	1200	1200
9/13/2021 15:00	1048	1049	1200	1200
9/13/2021 16:00	1049	1049	1200	1200
9/13/2021 17:00	1049	1049	1200	1200
9/13/2021 18:00	1048	1049	1200	1200
9/13/2021 19:00	1048	1049	1200	1200
9/13/2021 20:00	1049	1049	1200	1200
9/13/2021 21:00	1049	1049	1200	1200
9/13/2021 22:00	1049	1049	1200	1200
9/13/2021 23:00	1049	1049	1200	1200

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

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/14/2021 0:00	1049	1050	1198	1200
9/14/2021 1:00	1050	1050	1192	1198
9/14/2021 2:00	1050	1050	1190	1192
9/14/2021 3:00	1050	1050	1190	1191
9/14/2021 4:00	1049	1050	1190	1191
9/14/2021 5:00	1049	1050	1191	1192
9/14/2021 6:00	1049	1050	1192	1194
9/14/2021 7:00	1049	1049	1194	1197
9/14/2021 8:00	1049	1049	1197	1200
9/14/2021 9:00	1048	1049	1200	1200
9/14/2021 10:00	1048	1048	1200	1200
9/14/2021 11:00	1048	1048	1200	1200
9/14/2021 12:00	1047	1048	1200	1200
9/14/2021 13:00	1047	1047	1198	1200
9/14/2021 14:00	1047	1047	1195	1199
9/14/2021 15:00	1047	1047	1193	1195
9/14/2021 16:00	1047	1047	1193	1193
9/14/2021 17:00	1047	1047	1193	1196
9/14/2021 18:00	1047	1049	1196	1198
9/14/2021 19:00	1049	1050	1198	1199
9/14/2021 20:00	1050	1050	1197	1199
9/14/2021 21:00	1050	1050	1197	1197
9/14/2021 22:00	1048	1050	1197	1197
9/14/2021 23:00	1048	1048	1197	1198
9/15/2021 0:00	1048	1048	1197	1198
9/15/2021 1:00	1048	1048	1197	1197
9/15/2021 2:00	1048	1048	1196	1197
9/15/2021 3:00	1048	1048	1197	1200
9/15/2021 4:00	1048	1048	1200	1200
9/15/2021 5:00	1048	1048	1200	1200
9/15/2021 6:00	1048	1048	1197	1200
9/15/2021 7:00	1048	1048	1188	1197
9/15/2021 8:00	1048	1049	1188	1190
9/15/2021 9:00	1049	1049	1190	1196
9/15/2021 10:00	1048	1049	1196	1199
9/15/2021 11:00	1048	1048	1193	1199
9/15/2021 12:00	1048	1048	1193	1196
9/15/2021 13:00	1048	1048	1194	1196
9/15/2021 14:00	1048	1048	1193	1200
9/15/2021 15:00	1048	1048	1185	1194
9/15/2021 16:00	1048	1048	1184	1185
9/15/2021 17:00	1048	1048	1140	1185
9/15/2021 18:00	1048	1048	1105	1140
9/15/2021 19:00	1048	1048	1099	1105
9/15/2021 20:00	1047	1048	1097	1099
9/15/2021 21:00	1047	1047	1097	1101
9/15/2021 22:00	1047	1047	1097	1101
9/15/2021 23:00	1047	1047	1096	1097
9/16/2021 0:00	1046	1047	1095	1096
9/16/2021 1:00	1046	1046	1093	1095
9/16/2021 2:00	1045	1046	1094	1095
9/16/2021 3:00	1045	1045	1094	1095
9/16/2021 4:00	1045	1045	1094	1094
9/16/2021 5:00	1045	1045	1094	1094
9/16/2021 6:00	1045	1045	1094	1095
9/16/2021 7:00	1045	1045	1095	1095
9/16/2021 8:00	1045	1045	1094	1095
9/16/2021 9:00	1045	1045	1094	1094
9/16/2021 10:00	1045	1045	1094	1094
9/16/2021 11:00	1045	1045	1094	1094
9/16/2021 12:00	1045	1045	1094	1095
9/16/2021 13:00	1045	1045	1095	1095
9/16/2021 14:00	1045	1046	1095	1095
9/16/2021 15:00	1046	1049	1094	1095
9/16/2021 16:00	1049	1049	1094	1095
9/16/2021 17:00	1049	1049	1094	1095
9/16/2021 18:00	1049	1050	1094	1094
9/16/2021 19:00	1050	1050	1094	1095
9/16/2021 20:00	1050	1051	1094	1095
9/16/2021 21:00	1051	1051	1094	1095
9/16/2021 22:00	1050	1051	1092	1095
9/16/2021 23:00	1050	1050	1092	1092
9/17/2021 0:00	1050	1050	1091	1092
9/17/2021 1:00	1049	1050	1091	1091
9/17/2021 2:00	1049	1050	1091	1092
9/17/2021 3:00	1050	1050	1092	1093
9/17/2021 4:00	1050	1050	1093	1093
9/17/2021 5:00	1050	1050	1093	1093
9/17/2021 6:00	1050	1050	1093	1093
9/17/2021 7:00	1050	1050	1093	1093

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/17/2021 8:00	1050	1051	1093	1093
9/17/2021 9:00	1050	1051	1093	1093
9/17/2021 10:00	1050	1050	1093	1093
9/17/2021 11:00	1050	1050	1092	1093
9/17/2021 12:00	1050	1050	1091	1092
9/17/2021 13:00	1050	1050	1091	1093
9/17/2021 14:00	1050	1050	1093	1094
9/17/2021 15:00	1050	1050	1094	1094
9/17/2021 16:00	1050	1051	1094	1097
9/17/2021 17:00	1051	1051	1097	1098
9/17/2021 18:00	1051	1052	1098	1100
9/17/2021 19:00	1052	1052	1100	1114
9/17/2021 20:00	1052	1052	1114	1150
9/17/2021 21:00	1052	1052	1150	1168
9/17/2021 22:00	1052	1052	1168	1185
9/17/2021 23:00	1050	1052	1185	1190
9/18/2021 0:00	1050	1050	1189	1193
9/18/2021 1:00	1050	1051	1193	1197
9/18/2021 2:00	1051	1051	1190	1196
9/18/2021 3:00	1051	1052	1165	1190
9/18/2021 4:00	1052	1052	1165	1169
9/18/2021 5:00	1052	1052	1165	1169
9/18/2021 6:00	1052	1052	1160	1165
9/18/2021 7:00	1052	1052	1160	1162
9/18/2021 8:00	1052	1053	1149	1162
9/18/2021 9:00	1052	1053	1139	1149
9/18/2021 10:00	1052	1052	1139	1147
9/18/2021 11:00	1052	1052	1147	1158
9/18/2021 12:00	1051	1052	1158	1164
9/18/2021 13:00	1051	1052	1164	1168
9/18/2021 14:00	1051	1052	1168	1169
9/18/2021 15:00	1051	1051	1168	1169
9/18/2021 16:00	1051	1052	1168	1170
9/18/2021 17:00	1051	1052	1170	1170
9/18/2021 18:00	1051	1051	1170	1172
9/18/2021 19:00	1051	1051	1172	1173
9/18/2021 20:00	1051	1051	1171	1172
9/18/2021 21:00	1051	1051	1171	1174
9/18/2021 22:00	1051	1051	1174	1175
9/18/2021 23:00	1051	1051	1175	1176
9/19/2021 0:00	1051	1051	1176	1176
9/19/2021 1:00	1051	1051	1176	1176
9/19/2021 2:00	1051	1052	1176	1176
9/19/2021 3:00	1052	1052	1176	1176
9/19/2021 4:00	1052	1052	1176	1179
9/19/2021 5:00	1052	1052	1179	1180
9/19/2021 6:00	1052	1052	1180	1185
9/19/2021 7:00	1051	1052	1185	1193
9/19/2021 8:00	1051	1051	1193	1200
9/19/2021 9:00	1050	1051	1199	1200
9/19/2021 10:00	1050	1050	1198	1200
9/19/2021 11:00	1050	1050	1196	1198
9/19/2021 12:00	1050	1050	1192	1196
9/19/2021 13:00	1050	1050	1191	1192
9/19/2021 14:00	1050	1050	1192	1194
9/19/2021 15:00	1050	1050	1194	1196
9/19/2021 16:00	1050	1051	1196	1197
9/19/2021 17:00	1051	1051	1197	1198
9/19/2021 18:00	1051	1051	1198	1200
9/19/2021 19:00	1051	1051	1200	1200
9/19/2021 20:00	1051	1051	1200	1200
9/19/2021 21:00	1051	1051	1200	1200
9/19/2021 22:00	1051	1051	1200	1200
9/19/2021 23:00	1050	1051	1200	1200
9/20/2021 0:00	1050	1050	1200	1200
9/20/2021 1:00	1050	1050	1200	1200
9/20/2021 2:00	1049	1050	1200	1200
9/20/2021 3:00	1049	1049	1200	1200
9/20/2021 4:00	1049	1049	1200	1200
9/20/2021 5:00	1049	1049	1200	1200
9/20/2021 6:00	1049	1049	1200	1200
9/20/2021 7:00	1049	1050	1200	1200
9/20/2021 8:00	1050	1050	1200	1200
9/20/2021 9:00	1050	1050	1200	1200
9/20/2021 10:00	1049	1050	1200	1200
9/20/2021 11:00	1048	1049	1200	1200
9/20/2021 12:00	1048	1048	1200	1200
9/20/2021 13:00	1047	1048	1200	1200
9/20/2021 14:00	1047	1047	1200	1200
9/20/2021 15:00	1047	1047	1200	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/20/2021 16:00	1047	1048	1200	1200
9/20/2021 17:00	1048	1048	1200	1200
9/20/2021 18:00	1048	1048	1200	1200
9/20/2021 19:00	1048	1049	1200	1200
9/20/2021 20:00	1049	1050	1200	1200
9/20/2021 21:00	1050	1050	1200	1200
9/20/2021 22:00	1050	1050	1200	1200
9/20/2021 23:00	1050	1050	1200	1200
9/21/2021 0:00	1049	1050	1200	1200
9/21/2021 1:00	1049	1049	1200	1200
9/21/2021 2:00	1049	1050	1200	1200
9/21/2021 3:00	1050	1050	1200	1200
9/21/2021 4:00	1050	1051	1200	1200
9/21/2021 5:00	1051	1052	1200	1200
9/21/2021 6:00	1052	1053	1200	1200
9/21/2021 7:00	1053	1053	1200	1200
9/21/2021 8:00	1053	1053	1200	1200
9/21/2021 9:00	1053	1053	1200	1200
9/21/2021 10:00	1052	1053	1200	1200
9/21/2021 11:00	1052	1053	1200	1200
9/21/2021 12:00	1053	1053	1200	1200
9/21/2021 13:00	1053	1053	1199	1200
9/21/2021 14:00	1053	1054	1194	1199
9/21/2021 15:00	1053	1054	1194	1197
9/21/2021 16:00	1053	1053	1197	1200
9/21/2021 17:00	1053	1053	1200	1200
9/21/2021 18:00	1053	1055	1200	1200
9/21/2021 19:00	1055	1056	1200	1200
9/21/2021 20:00	1056	1056	1200	1200
9/21/2021 21:00	1056	1056	1200	1200
9/21/2021 22:00	1054	1056	1200	1200
9/21/2021 23:00	1053	1054	1200	1200
9/22/2021 0:00	1052	1053	1200	1200
9/22/2021 1:00	1052	1052	1200	1200
9/22/2021 2:00	1052	1052	1200	1200
9/22/2021 3:00	1051	1052	1200	1200
9/22/2021 4:00	1051	1051	1200	1200
9/22/2021 5:00	1050	1051	1200	1200
9/22/2021 6:00	1050	1050	1200	1200
9/22/2021 7:00	1050	1050	1200	1200
9/22/2021 8:00	1050	1050	1200	1200
9/22/2021 9:00	1050	1050	1200	1200
9/22/2021 10:00	1050	1050	1200	1200
9/22/2021 11:00	1050	1050	1200	1200
9/22/2021 12:00	1050	1051	1200	1200
9/22/2021 13:00	1051	1053	1200	1200
9/22/2021 14:00	1052	1053	1200	1200
9/22/2021 15:00	1051	1052	1200	1200
9/22/2021 16:00	1050	1051	1200	1200
9/22/2021 17:00	1049	1050	1200	1200
9/22/2021 18:00	1049	1050	1200	1200
9/22/2021 19:00	1050	1052	1200	1200
9/22/2021 20:00	1052	1052	1200	1200
9/22/2021 21:00	1050	1052	1200	1200
9/22/2021 22:00	1050	1050	1200	1200
9/22/2021 23:00	1050	1050	1200	1200
9/23/2021 0:00	1050	1051	1200	1200
9/23/2021 1:00	1051	1052	1200	1200
9/23/2021 2:00	1051	1052	1200	1200
9/23/2021 3:00	1051	1052	1200	1200
9/23/2021 4:00	1051	1052	1200	1200
9/23/2021 5:00	1051	1052	1200	1200
9/23/2021 6:00	1051	1052	1200	1200
9/23/2021 7:00	1051	1051	1200	1200
9/23/2021 8:00	1051	1052	1200	1200
9/23/2021 9:00	1051	1052	1200	1200
9/23/2021 10:00	1051	1051	1200	1200
9/23/2021 11:00	1050	1051	1200	1200
9/23/2021 12:00	1050	1050	1200	1200
9/23/2021 13:00	1050	1050	1200	1200
9/23/2021 14:00	1050	1050	1197	1200
9/23/2021 15:00	1050	1050	1197	1198
9/23/2021 16:00	1050	1051	1198	1200
9/23/2021 17:00	1051	1051	1198	1200
9/23/2021 18:00	1050	1051	1200	1200
9/23/2021 19:00	1050	1050	1200	1200
9/23/2021 20:00	1050	1050	1200	1200
9/23/2021 21:00	1050	1052	1200	1200
9/23/2021 22:00	1052	1052	1200	1200
9/23/2021 23:00	1052	1052	1200	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/24/2021 0:00	1052	1052	1200	1200
9/24/2021 1:00	1052	1052	1200	1200
9/24/2021 2:00	1052	1052	1200	1200
9/24/2021 3:00	1052	1052	1200	1200
9/24/2021 4:00	1052	1052	1200	1200
9/24/2021 5:00	1052	1052	1200	1200
9/24/2021 6:00	1051	1052	1200	1200
9/24/2021 7:00	1050	1051	1200	1200
9/24/2021 8:00	1048	1050	1200	1200
9/24/2021 9:00	1048	1048	1200	1200
9/24/2021 10:00	1047	1048	1200	1200
9/24/2021 11:00	1046	1047	1200	1200
9/24/2021 12:00	1044	1046	1200	1200
9/24/2021 13:00	1044	1044	1199	1200
9/24/2021 14:00	1044	1044	1199	1200
9/24/2021 15:00	1044	1045	1200	1200
9/24/2021 16:00	1045	1045	1200	1200
9/24/2021 17:00	1045	1046	1200	1200
9/24/2021 18:00	1046	1047	1200	1200
9/24/2021 19:00	1047	1049	1200	1200
9/24/2021 20:00	1049	1049	1200	1200
9/24/2021 21:00	1049	1051	1200	1200
9/24/2021 22:00	1051	1052	1200	1200
9/24/2021 23:00	1052	1052	1200	1200
9/25/2021 0:00	1052	1053	1200	1200
9/25/2021 1:00	1053	1053	1200	1200
9/25/2021 2:00	1053	1053	1200	1200
9/25/2021 3:00	1053	1053	1200	1200
9/25/2021 4:00	1053	1054	1200	1200
9/25/2021 5:00	1054	1054	1200	1200
9/25/2021 6:00	1054	1055	1200	1200
9/25/2021 7:00	1054	1055	1200	1200
9/25/2021 8:00	1054	1054	1200	1200
9/25/2021 9:00	1054	1054	1200	1200
9/25/2021 10:00	1054	1054	1200	1200
9/25/2021 11:00	1054	1055	1200	1200
9/25/2021 12:00	1055	1055	1200	1200
9/25/2021 13:00	1054	1055	1200	1200
9/25/2021 14:00	1054	1055	1200	1200
9/25/2021 15:00	1054	1055	1200	1200
9/25/2021 16:00	1054	1054	1200	1200
9/25/2021 17:00	1054	1055	1200	1200
9/25/2021 18:00	1055	1055	1200	1200
9/25/2021 19:00	1055	1055	1200	1200
9/25/2021 20:00	1055	1055	1200	1200
9/25/2021 21:00	1055	1055	1200	1200
9/25/2021 22:00	1055	1055	1200	1200
9/25/2021 23:00	1055	1055	1200	1200
9/26/2021 0:00	1055	1056	1200	1200
9/26/2021 1:00	1056	1056	1200	1200
9/26/2021 2:00	1056	1057	1200	1200
9/26/2021 3:00	1056	1057	1200	1200
9/26/2021 4:00	1056	1057	1200	1200
9/26/2021 5:00	1057	1057	1200	1200
9/26/2021 6:00	1057	1057	1200	1200
9/26/2021 7:00	1057	1057	1200	1200
9/26/2021 8:00	1057	1057	1200	1200
9/26/2021 9:00	1057	1057	1200	1200
9/26/2021 10:00	1057	1057	1200	1200
9/26/2021 11:00	1057	1057	1200	1200
9/26/2021 12:00	1056	1057	1200	1200
9/26/2021 13:00	1056	1057	1198	1200
9/26/2021 14:00	1056	1057	1197	1198
9/26/2021 15:00	1056	1057	1195	1198
9/26/2021 16:00	1057	1057	1196	1197
9/26/2021 17:00	1057	1057	1197	1199
9/26/2021 18:00	1057	1057	1199	1200
9/26/2021 19:00	1057	1057	1200	1200
9/26/2021 20:00	1057	1057	1200	1200
9/26/2021 21:00	1057	1058	1200	1200
9/26/2021 22:00	1058	1058	1200	1200
9/26/2021 23:00	1057	1058	1200	1200
9/27/2021 0:00	1057	1058	1200	1200
9/27/2021 1:00	1058	1058	1200	1200
9/27/2021 2:00	1057	1058	1200	1200
9/27/2021 3:00	1057	1057	1200	1200
9/27/2021 4:00	1057	1058	1200	1200
9/27/2021 5:00	1057	1058	1200	1200
9/27/2021 6:00	1057	1057	1200	1200
9/27/2021 7:00	1057	1057	1200	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
9/27/2021 8:00	1057	1057	1200	1200
9/27/2021 9:00	1057	1058	1200	1200
9/27/2021 10:00	1058	1058	1200	1200
9/27/2021 11:00	1057	1058	1200	1200
9/27/2021 12:00	1057	1058	1199	1200
9/27/2021 13:00	1058	1059	1197	1200
9/27/2021 14:00	1059	1059	1197	1199
9/27/2021 15:00	1058	1059	1198	1199
9/27/2021 16:00	1058	1058	1196	1198
9/27/2021 17:00	1057	1058	1194	1196
9/27/2021 18:00	1057	1058	1193	1194
9/27/2021 19:00	1057	1058	1193	1194
9/27/2021 20:00	1057	1057	1192	1193
9/27/2021 21:00	1057	1057	1189	1192
9/27/2021 22:00	1057	1057	1189	1189
9/27/2021 23:00	1057	1057	1189	1189
9/28/2021 0:00	1057	1057	1188	1190
9/28/2021 1:00	1057	1057	1188	1194
9/28/2021 2:00	1057	1057	1194	1199
9/28/2021 3:00	1057	1057	1199	1200
9/28/2021 4:00	1057	1057	1200	1200
9/28/2021 5:00	1057	1057	1200	1200
9/28/2021 6:00	1057	1057	1200	1200
9/28/2021 7:00	1056	1057	1200	1200
9/28/2021 8:00	1056	1057	1200	1200
9/28/2021 9:00	1057	1058	1200	1200
9/28/2021 10:00	1057	1058	1200	1200
9/28/2021 11:00	1057	1057	1200	1200
9/28/2021 12:00	1057	1057	1200	1200
9/28/2021 13:00	1057	1057	1200	1200
9/28/2021 14:00	1056	1057	1200	1200
9/28/2021 15:00	1056	1057	1200	1200
9/28/2021 16:00	1056	1057	1200	1200
9/28/2021 17:00	1056	1057	1200	1200
9/28/2021 18:00	1057	1058	1200	1200
9/28/2021 19:00	1058	1058	1200	1200
9/28/2021 20:00	1058	1059	1200	1200
9/28/2021 21:00	1058	1059	1200	1200
9/28/2021 22:00	1058	1059	1200	1200
9/28/2021 23:00	1059	1059	1200	1200
9/29/2021 0:00	1059	1059	1200	1200
9/29/2021 1:00	1058	1059	1200	1200
9/29/2021 2:00	1058	1059	1200	1200
9/29/2021 3:00	1058	1059	1200	1200
9/29/2021 4:00	1057	1058	1200	1200
9/29/2021 5:00	1057	1058	1200	1200
9/29/2021 6:00	1057	1058	1200	1200
9/29/2021 7:00	1057	1058	1200	1200
9/29/2021 8:00	1058	1058	1200	1200
9/29/2021 9:00	1058	1058	1200	1200
9/29/2021 10:00	1057	1058	1200	1200
9/29/2021 11:00	1057	1057	1200	1200
9/29/2021 12:00	1057	1057	1200	1200
9/29/2021 13:00	1057	1057	1200	1200
9/29/2021 14:00	1057	1058	1200	1200
9/29/2021 15:00	1058	1058	1200	1200
9/29/2021 16:00	1057	1058	1200	1200
9/29/2021 17:00	1057	1057	1200	1200
9/29/2021 18:00	1057	1058	1200	1200
9/29/2021 19:00	1057	1058	1200	1200
9/29/2021 20:00	1057	1058	1200	1200
9/29/2021 21:00	1058	1060	1199	1200
9/29/2021 22:00	1060	1060	1197	1199
9/29/2021 23:00	1060	1063	1195	1197
9/30/2021 0:00	1063	1065	1195	1196
9/30/2021 1:00	1065	1067	1193	1196
9/30/2021 2:00	1067	1069	1193	1194
9/30/2021 3:00	1069	1070	1194	1196
9/30/2021 4:00	1070	1072	1196	1200
9/30/2021 5:00	1072	1072	1200	1200
9/30/2021 6:00	1072	1073	1200	1200
9/30/2021 7:00	1073	1074	1200	1200
9/30/2021 8:00	1072	1074	1200	1200
9/30/2021 9:00	1071	1072	1200	1200
9/30/2021 10:00	1071	1071	1200	1200
9/30/2021 11:00	1071	1072	1200	1200
9/30/2021 12:00	1072	1074	1200	1200
9/30/2021 13:00	1073	1074	1200	1200
9/30/2021 14:00	1073	1074	1200	1200
9/30/2021 15:00	1074	1074	1200	1200
9/30/2021 16:00	1074	1074	1200	1200
9/30/2021 17:00	1074	1074	1200	1200
9/30/2021 18:00	1074	1074	1200	1200
9/30/2021 19:00	1073	1074	1200	1200
9/30/2021 20:00	1072	1073	1200	1200
9/30/2021 21:00	1071	1072	1200	1200
9/30/2021 22:00	1071	1071	1200	1200
9/30/2021 23:00	1069	1071	1199	1200