



825 Rice Street
Saint Paul, MN 55117

September 28, 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 August 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
8/1/2021 0:00	1033	1033	1200	1200
8/1/2021 1:00	1033	1033	1200	1200
8/1/2021 2:00	1033	1033	1200	1200
8/1/2021 3:00	1033	1033	1200	1200
8/1/2021 4:00	1033	1034	1200	1200
8/1/2021 5:00	1034	1034	1200	1200
8/1/2021 6:00	1033	1034	1200	1200
8/1/2021 7:00	1033	1033	1200	1200
8/1/2021 8:00	1033	1033	1200	1200
8/1/2021 9:00	1033	1033	1200	1200
8/1/2021 10:00	1033	1033	1200	1200
8/1/2021 11:00	1033	1033	1200	1200
8/1/2021 12:00	1033	1033	1200	1200
8/1/2021 13:00	1033	1033	1200	1200
8/1/2021 14:00	1033	1033	1200	1200
8/1/2021 15:00	1033	1033	1200	1200
8/1/2021 16:00	1033	1033	1200	1200
8/1/2021 17:00	1033	1033	1200	1200
8/1/2021 18:00	1033	1033	1200	1200
8/1/2021 19:00	1033	1033	1200	1200
8/1/2021 20:00	1033	1033	1200	1200
8/1/2021 21:00	1033	1033	1200	1200
8/1/2021 22:00	1033	1033	1200	1200
8/1/2021 23:00	1032	1033	1200	1200
8/2/2021 0:00	1032	1032	1200	1200
8/2/2021 1:00	1032	1032	1194	1200
8/2/2021 2:00	1032	1032	1194	1197
8/2/2021 3:00	1032	1032	1197	1200
8/2/2021 4:00	1032	1033	1200	1200
8/2/2021 5:00	1033	1033	1200	1200
8/2/2021 6:00	1033	1034	1200	1200
8/2/2021 7:00	1034	1034	1200	1200
8/2/2021 8:00	1034	1034	1200	1200
8/2/2021 9:00	1034	1034	1200	1200
8/2/2021 10:00	1034	1034	1200	1200
8/2/2021 11:00	1033	1034	1200	1200
8/2/2021 12:00	1033	1033	1200	1200
8/2/2021 13:00	1033	1033	1200	1200
8/2/2021 14:00	1032	1033	1200	1200
8/2/2021 15:00	1032	1032	1200	1200
8/2/2021 16:00	1032	1032	1197	1200
8/2/2021 17:00	1032	1032	1198	1199
8/2/2021 18:00	1032	1032	1199	1200
8/2/2021 19:00	1032	1032	1200	1200
8/2/2021 20:00	1032	1032	1199	1200
8/2/2021 21:00	1032	1032	1199	1200
8/2/2021 22:00	1032	1032	1200	1200
8/2/2021 23:00	1032	1032	1198	1200
8/3/2021 0:00	1032	1032	1198	1199
8/3/2021 1:00	1032	1032	1199	1200
8/3/2021 2:00	1032	1032	1200	1200
8/3/2021 3:00	1032	1032	1200	1200
8/3/2021 4:00	1032	1032	1200	1200
8/3/2021 5:00	1032	1032	1200	1200
8/3/2021 6:00	1032	1032	1200	1200
8/3/2021 7:00	1032	1032	1200	1200
8/3/2021 8:00	1032	1032	1200	1200
8/3/2021 9:00	1032	1032	1200	1200
8/3/2021 10:00	1032	1032	1200	1200
8/3/2021 11:00	1032	1032	1200	1200
8/3/2021 12:00	1032	1032	1200	1200
8/3/2021 13:00	1032	1032	1200	1200
8/3/2021 14:00	1032	1032	1200	1200
8/3/2021 15:00	1032	1032	1200	1200
8/3/2021 16:00	1032	1032	1200	1200
8/3/2021 17:00	1032	1032	1200	1200
8/3/2021 18:00	1032	1032	1200	1200
8/3/2021 19:00	1032	1032	1200	1200
8/3/2021 20:00	1032	1032	1200	1200
8/3/2021 21:00	1032	1032	1200	1200
8/3/2021 22:00	1032	1032	1200	1200
8/3/2021 23:00	1032	1032	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
8/4/2021 0:00	1032	1032	1200	1200
8/4/2021 1:00	1032	1032	1200	1200
8/4/2021 2:00	1032	1032	1200	1200
8/4/2021 3:00	1032	1032	1200	1200
8/4/2021 4:00	1032	1032	1200	1200
8/4/2021 5:00	1032	1032	1200	1200
8/4/2021 6:00	1032	1032	1200	1200
8/4/2021 7:00	1032	1032	1200	1200
8/4/2021 8:00	1032	1032	1200	1200
8/4/2021 9:00	1032	1032	1200	1200
8/4/2021 10:00	1032	1032	1200	1200
8/4/2021 11:00	1032	1032	1200	1200
8/4/2021 12:00	1032	1032	1200	1200
8/4/2021 13:00	1032	1032	1200	1200
8/4/2021 14:00	1032	1032	1200	1200
8/4/2021 15:00	1032	1032	1200	1200
8/4/2021 16:00	1032	1032	1200	1200
8/4/2021 17:00	1032	1032	1200	1200
8/4/2021 18:00	1032	1032	1200	1200
8/4/2021 19:00	1032	1032	1200	1200
8/4/2021 20:00	1032	1032	1200	1200
8/4/2021 21:00	1032	1032	1200	1200
8/4/2021 22:00	1032	1032	1192	1200
8/4/2021 23:00	1032	1032	1185	1192
8/5/2021 0:00	1032	1032	1183	1185
8/5/2021 1:00	1032	1032	1183	1185
8/5/2021 2:00	1032	1032	1185	1188
8/5/2021 3:00	1032	1032	1188	1192
8/5/2021 4:00	1032	1032	1192	1197
8/5/2021 5:00	1032	1032	1197	1200
8/5/2021 6:00	1032	1032	1200	1200
8/5/2021 7:00	1032	1032	1200	1200
8/5/2021 8:00	1032	1032	1200	1200
8/5/2021 9:00	1032	1032	1200	1200
8/5/2021 10:00	1032	1032	1200	1200
8/5/2021 11:00	1032	1032	1200	1200
8/5/2021 12:00	1032	1032	1200	1200
8/5/2021 13:00	1032	1032	1200	1200
8/5/2021 14:00	1032	1032	1200	1200
8/5/2021 15:00	1032	1032	1197	1200
8/5/2021 16:00	1032	1032	1196	1197
8/5/2021 17:00	1032	1032	1196	1197
8/5/2021 18:00	1032	1032	1197	1198
8/5/2021 19:00	1032	1032	1197	1198
8/5/2021 20:00	1032	1032	1198	1199
8/5/2021 21:00	1032	1032	1199	1200
8/5/2021 22:00	1032	1032	1200	1200
8/5/2021 23:00	1032	1032	1200	1200
8/6/2021 0:00	1032	1032	1200	1200
8/6/2021 1:00	1032	1032	1196	1200
8/6/2021 2:00	1032	1032	1196	1197
8/6/2021 3:00	1032	1032	1197	1200
8/6/2021 4:00	1032	1032	1200	1200
8/6/2021 5:00	1032	1032	1200	1200
8/6/2021 6:00	1032	1032	1200	1200
8/6/2021 7:00	1032	1032	1200	1200
8/6/2021 8:00	1032	1032	1200	1200
8/6/2021 9:00	1032	1032	1200	1200
8/6/2021 10:00	1032	1032	1200	1200
8/6/2021 11:00	1032	1032	1200	1200
8/6/2021 12:00	1032	1032	1200	1200
8/6/2021 13:00	1032	1032	1200	1200
8/6/2021 14:00	1032	1032	1200	1200
8/6/2021 15:00	1032	1032	1200	1200
8/6/2021 16:00	1032	1032	1200	1200
8/6/2021 17:00	1032	1032	1200	1200
8/6/2021 18:00	1032	1032	1196	1200
8/6/2021 19:00	1032	1032	1194	1196
8/6/2021 20:00	1032	1032	1195	1197
8/6/2021 21:00	1032	1032	1195	1197
8/6/2021 22:00	1032	1032	1195	1198
8/6/2021 23:00	1032	1032	1198	1199
8/7/2021 0:00	1032	1032	1198	1199
8/7/2021 1:00	1032	1032	1198	1198
8/7/2021 2:00	1032	1032	1195	1198
8/7/2021 3:00	1032	1032	1195	1195
8/7/2021 4:00	1032	1032	1195	1196
8/7/2021 5:00	1032	1032	1196	1198
8/7/2021 6:00	1032	1032	1197	1198
8/7/2021 7:00	1032	1032	1195	1197

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
8/7/2021 8:00	1032	1032	1193	1195
8/7/2021 9:00	1032	1032	1193	1194
8/7/2021 10:00	1032	1032	1194	1194
8/7/2021 11:00	1032	1032	1194	1196
8/7/2021 12:00	1032	1032	1196	1199
8/7/2021 13:00	1032	1032	1197	1200
8/7/2021 14:00	1032	1032	1200	1200
8/7/2021 15:00	1032	1032	1200	1200
8/7/2021 16:00	1032	1032	1200	1200
8/7/2021 17:00	1032	1032	1200	1200
8/7/2021 18:00	1032	1032	1200	1200
8/7/2021 19:00	1032	1032	1200	1200
8/7/2021 20:00	1032	1032	1200	1200
8/7/2021 21:00	1032	1032	1200	1200
8/7/2021 22:00	1032	1032	1200	1200
8/7/2021 23:00	1032	1032	1200	1200
8/8/2021 0:00	1032	1032	1200	1200
8/8/2021 1:00	1032	1032	1200	1200
8/8/2021 2:00	1032	1032	1196	1200
8/8/2021 3:00	1032	1032	1196	1197
8/8/2021 4:00	1032	1032	1196	1197
8/8/2021 5:00	1032	1032	1197	1199
8/8/2021 6:00	1032	1032	1199	1200
8/8/2021 7:00	1032	1032	1200	1200
8/8/2021 8:00	1032	1032	1200	1200
8/8/2021 9:00	1032	1032	1200	1200
8/8/2021 10:00	1032	1032	1200	1200
8/8/2021 11:00	1032	1032	1200	1200
8/8/2021 12:00	1032	1032	1200	1200
8/8/2021 13:00	1032	1032	1200	1200
8/8/2021 14:00	1032	1032	1200	1200
8/8/2021 15:00	1032	1032	1200	1200
8/8/2021 16:00	1032	1032	1200	1200
8/8/2021 17:00	1032	1032	1200	1200
8/8/2021 18:00	1032	1032	1200	1200
8/8/2021 19:00	1032	1032	1200	1200
8/8/2021 20:00	1032	1032	1200	1200
8/8/2021 21:00	1032	1032	1200	1200
8/8/2021 22:00	1032	1032	1200	1200
8/8/2021 23:00	1032	1032	1200	1200
8/9/2021 0:00	1032	1032	1200	1200
8/9/2021 1:00	1032	1032	1200	1200
8/9/2021 2:00	1032	1032	1200	1200
8/9/2021 3:00	1032	1032	1200	1200
8/9/2021 4:00	1032	1032	1200	1200
8/9/2021 5:00	1032	1032	1199	1200
8/9/2021 6:00	1032	1032	1200	1200
8/9/2021 7:00	1032	1032	1200	1200
8/9/2021 8:00	1032	1032	1200	1200
8/9/2021 9:00	1032	1032	1200	1200
8/9/2021 10:00	1032	1032	1200	1200
8/9/2021 11:00	1032	1032	1200	1200
8/9/2021 12:00	1032	1032	1200	1200
8/9/2021 13:00	1032	1032	1199	1200
8/9/2021 14:00	1032	1032	1197	1199
8/9/2021 15:00	1032	1032	1195	1197
8/9/2021 16:00	1032	1032	1194	1195
8/9/2021 17:00	1032	1032	1194	1196
8/9/2021 18:00	1032	1032	1196	1198
8/9/2021 19:00	1032	1032	1198	1199
8/9/2021 20:00	1032	1032	1197	1199
8/9/2021 21:00	1032	1032	1196	1197
8/9/2021 22:00	1032	1032	1196	1196
8/9/2021 23:00	1032	1032	1196	1197
8/10/2021 0:00	1032	1032	1196	1196
8/10/2021 1:00	1032	1032	1196	1197
8/10/2021 2:00	1032	1032	1196	1197
8/10/2021 3:00	1032	1032	1196	1200
8/10/2021 4:00	1032	1032	1200	1200
8/10/2021 5:00	1032	1032	1200	1200
8/10/2021 6:00	1032	1032	1199	1200
8/10/2021 7:00	1032	1032	1197	1199
8/10/2021 8:00	1032	1032	1197	1197
8/10/2021 9:00	1032	1032	1197	1197
8/10/2021 10:00	1032	1032	1196	1197
8/10/2021 11:00	1032	1032	1194	1196
8/10/2021 12:00	1032	1032	1194	1194
8/10/2021 13:00	1032	1032	1194	1194
8/10/2021 14:00	1032	1032	1194	1194
8/10/2021 15:00	1032	1032	1194	1195

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
8/10/2021 16:00	1032	1042	1195	1195
8/10/2021 17:00	1042	1042	1195	1196
8/10/2021 18:00	1042	1042	1196	1197
8/10/2021 19:00	1042	1042	1195	1197
8/10/2021 20:00	1042	1042	1195	1195
8/10/2021 21:00	1042	1042	1195	1196
8/10/2021 22:00	1042	1042	1196	1197
8/10/2021 23:00	1042	1042	1197	1198
8/11/2021 0:00	1042	1042	1198	1200
8/11/2021 1:00	1042	1042	1200	1200
8/11/2021 2:00	1042	1042	1200	1200
8/11/2021 3:00	1042	1042	1200	1200
8/11/2021 4:00	1042	1042	1200	1200
8/11/2021 5:00	1042	1042	1199	1200
8/11/2021 6:00	1042	1042	1199	1200
8/11/2021 7:00	1042	1042	1200	1200
8/11/2021 8:00	1042	1042	1200	1200
8/11/2021 9:00	1042	1042	1200	1200
8/11/2021 10:00	1042	1042	1200	1200
8/11/2021 11:00	1042	1042	1200	1200
8/11/2021 12:00	1042	1042	1200	1200
8/11/2021 13:00	1042	1042	1200	1200
8/11/2021 14:00	1042	1042	1200	1200
8/11/2021 15:00	1042	1042	1200	1200
8/11/2021 16:00	1042	1042	1200	1200
8/11/2021 17:00	1042	1042	1200	1200
8/11/2021 18:00	1042	1042	1200	1200
8/11/2021 19:00	1042	1042	1200	1200
8/11/2021 20:00	1042	1043	1200	1200
8/11/2021 21:00	1043	1043	1200	1200
8/11/2021 22:00	1043	1043	1200	1200
8/11/2021 23:00	1043	1043	1200	1200
8/12/2021 0:00	1043	1043	1200	1200
8/12/2021 1:00	1043	1043	1198	1200
8/12/2021 2:00	1043	1043	1197	1198
8/12/2021 3:00	1043	1043	1197	1197
8/12/2021 4:00	1043	1043	1197	1197
8/12/2021 5:00	1043	1043	1197	1199
8/12/2021 6:00	1043	1043	1198	1200
8/12/2021 7:00	1043	1043	1197	1198
8/12/2021 8:00	1043	1043	1198	1198
8/12/2021 9:00	1043	1043	1198	1200
8/12/2021 10:00	1042	1043	1200	1200
8/12/2021 11:00	1042	1042	1200	1200
8/12/2021 12:00	1042	1042	1200	1200
8/12/2021 13:00	1042	1042	1200	1200
8/12/2021 14:00	1042	1042	1200	1200
8/12/2021 15:00	1042	1042	1200	1200
8/12/2021 16:00	1042	1042	1200	1200
8/12/2021 17:00	1042	1042	1200	1200
8/12/2021 18:00	1042	1042	1200	1200
8/12/2021 19:00	1042	1042	1200	1200
8/12/2021 20:00	1042	1042	1200	1200
8/12/2021 21:00	1042	1042	1200	1200
8/12/2021 22:00	1042	1042	1200	1200
8/12/2021 23:00	1042	1042	1200	1200
8/13/2021 0:00	1042	1042	1200	1200
8/13/2021 1:00	1042	1042	1200	1200
8/13/2021 2:00	1042	1042	1197	1200
8/13/2021 3:00	1042	1042	1197	1200
8/13/2021 4:00	1042	1042	1200	1200
8/13/2021 5:00	1042	1042	1200	1200
8/13/2021 6:00	1042	1042	1200	1200
8/13/2021 7:00	1042	1042	1200	1200
8/13/2021 8:00	1042	1042	1200	1200
8/13/2021 9:00	1042	1042	1200	1200
8/13/2021 10:00	1042	1042	1200	1200
8/13/2021 11:00	1042	1042	1200	1200
8/13/2021 12:00	1042	1042	1200	1200
8/13/2021 13:00	1042	1042	1200	1200
8/13/2021 14:00	1042	1042	1200	1200
8/13/2021 15:00	1042	1042	1200	1200
8/13/2021 16:00	1042	1042	1200	1200
8/13/2021 17:00	1042	1042	1200	1200
8/13/2021 18:00	1042	1042	1200	1200
8/13/2021 19:00	1042	1042	1200	1200
8/13/2021 20:00	1042	1042	1200	1200
8/13/2021 21:00	1042	1042	1200	1200
8/13/2021 22:00	1042	1042	1200	1200
8/13/2021 23:00	1042	1042	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
8/14/2021 0:00	1042	1042	1200	1200
8/14/2021 1:00	1042	1042	1200	1200
8/14/2021 2:00	1042	1042	1200	1200
8/14/2021 3:00	1042	1042	1200	1200
8/14/2021 4:00	1042	1043	1200	1200
8/14/2021 5:00	1043	1043	1200	1200
8/14/2021 6:00	1043	1043	1200	1200
8/14/2021 7:00	1042	1043	1199	1200
8/14/2021 8:00	1042	1042	1198	1199
8/14/2021 9:00	1042	1042	1195	1199
8/14/2021 10:00	1042	1042	1192	1195
8/14/2021 11:00	1042	1042	1192	1194
8/14/2021 12:00	1042	1042	1194	1196
8/14/2021 13:00	1042	1042	1195	1196
8/14/2021 14:00	1042	1042	1196	1200
8/14/2021 15:00	1042	1042	1200	1200
8/14/2021 16:00	1042	1042	1200	1200
8/14/2021 17:00	1042	1042	1200	1200
8/14/2021 18:00	1042	1042	1200	1200
8/14/2021 19:00	1042	1043	1200	1200
8/14/2021 20:00	1043	1043	1200	1200
8/14/2021 21:00	1043	1043	1200	1200
8/14/2021 22:00	1043	1043	1200	1200
8/14/2021 23:00	1043	1043	1200	1200
8/15/2021 0:00	1043	1044	1200	1200
8/15/2021 1:00	1044	1044	1200	1200
8/15/2021 2:00	1044	1044	1200	1200
8/15/2021 3:00	1044	1044	1200	1200
8/15/2021 4:00	1044	1044	1200	1200
8/15/2021 5:00	1044	1045	1200	1200
8/15/2021 6:00	1045	1045	1200	1200
8/15/2021 7:00	1045	1045	1200	1200
8/15/2021 8:00	1045	1045	1200	1200
8/15/2021 9:00	1045	1045	1200	1200
8/15/2021 10:00	1045	1045	1200	1200
8/15/2021 11:00	1045	1045	1200	1200
8/15/2021 12:00	1045	1045	1200	1200
8/15/2021 13:00	1045	1045	1200	1200
8/15/2021 14:00	1045	1046	1200	1200
8/15/2021 15:00	1046	1046	1200	1200
8/15/2021 16:00	1046	1046	1200	1200
8/15/2021 17:00	1046	1046	1200	1200
8/15/2021 18:00	1046	1046	1200	1200
8/15/2021 19:00	1046	1046	1200	1200
8/15/2021 20:00	1046	1046	1200	1200
8/15/2021 21:00	1046	1046	1200	1200
8/15/2021 22:00	1046	1046	1200	1200
8/15/2021 23:00	1046	1046	1200	1200
8/16/2021 0:00	1046	1046	1200	1200
8/16/2021 1:00	1046	1046	1200	1200
8/16/2021 2:00	1046	1046	1200	1200
8/16/2021 3:00	1046	1046	1200	1200
8/16/2021 4:00	1046	1046	1200	1200
8/16/2021 5:00	1046	1046	1200	1200
8/16/2021 6:00	1046	1046	1200	1200
8/16/2021 7:00	1046	1046	1200	1200
8/16/2021 8:00	1046	1046	1200	1200
8/16/2021 9:00	1046	1046	1200	1200
8/16/2021 10:00	1046	1046	1200	1200
8/16/2021 11:00	1046	1046	1200	1200
8/16/2021 12:00	1046	1046	1200	1200
8/16/2021 13:00	1046	1046	1200	1200
8/16/2021 14:00	1046	1046	1200	1200
8/16/2021 15:00	1046	1046	1200	1200
8/16/2021 16:00	1046	1046	1200	1200
8/16/2021 17:00	1046	1046	1200	1200
8/16/2021 18:00	1046	1046	1200	1200
8/16/2021 19:00	1046	1046	1200	1200
8/16/2021 20:00	1046	1046	1200	1200
8/16/2021 21:00	1046	1046	1200	1200
8/16/2021 22:00	1046	1046	1200	1200
8/16/2021 23:00	1046	1046	1200	1200
8/17/2021 0:00	1046	1046	1200	1200
8/17/2021 1:00	1046	1046	1200	1200
8/17/2021 2:00	1046	1046	1200	1200
8/17/2021 3:00	1046	1046	1195	1200
8/17/2021 4:00	1046	1046	1193	1195
8/17/2021 5:00	1046	1046	1192	1194
8/17/2021 6:00	1046	1046	1194	1200
8/17/2021 7:00	1046	1046	1200	1200

Xcel Energy
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
8/17/2021 8:00	1046	1046	1200	1200
8/17/2021 9:00	1045	1046	1200	1200
8/17/2021 10:00	1045	1045	1200	1200
8/17/2021 11:00	1045	1045	1200	1200
8/17/2021 12:00	1045	1045	1200	1200
8/17/2021 13:00	1045	1045	1200	1200
8/17/2021 14:00	1045	1045	1200	1200
8/17/2021 15:00	1045	1045	1200	1200
8/17/2021 16:00	1045	1045	1200	1200
8/17/2021 17:00	1045	1045	1200	1200
8/17/2021 18:00	1045	1045	1200	1200
8/17/2021 19:00	1045	1045	1200	1200
8/17/2021 20:00	1045	1045	1200	1200
8/17/2021 21:00	1045	1045	1200	1200
8/17/2021 22:00	1045	1045	1200	1200
8/17/2021 23:00	1045	1045	1200	1200
8/18/2021 0:00	1045	1045	1200	1200
8/18/2021 1:00	1045	1045	1200	1200
8/18/2021 2:00	1045	1045	1200	1200
8/18/2021 3:00	1045	1045	1200	1200
8/18/2021 4:00	1045	1045	1200	1200
8/18/2021 5:00	1045	1045	1200	1200
8/18/2021 6:00	1045	1045	1200	1200
8/18/2021 7:00	1045	1045	1200	1200
8/18/2021 8:00	1045	1045	1200	1200
8/18/2021 9:00	1045	1045	1200	1200
8/18/2021 10:00	1045	1045	1200	1200
8/18/2021 11:00	1045	1045	1200	1200
8/18/2021 12:00	1045	1045	1200	1200
8/18/2021 13:00	1045	1045	1200	1200
8/18/2021 14:00	1044	1045	1198	1200
8/18/2021 15:00	1044	1044	1197	1198
8/18/2021 16:00	1044	1044	1197	1198
8/18/2021 17:00	1044	1044	1196	1198
8/18/2021 18:00	1044	1044	1196	1199
8/18/2021 19:00	1044	1044	1199	1200
8/18/2021 20:00	1044	1044	1200	1200
8/18/2021 21:00	1044	1044	1200	1200
8/18/2021 22:00	1044	1044	1200	1200
8/18/2021 23:00	1044	1044	1200	1200
8/19/2021 0:00	1043	1044	1200	1200
8/19/2021 1:00	1043	1043	1200	1200
8/19/2021 2:00	1043	1043	1199	1200
8/19/2021 3:00	1043	1043	1191	1199
8/19/2021 4:00	1043	1043	1188	1191
8/19/2021 5:00	1043	1043	1190	1195
8/19/2021 6:00	1043	1043	1195	1200
8/19/2021 7:00	1043	1043	1200	1200
8/19/2021 8:00	1042	1043	1200	1200
8/19/2021 9:00	1042	1042	1198	1200
8/19/2021 10:00	1042	1042	1198	1199
8/19/2021 11:00	1042	1042	1196	1199
8/19/2021 12:00	1042	1042	1196	1196
8/19/2021 13:00	1042	1042	1194	1196
8/19/2021 14:00	1042	1042	1194	1195
8/19/2021 15:00	1042	1042	1194	1195
8/19/2021 16:00	1042	1042	1193	1194
8/19/2021 17:00	1042	1042	1193	1193
8/19/2021 18:00	1042	1042	1193	1193
8/19/2021 19:00	1042	1042	1193	1194
8/19/2021 20:00	1042	1042	1193	1194
8/19/2021 21:00	1042	1042	1185	1193
8/19/2021 22:00	1042	1042	1182	1185
8/19/2021 23:00	1042	1042	1181	1182
8/20/2021 0:00	1042	1042	1180	1181
8/20/2021 1:00	1042	1042	1180	1182
8/20/2021 2:00	1042	1042	1182	1183
8/20/2021 3:00	1042	1042	1183	1184
8/20/2021 4:00	1041	1042	1183	1184
8/20/2021 5:00	1041	1041	1184	1188
8/20/2021 6:00	1040	1041	1187	1188
8/20/2021 7:00	1040	1040	1183	1187
8/20/2021 8:00	1040	1040	1183	1187
8/20/2021 9:00	1039	1040	1187	1191
8/20/2021 10:00	1039	1039	1190	1191
8/20/2021 11:00	1038	1039	1190	1190
8/20/2021 12:00	1038	1038	1189	1190
8/20/2021 13:00	1038	1038	1188	1190
8/20/2021 14:00	1037	1038	1182	1188
8/20/2021 15:00	1037	1037	1176	1182

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
8/20/2021 16:00	1037	1037	1174	1177
8/20/2021 17:00	1037	1037	1170	1174
8/20/2021 18:00	1037	1038	1170	1172
8/20/2021 19:00	1038	1038	1172	1175
8/20/2021 20:00	1038	1039	1174	1174
8/20/2021 21:00	1039	1039	1172	1174
8/20/2021 22:00	1039	1040	1172	1173
8/20/2021 23:00	1040	1040	1172	1173
8/21/2021 0:00	1040	1041	1172	1173
8/21/2021 1:00	1041	1041	1173	1176
8/21/2021 2:00	1041	1042	1176	1177
8/21/2021 3:00	1042	1042	1177	1178
8/21/2021 4:00	1042	1042	1178	1178
8/21/2021 5:00	1042	1042	1178	1179
8/21/2021 6:00	1042	1042	1179	1180
8/21/2021 7:00	1042	1043	1180	1180
8/21/2021 8:00	1043	1043	1180	1181
8/21/2021 9:00	1043	1043	1181	1189
8/21/2021 10:00	1043	1043	1189	1189
8/21/2021 11:00	1043	1043	1188	1189
8/21/2021 12:00	1043	1043	1185	1189
8/21/2021 13:00	1043	1043	1183	1185
8/21/2021 14:00	1043	1043	1181	1183
8/21/2021 15:00	1042	1043	1181	1182
8/21/2021 16:00	1042	1042	1182	1185
8/21/2021 17:00	1042	1042	1183	1185
8/21/2021 18:00	1042	1042	1183	1183
8/21/2021 19:00	1041	1042	1182	1183
8/21/2021 20:00	1041	1041	1181	1182
8/21/2021 21:00	1041	1041	1182	1182
8/21/2021 22:00	1041	1041	1182	1183
8/21/2021 23:00	1041	1041	1183	1186
8/22/2021 0:00	1040	1041	1184	1186
8/22/2021 1:00	1040	1040	1184	1186
8/22/2021 2:00	1039	1040	1186	1191
8/22/2021 3:00	1039	1039	1191	1193
8/22/2021 4:00	1038	1039	1191	1192
8/22/2021 5:00	1038	1038	1190	1191
8/22/2021 6:00	1037	1038	1189	1190
8/22/2021 7:00	1037	1037	1189	1190
8/22/2021 8:00	1037	1037	1190	1190
8/22/2021 9:00	1036	1037	1188	1190
8/22/2021 10:00	1036	1036	1186	1188
8/22/2021 11:00	1035	1036	1185	1187
8/22/2021 12:00	1035	1035	1185	1186
8/22/2021 13:00	1035	1035	1186	1188
8/22/2021 14:00	1034	1035	1188	1189
8/22/2021 15:00	1034	1034	1189	1192
8/22/2021 16:00	1034	1034	1191	1192
8/22/2021 17:00	1034	1034	1190	1191
8/22/2021 18:00	1034	1034	1189	1190
8/22/2021 19:00	1034	1034	1190	1191
8/22/2021 20:00	1034	1034	1191	1194
8/22/2021 21:00	1034	1034	1194	1195
8/22/2021 22:00	1034	1034	1193	1195
8/22/2021 23:00	1034	1034	1192	1193
8/23/2021 0:00	1034	1034	1192	1192
8/23/2021 1:00	1034	1034	1192	1194
8/23/2021 2:00	1034	1034	1194	1195
8/23/2021 3:00	1034	1034	1190	1194
8/23/2021 4:00	1034	1034	1188	1190
8/23/2021 5:00	1034	1034	1188	1188
8/23/2021 6:00	1034	1034	1188	1189
8/23/2021 7:00	1034	1034	1189	1191
8/23/2021 8:00	1034	1034	1191	1193
8/23/2021 9:00	1034	1034	1193	1195
8/23/2021 10:00	1034	1034	1195	1199
8/23/2021 11:00	1034	1034	1199	1200
8/23/2021 12:00	1034	1034	1200	1200
8/23/2021 13:00	1034	1034	1200	1200
8/23/2021 14:00	1034	1034	1200	1200
8/23/2021 15:00	1034	1034	1200	1200
8/23/2021 16:00	1034	1034	1200	1200
8/23/2021 17:00	1034	1034	1200	1200
8/23/2021 18:00	1034	1035	1200	1200
8/23/2021 19:00	1035	1035	1200	1200
8/23/2021 20:00	1035	1035	1200	1200
8/23/2021 21:00	1035	1035	1200	1200
8/23/2021 22:00	1035	1035	1200	1200
8/23/2021 23:00	1035	1035	1198	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
8/24/2021 0:00	1035	1035	1190	1198
8/24/2021 1:00	1035	1035	1188	1190
8/24/2021 2:00	1035	1035	1188	1189
8/24/2021 3:00	1035	1041	1188	1189
8/24/2021 4:00	1041	1042	1188	1192
8/24/2021 5:00	1042	1042	1191	1192
8/24/2021 6:00	1042	1043	1192	1194
8/24/2021 7:00	1042	1043	1194	1198
8/24/2021 8:00	1042	1042	1198	1200
8/24/2021 9:00	1042	1042	1200	1200
8/24/2021 10:00	1042	1042	1200	1200
8/24/2021 11:00	1042	1042	1200	1200
8/24/2021 12:00	1042	1042	1200	1200
8/24/2021 13:00	1042	1042	1198	1200
8/24/2021 14:00	1042	1042	1198	1200
8/24/2021 15:00	1042	1042	1200	1200
8/24/2021 16:00	1042	1042	1200	1200
8/24/2021 17:00	1042	1042	1200	1200
8/24/2021 18:00	1042	1042	1200	1200
8/24/2021 19:00	1042	1042	1199	1200
8/24/2021 20:00	1042	1042	1199	1200
8/24/2021 21:00	1042	1042	1200	1200
8/24/2021 22:00	1042	1042	1200	1200
8/24/2021 23:00	1042	1042	1198	1200
8/25/2021 0:00	1042	1042	1196	1198
8/25/2021 1:00	1042	1042	1196	1197
8/25/2021 2:00	1042	1042	1197	1198
8/25/2021 3:00	1042	1042	1190	1197
8/25/2021 4:00	1042	1042	1190	1194
8/25/2021 5:00	1042	1042	1194	1196
8/25/2021 6:00	1042	1042	1195	1196
8/25/2021 7:00	1042	1042	1195	1197
8/25/2021 8:00	1042	1042	1193	1195
8/25/2021 9:00	1042	1042	1194	1196
8/25/2021 10:00	1042	1042	1195	1197
8/25/2021 11:00	1042	1042	1197	1200
8/25/2021 12:00	1042	1042	1200	1200
8/25/2021 13:00	1042	1042	1200	1200
8/25/2021 14:00	1042	1042	1200	1200
8/25/2021 15:00	1042	1042	1200	1200
8/25/2021 16:00	1041	1042	1200	1200
8/25/2021 17:00	1041	1043	1200	1200
8/25/2021 18:00	1043	1043	1200	1200
8/25/2021 19:00	1043	1043	1200	1200
8/25/2021 20:00	1043	1043	1200	1200
8/25/2021 21:00	1043	1043	1195	1200
8/25/2021 22:00	1043	1043	1187	1195
8/25/2021 23:00	1043	1043	1187	1187
8/26/2021 0:00	1043	1043	1186	1187
8/26/2021 1:00	1043	1043	1187	1188
8/26/2021 2:00	1043	1043	1186	1188
8/26/2021 3:00	1043	1043	1186	1194
8/26/2021 4:00	1043	1043	1194	1200
8/26/2021 5:00	1043	1043	1200	1200
8/26/2021 6:00	1043	1043	1200	1200
8/26/2021 7:00	1043	1043	1200	1200
8/26/2021 8:00	1043	1043	1200	1200
8/26/2021 9:00	1043	1043	1200	1200
8/26/2021 10:00	1035	1043	1200	1200
8/26/2021 11:00	1035	1036	1200	1200
8/26/2021 12:00	1036	1036	1196	1200
8/26/2021 13:00	1034	1036	1194	1196
8/26/2021 14:00	1034	1035	1194	1196
8/26/2021 15:00	1035	1035	1196	1198
8/26/2021 16:00	1035	1036	1195	1198
8/26/2021 17:00	1035	1036	1194	1195
8/26/2021 18:00	1035	1035	1195	1195
8/26/2021 19:00	1035	1035	1191	1195
8/26/2021 20:00	1035	1035	1191	1194
8/26/2021 21:00	1035	1035	1194	1195
8/26/2021 22:00	1035	1035	1193	1194
8/26/2021 23:00	1035	1036	1191	1193
8/27/2021 0:00	1036	1036	1192	1197
8/27/2021 1:00	1036	1037	1195	1198
8/27/2021 2:00	1037	1040	1193	1195
8/27/2021 3:00	1040	1041	1193	1200
8/27/2021 4:00	1041	1042	1200	1200
8/27/2021 5:00	1041	1042	1200	1200
8/27/2021 6:00	1041	1041	1200	1200
8/27/2021 7:00	1041	1042	1200	1200

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
8/27/2021 8:00	1042	1043	1200	1200
8/27/2021 9:00	1043	1044	1200	1200
8/27/2021 10:00	1044	1044	1200	1200
8/27/2021 11:00	1044	1045	1200	1200
8/27/2021 12:00	1045	1045	1200	1200
8/27/2021 13:00	1045	1045	1200	1200
8/27/2021 14:00	1045	1045	1197	1200
8/27/2021 15:00	1045	1045	1195	1197
8/27/2021 16:00	1045	1046	1195	1196
8/27/2021 17:00	1046	1046	1196	1197
8/27/2021 18:00	1045	1046	1196	1197
8/27/2021 19:00	1045	1045	1197	1197
8/27/2021 20:00	1045	1045	1195	1197
8/27/2021 21:00	1045	1045	1195	1198
8/27/2021 22:00	1045	1045	1198	1200
8/27/2021 23:00	1045	1045	1200	1200
8/28/2021 0:00	1045	1045	1200	1200
8/28/2021 1:00	1045	1045	1199	1200
8/28/2021 2:00	1045	1045	1200	1200
8/28/2021 3:00	1045	1046	1200	1200
8/28/2021 4:00	1046	1046	1200	1200
8/28/2021 5:00	1046	1046	1200	1200
8/28/2021 6:00	1045	1046	1200	1200
8/28/2021 7:00	1045	1045	1200	1200
8/28/2021 8:00	1045	1045	1200	1200
8/28/2021 9:00	1044	1045	1200	1200
8/28/2021 10:00	1044	1044	1200	1200
8/28/2021 11:00	1044	1045	1200	1200
8/28/2021 12:00	1045	1046	1200	1200
8/28/2021 13:00	1046	1046	1200	1200
8/28/2021 14:00	1046	1046	1200	1200
8/28/2021 15:00	1046	1046	1200	1200
8/28/2021 16:00	1046	1046	1199	1200
8/28/2021 17:00	1046	1046	1198	1199
8/28/2021 18:00	1046	1046	1197	1198
8/28/2021 19:00	1046	1046	1197	1197
8/28/2021 20:00	1046	1046	1197	1197
8/28/2021 21:00	1046	1046	1195	1197
8/28/2021 22:00	1046	1046	1195	1197
8/28/2021 23:00	1046	1046	1194	1195
8/29/2021 0:00	1046	1046	1194	1194
8/29/2021 1:00	1046	1046	1194	1194
8/29/2021 2:00	1046	1046	1194	1195
8/29/2021 3:00	1046	1046	1195	1196
8/29/2021 4:00	1046	1046	1196	1198
8/29/2021 5:00	1046	1046	1197	1198
8/29/2021 6:00	1046	1046	1197	1198
8/29/2021 7:00	1046	1046	1198	1198
8/29/2021 8:00	1046	1046	1198	1199
8/29/2021 9:00	1046	1046	1199	1200
8/29/2021 10:00	1045	1046	1200	1200
8/29/2021 11:00	1045	1045	1200	1200
8/29/2021 12:00	1045	1045	1200	1200
8/29/2021 13:00	1045	1045	1200	1200
8/29/2021 14:00	1045	1045	1197	1200
8/29/2021 15:00	1045	1045	1195	1197
8/29/2021 16:00	1045	1045	1197	1197
8/29/2021 17:00	1045	1046	1197	1197
8/29/2021 18:00	1046	1046	1196	1197
8/29/2021 19:00	1046	1046	1194	1196
8/29/2021 20:00	1046	1046	1194	1198
8/29/2021 21:00	1046	1046	1198	1200
8/29/2021 22:00	1046	1046	1200	1200
8/29/2021 23:00	1046	1046	1199	1200
8/30/2021 0:00	1046	1046	1200	1200
8/30/2021 1:00	1046	1046	1200	1200
8/30/2021 2:00	1046	1046	1200	1200
8/30/2021 3:00	1046	1046	1200	1200
8/30/2021 4:00	1046	1047	1200	1200
8/30/2021 5:00	1047	1047	1200	1200
8/30/2021 6:00	1047	1047	1200	1200
8/30/2021 7:00	1047	1047	1200	1200
8/30/2021 8:00	1047	1047	1200	1200
8/30/2021 9:00	1047	1047	1200	1200
8/30/2021 10:00	1046	1047	1200	1200
8/30/2021 11:00	1044	1046	1200	1200
8/30/2021 12:00	1043	1044	1200	1200
8/30/2021 13:00	1042	1043	1200	1200
8/30/2021 14:00	1042	1042	1200	1200
8/30/2021 15:00	1042	1043	1200	1200

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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
8/30/2021 16:00	1042	1043	1198	1200
8/30/2021 17:00	1042	1043	1193	1199
8/30/2021 18:00	1041	1043	1190	1193
8/30/2021 19:00	1040	1041	1190	1192
8/30/2021 20:00	1040	1040	1192	1194
8/30/2021 21:00	1040	1040	1192	1194
8/30/2021 22:00	1040	1041	1192	1193
8/30/2021 23:00	1041	1041	1193	1195
8/31/2021 0:00	1041	1042	1195	1196
8/31/2021 1:00	1042	1043	1196	1198
8/31/2021 2:00	1043	1043	1198	1200
8/31/2021 3:00	1043	1044	1200	1200
8/31/2021 4:00	1044	1044	1200	1200
8/31/2021 5:00	1044	1044	1200	1200
8/31/2021 6:00	1044	1045	1200	1200
8/31/2021 7:00	1045	1045	1200	1200
8/31/2021 8:00	1044	1045	1200	1200
8/31/2021 9:00	1044	1044	1200	1200
8/31/2021 10:00	1044	1044	1200	1200
8/31/2021 11:00	1044	1044	1200	1200
8/31/2021 12:00	1044	1044	1200	1200
8/31/2021 13:00	1044	1044	1194	1200
8/31/2021 14:00	1044	1044	1188	1194
8/31/2021 15:00	1044	1045	1188	1195
8/31/2021 16:00	1045	1045	1195	1198
8/31/2021 17:00	1045	1046	1198	1200
8/31/2021 18:00	1046	1046	1200	1200
8/31/2021 19:00	1046	1047	1200	1200
8/31/2021 20:00	1047	1047	1198	1200
8/31/2021 21:00	1047	1047	1195	1198
8/31/2021 22:00	1047	1047	1195	1196
8/31/2021 23:00	1047	1048	1196	1197