825 Rice Street
Saint Paul, MN 55117

September 28, 2022

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 2022 as required by N.D. PU-22-14.

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

Sincerely,

Christopher Akins
Manager Pipeline Compliance and Standards
Xcel Energy

8 PU-22-14 Filed 09/28/2022 Pages: 11
Heating value report for Aug. 2022
Northern States Power Company

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

	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/1/2022 0:00	1034	1034	1200	1200
8/1/2022 1:00	1034	1034	1200	1200
8/1/2022 2:00	1034	1034	1200	1200
8/1/2022 3:00	1034	1034	1200	1200
8/1/2022 4:00	1034	1035	1200	1200
8/1/2022 5:00	1035	1035	1200	1200
8/1/2022 6:00	1035	1035	1200	1200
8/1/2022 7:00	1035	1036	1200	1200
8/1/2022 8:00	1036	1036	1195	1200
8/1/2022 9:00	1036	1036	1195	1200
8/1/2022 10:00	1036	1036	1200	1200
8/1/2022 11:00	1036	1036	1200	1200
8/1/2022 12:00	1036	1037	1200	1200
8/1/2022 13:00	1037	1037	1200	1200
8/1/2022 14:00	1036	1037	1200	1200
8/1/2022 15:00	1036	1036	1200	1200
8/1/2022 16:00	1036	1036	1200	1200
8/1/2022 17:00	1036	1037	1200	1200
8/1/2022 18:00	1036	1037	1200	1200
8/1/2022 19:00	1036	1036	1200	1200
8/1/2022 20:00	1036	1036	1200	1200
8/1/2022 21:00	1036	1036	1200	1200
8/1/2022 22:00	1036	1036	1200	1200
8/1/2022 23:00	1036	1036	1200	1200
8/2/2022 0:00	1035	1036	1200	1200
8/2/2022 1:00	1035	1035	1200	1200
8/2/2022 2:00	1035	1035	1200	1200
8/2/2022 3:00	1035	1035	1200	1200
8/2/2022 4:00	1035	1035	1200	1200
8/2/2022 5:00	1035	1035	1200	1200
8/2/2022 6:00	1035	1036	1200	1200
8/2/2022 7:00	1036	1036	1200	1200
8/2/2022 8:00	1036	1036	1200	1200
8/2/2022 9:00	1036	1036	1200	1200
8/2/2022 10:00	1036	1036	1200	1200
8/2/2022 11:00	1036	1036	1200	1200
8/2/2022 12:00	1036	1036	1200	1200
8/2/2022 13:00	1036	1036	1200	1200
8/2/2022 14:00	1036	1036	1200	1200
8/2/2022 15:00	1036	1036	1200	1200
8/2/2022 16:00	1036	1036	1200	1200
8/2/2022 17:00	1036	1037	1200	1200
8/2/2022 18:00	1036	1037	1200	1200
8/2/2022 19:00	1036	1036	1200	1200
8/2/2022 20:00	1036	1036	1200	1200
8/2/2022 21:00	1036	1036	1200	1200
8/2/2022 22:00	1036	1037	1200	1200
8/2/2022 23:00	1037	1037	1200	1200
8/3/2022 0:00	1037	1040	1200	1200
8/3/2022 1:00	1039	1040	1200	1200
8/3/2022 2:00	1039	1039	1200	1200
8/3/2022 3:00	1039	1040	1200	1200
8/3/2022 4:00	1039	1040	1200	1200
8/3/2022 5:00	1039	1039	1200	1200
8/3/2022 6:00	1038	1039	1200	1200
8/3/2022 7:00	1037	1038	1200	1200
8/3/2022 8:00	1037	1039	1200	1200
8/3/2022 9:00	1039	1039	1200	1200
8/3/2022 10:00	1039	1039	1200	1200
8/3/2022 11:00	1039	1039	1200	1200
8/3/2022 12:00	1039	1039	1200	1200
8/3/2022 13:00	1039	1039	1200	1200
8/3/2022 14:00	1039	1039	1200	1200
8/3/2022 15:00	1039	1039	1200	1200
8/3/2022 16:00	1038	1039	1200	1200
8/3/2022 17:00	1038	1039	1200	1200
8/3/2022 18:00	1038	1039	1200	1200
8/3/2022 19:00	1038	1038	1200	1200
8/3/2022 20:00	1038	1038	1200	1200
8/3/2022 21:00	1038	1040	1200	1200
8/3/2022 22:00	1039	1040	1200	1200
8/3/2022 23:00	1039	1039	1200	1200

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

	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/4/2022 0:00	1039	1039	1200	1200
8/4/2022 1:00	1039	1040	1200	1200
8/4/2022 2:00	1040	1040	1200	1200
8/4/2022 3:00	1040	1040	1200	1200
8/4/2022 4:00	1040	1040	1199	1200
8/4/2022 5:00	1040	1040	1199	1200
8/4/2022 6:00	1040	1040	1200	1200
8/4/2022 7:00	1040	1040	1200	1200
8/4/2022 8:00	1040	1040	1200	1200
8/4/2022 9:00	1039	1040	1200	1200
8/4/2022 10:00	1039	1040	1194	1200
8/4/2022 11:00	1040	1040	1197	1200
8/4/2022 12:00	1039	1040	1200	1200
8/4/2022 13:00	1039	1040	1200	1200
8/4/2022 14:00	1039	1040	1200	1200
8/4/2022 15:00	1039	1040	1200	1200
8/4/2022 16:00	1040	1040	1200	1200
8/4/2022 17:00	1040	1041	1200	1200
8/4/2022 18:00	1041	1043	1200	1200
8/4/2022 19:00	1043	1048	1200	1200
8/4/2022 20:00	1048	1052	1200	1200
8/4/2022 21:00	1052	1054	1200	1200
8/4/2022 22:00	1054	1055	1200	1200
8/4/2022 23:00	1055	1056	1200	1200
8/5/2022 0:00	1056	1057	1200	1200
8/5/2022 1:00	1056	1057	1200	1200
8/5/2022 2:00	1053	1056	1200	1200
8/5/2022 3:00	1051	1053	1200	1200
8/5/2022 4:00	1051	1051	1200	1200
8/5/2022 5:00	1051	1051	1200	1200
8/5/2022 6:00	1051	1051	1200	1200
8/5/2022 7:00	1050	1051	1200	1200
8/5/2022 8:00	1049	1050	1200	1200
8/5/2022 9:00	1047	1049	1200	1200
8/5/2022 10:00	1045	1047	1200	1200
8/5/2022 11:00	1044	1045	1200	1200
8/5/2022 12:00	1043	1044	1200	1200
8/5/2022 13:00	1042	1043	1200	1200
8/5/2022 14:00	1042	1042	1200	1200
8/5/2022 15:00	1041	1042	1200	1200
8/5/2022 16:00	1041	1041	1200	1200
8/5/2022 17:00	1041	1041	1200	1200
8/5/2022 18:00	1041	1041	1200	1200
8/5/2022 19:00	1041	1041	1200	1200
8/5/2022 20:00	1040	1041	1200	1200
8/5/2022 21:00	1040	1041	1200	1200
8/5/2022 22:00	1040	1041	1200	1200
8/5/2022 23:00	1040	1040	1200	1200
8/6/2022 0:00	1040	1040	1200	1200
8/6/2022 1:00	1040	1041	1200	1200
8/6/2022 2:00	1041	1041	1197	1200
8/6/2022 3:00	1041	1041	1197	1200
8/6/2022 4:00	1041	1041	1189	1200
8/6/2022 5:00	1041	1041	1186	1189
8/6/2022 6:00	1040	1041	1186	1193
8/6/2022 7:00	1040	1040	1193	1200
8/6/2022 8:00	1040	1040	1200	1200
8/6/2022 9:00	1040	1040	1200	1200
8/6/2022 10:00	1040	1040	1200	1200
8/6/2022 11:00	1039	1040	1200	1200
8/6/2022 12:00	1039	1039	1200	1200
8/6/2022 13:00	1039	1039	1200	1200
8/6/2022 14:00	1039	1039	1200	1200
8/6/2022 15:00	1039	1039	1200	1200
8/6/2022 16:00	1039	1039	1200	1200
8/6/2022 17:00	1039	1039	1200	1200
8/6/2022 18:00	1039	1039	1200	1200
8/6/2022 19:00	1039	1039	1200	1200
8/6/2022 20:00	1039	1039	1200	1200
8/6/2022 21:00	1039	1039	1200	1200
8/6/2022 22:00	1039	1039	1200	1200
8/6/2022 23:00	1039	1039	1200	1200
8/7/2022 0:00	1039	1039	1200	1200
8/7/2022 1:00	1039	1039	1200	1200
8/7/2022 2:00	1039	1039	1200	1200
8/7/2022 3:00	1039	1039	1200	1200
8/7/2022 4:00	1039	1039	1199	1200
8/7/2022 5:00	1039	1039	1199	1200
8/7/2022 6:00	1038	1039	1200	1200
8/7/2022 7:00	1038	1038	1200	1200

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

	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/7/2022 8:00	1038	1039	1200	1200
8/7/2022 9:00	1039	1039	1200	1200
8/7/2022 10:00	1039	1039	1200	1200
8/7/2022 11:00	1039	1040	1200	1200
8/7/2022 12:00	1040	1040	1200	1200
8/7/2022 13:00	1040	1041	1200	1200
8/7/2022 14:00	1041	1041	1200	1200
8/7/2022 15:00	1041	1041	1200	1200
8/7/2022 16:00	1041	1041	1200	1200
8/7/2022 17:00	1041	1041	1200	1200
8/7/2022 18:00	1041	1041	1200	1200
8/7/2022 19:00	1041	1041	1200	1200
8/7/2022 20:00	1041	1041	1200	1200
8/7/2022 21:00	1041	1041	1200	1200
8/7/2022 22:00	1041	1041	1200	1200
8/7/2022 23:00	1041	1041	1200	1200
8/8/2022 0:00	1041	1042	1200	1200
8/8/2022 1:00	1041	1042	1200	1200
8/8/2022 2:00	1040	1041	1200	1200
8/8/2022 3:00	1040	1040	1200	1200
8/8/2022 4:00	1040	1040	1200	1200
8/8/2022 5:00	1040	1040	1200	1200
8/8/2022 6:00	1040	1040	1200	1200
8/8/2022 7:00	1040	1040	1200	1200
8/8/2022 8:00	1040	1040	1200	1200
8/8/2022 9:00	1040	1041	1200	1200
8/8/2022 10:00	1039	1041	1200	1200
8/8/2022 11:00	1039	1039	1200	1200
8/8/2022 12:00	1039	1040	1200	1200
8/8/2022 13:00	1040	1041	1200	1200
8/8/2022 14:00	1040	1041	1200	1200
8/8/2022 15:00	1040	1040	1200	1200
8/8/2022 16:00	1040	1041	1200	1200
8/8/2022 17:00	1041	1041	1200	1200
8/8/2022 18:00	1041	1041	1200	1200
8/8/2022 19:00	1041	1042	1200	1200
8/8/2022 20:00	1042	1042	1200	1200
8/8/2022 21:00	1040	1042	1200	1200
8/8/2022 22:00	1039	1040	1200	1200
8/8/2022 23:00	1038	1039	1200	1200
8/9/2022 0:00	1038	1038	1200	1200
8/9/2022 1:00	1038	1038	1200	1200
8/9/2022 2:00	1038	1039	1200	1200
8/9/2022 3:00	1039	1039	1200	1200
8/9/2022 4:00	1039	1039	1200	1200
8/9/2022 5:00	1039	1039	1198	1200
8/9/2022 6:00	1039	1039	1192	1198
8/9/2022 7:00	1039	1039	1191	1193
8/9/2022 8:00	1039	1039	1193	1194
8/9/2022 9:00	1038	1039	1192	1193
8/9/2022 10:00	1038	1038	1193	1195
8/9/2022 11:00	1038	1039	1190	1195
8/9/2022 12:00	1039	1039	1190	1192
8/9/2022 13:00	1039	1039	1191	1192
8/9/2022 14:00	1039	1039	1191	1191
8/9/2022 15:00	1039	1039	1190	1191
8/9/2022 16:00	1039	1040	1189	1190
8/9/2022 17:00	1040	1040	1189	1195
8/9/2022 18:00	1040	1040	1190	1200
8/9/2022 19:00	1038	1040	1200	1200
8/9/2022 20:00	1037	1038	1200	1200
8/9/2022 21:00	1037	1042	1200	1200
8/9/2022 22:00	1039	1042	1200	1200
8/9/2022 23:00	1038	1039	1200	1200
8/10/2022 0:00	1038	1038	1200	1200
8/10/2022 1:00	1038	1038	1200	1200
8/10/2022 2:00	1038	1038	1200	1200
8/10/2022 3:00	1038	1038	1199	1200
8/10/2022 4:00	1038	1038	1198	1200
8/10/2022 5:00	1038	1038	1192	1198
8/10/2022 6:00	1037	1038	1185	1192
8/10/2022 7:00	1037	1037	1181	1185
8/10/2022 8:00	1037	1037	1178	1181
8/10/2022 9:00	1037	1037	1178	1187
8/10/2022 10:00	1037	1037	1187	1200
8/10/2022 11:00	1037	1038	1200	1200
8/10/2022 12:00	1038	1038	1195	1200
8/10/2022 13:00	1038	1038	1196	1200
8/10/2022 14:00	1038	1039	1200	1200
8/10/2022 15:00	1039	1039	1198	1200

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

	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/10/2022 16:00	1038	1039	1198	1200
8/10/2022 17:00	1036	1038	1200	1200
8/10/2022 18:00	1036	1037	1200	1200
8/10/2022 19:00	1037	1042	1199	1200
8/10/2022 20:00	1042	1043	1200	1200
8/10/2022 21:00	1043	1043	1200	1200
8/10/2022 22:00	1043	1043	1200	1200
8/10/2022 23:00	1042	1043	1200	1200
8/11/2022 0:00	1042	1042	1200	1200
8/11/2022 1:00	1042	1042	1200	1200
8/11/2022 2:00	1042	1042	1200	1200
8/11/2022 3:00	1042	1042	1200	1200
8/11/2022 4:00	1042	1042	1200	1200
8/11/2022 5:00	1041	1042	1200	1200
8/11/2022 6:00	1041	1041	1200	1200
8/11/2022 7:00	1041	1041	1200	1200
8/11/2022 8:00	1041	1041	1200	1200
8/11/2022 9:00	1041	1041	1200	1200
8/11/2022 10:00	1041	1041	1200	1200
8/11/2022 11:00	1041	1041	1200	1200
8/11/2022 12:00	1038	1041	1200	1200
8/11/2022 13:00	1038	1043	1200	1200
8/11/2022 14:00	1042	1043	1200	1200
8/11/2022 15:00	1042	1042	1200	1200
8/11/2022 16:00	1042	1043	1200	1200
8/11/2022 17:00	1043	1044	1200	1200
8/11/2022 18:00	1044	1046	1200	1200
8/11/2022 19:00	1046	1048	1200	1200
8/11/2022 20:00	1048	1049	1200	1200
8/11/2022 21:00	1049	1051	1200	1200
8/11/2022 22:00	1049	1051	1200	1200
8/11/2022 23:00	1048	1049	1200	1200
8/12/2022 0:00	1047	1048	1200	1200
8/12/2022 1:00	1047	1047	1200	1200
8/12/2022 2:00	1046	1047	1200	1200
8/12/2022 3:00	1046	1046	1200	1200
8/12/2022 4:00	1045	1046	1200	1200
8/12/2022 5:00	1044	1045	1199	1200
8/12/2022 6:00	1044	1046	1199	1200
8/12/2022 7:00	1045	1046	1199	1200
8/12/2022 8:00	1045	1045	1197	1199
8/12/2022 9:00	1045	1045	1197	1198
8/12/2022 10:00	1045	1045	1198	1200
8/12/2022 11:00	1045	1046	1200	1200
8/12/2022 12:00	1046	1046	1200	1200
8/12/2022 13:00	1046	1047	1200	1200
8/12/2022 14:00	1047	1047	1200	1200
8/12/2022 15:00	1047	1047	1200	1200
8/12/2022 16:00	1047	1047	1200	1200
8/12/2022 17:00	1047	1047	1200	1200
8/12/2022 18:00	1047	1047	1200	1200
8/12/2022 19:00	1047	1047	1192	1200
8/12/2022 20:00	1047	1048	1187	1196
8/12/2022 21:00	1048	1048	1196	1200
8/12/2022 22:00	1048	1048	1200	1200
8/12/2022 23:00	1048	1048	1200	1200
8/13/2022 0:00	1048	1048	1200	1200
8/13/2022 1:00	1047	1048	1200	1200
8/13/2022 2:00	1047	1047	1200	1200
8/13/2022 3:00	1047	1047	1200	1200
8/13/2022 4:00	1047	1047	1199	1200
8/13/2022 5:00	1047	1048	1197	1199
8/13/2022 6:00	1048	1048	1196	1197
8/13/2022 7:00	1048	1048	1195	1196
8/13/2022 8:00	1048	1049	1195	1200
8/13/2022 9:00	1049	1049	1200	1200
8/13/2022 10:00	1049	1050	1200	1200
8/13/2022 11:00	1050	1052	1200	1200
8/13/2022 12:00	1052	1052	1200	1200
8/13/2022 13:00	1049	1052	1200	1200
8/13/2022 14:00	1049	1050	1200	1200
8/13/2022 15:00	1050	1051	1200	1200
8/13/2022 16:00	1051	1051	1200	1200
8/13/2022 17:00	1051	1051	1200	1200
8/13/2022 18:00	1051	1052	1200	1200
8/13/2022 19:00	1052	1052	1200	1200
8/13/2022 20:00	1052	1052	1200	1200
8/13/2022 21:00	1052	1058	1200	1200
8/13/2022 22:00	1055	1058	1200	1200
8/13/2022 23:00	1055	1075	1200	1200

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

	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/14/2022 0:00	1059	1075	1200	1200
8/14/2022 1:00	1055	1059	1200	1200
8/14/2022 2:00	1053	1055	1200	1200
8/14/2022 3:00	1052	1053	1200	1200
8/14/2022 4:00	1052	1053	1183	1200
8/14/2022 5:00	1053	1054	1181	1183
8/14/2022 6:00	1054	1054	1182	1182
8/14/2022 7:00	1054	1055	1182	1182
8/14/2022 8:00	1055	1056	1182	1182
8/14/2022 9:00	1056	1056	1182	1182
8/14/2022 10:00	1054	1056	1182	1182
8/14/2022 11:00	1053	1054	1182	1182
8/14/2022 12:00	1052	1053	1182	1182
8/14/2022 13:00	1052	1053	1182	1182
8/14/2022 14:00	1052	1053	1182	1182
8/14/2022 15:00	1052	1053	1182	1182
8/14/2022 16:00	1052	1053	1182	1182
8/14/2022 17:00	1052	1052	1182	1182
8/14/2022 18:00	1052	1052	1182	1182
8/14/2022 19:00	1050	1052	1182	1182
8/14/2022 20:00	1049	1050	1182	1182
8/14/2022 21:00	1047	1049	1182	1182
8/14/2022 22:00	1046	1047	1182	1182
8/14/2022 23:00	1046	1047	1182	1182
8/15/2022 0:00	1047	1047	1182	1182
8/15/2022 1:00	1047	1047	1182	1182
8/15/2022 2:00	1047	1047	1182	1182
8/15/2022 3:00	1047	1047	1182	1182
8/15/2022 4:00	1046	1047	1182	1182
8/15/2022 5:00	1046	1046	1182	1182
8/15/2022 6:00	1046	1047	1182	1182
8/15/2022 7:00	1047	1047	1182	1182
8/15/2022 8:00	1047	1047	1182	1182
8/15/2022 9:00	1047	1047	1182	1182
8/15/2022 10:00	1047	1047	1182	1182
8/15/2022 11:00	1047	1047	1182	1182
8/15/2022 12:00	1047	1047	1182	1182
8/15/2022 13:00	1047	1047	1182	1182
8/15/2022 14:00	1047	1048	1182	1182
8/15/2022 15:00	1048	1049	1182	1182
8/15/2022 16:00	1047	1049	1182	1182
8/15/2022 17:00	1047	1049	1182	1182
8/15/2022 18:00	1045	1049	1182	1182
8/15/2022 19:00	1045	1045	1182	1182
8/15/2022 20:00	1044	1045	1182	1182
8/15/2022 21:00	1044	1045	1182	1182
8/15/2022 22:00	1045	1045	1182	1182
8/15/2022 23:00	1045	1045	1182	1182
8/16/2022 0:00	1045	1046	1182	1182
8/16/2022 1:00	1046	1046	1182	1182
8/16/2022 2:00	1046	1046	1182	1182
8/16/2022 3:00	1046	1046	1182	1182
8/16/2022 4:00	1045	1046	1182	1182
8/16/2022 5:00	1045	1045	1182	1182
8/16/2022 6:00	1044	1045	1182	1182
8/16/2022 7:00	1044	1044	1182	1182
8/16/2022 8:00	1044	1044	1182	1182
8/16/2022 9:00	1044	1044	1182	1182
8/16/2022 10:00	1044	1044	1182	1187
8/16/2022 11:00	1044	1044	1184	1186
8/16/2022 12:00	1044	1044	1182	1184
8/16/2022 13:00	1043	1044	1182	1184
8/16/2022 14:00	1043	1044	1184	1185
8/16/2022 15:00	1044	1044	1182	1185
8/16/2022 16:00	1044	1044	1182	1184
8/16/2022 17:00	1044	1044	1184	1184
8/16/2022 18:00	1044	1044	1183	1184
8/16/2022 19:00	1044	1044	1183	1184
8/16/2022 20:00	1044	1044	1183	1184
8/16/2022 21:00	1043	1044	1183	1184
8/16/2022 22:00	1043	1044	1184	1186
8/16/2022 23:00	1043	1044	1186	1186
8/17/2022 0:00	1043	1044	1186	1187
8/17/2022 1:00	1043	1044	1187	1191
8/17/2022 2:00	1043	1044	1191	1191
8/17/2022 3:00	1044	1044	1191	1192
8/17/2022 4:00	1043	1044	1190	1192
8/17/2022 5:00	1043	1043	1189	1190
8/17/2022 6:00	1043	1044	1188	1189
8/17/2022 7:00	1044	1044	1177	1189

Xcel Energy
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	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/17/2022 8:00	1044	1044	1187	1189
8/17/2022 9:00	1044	1044	1187	1189
8/17/2022 10:00	1044	1044	1188	1191
8/17/2022 11:00	1044	1044	1191	1191
8/17/2022 11:00	1044	1044	1191	1197
8/17/2022 12:00	1044	1044	1183	1199
8/17/2022 13:00	1044	1044	1183	1185
8/17/2022 14:00	1044	1044	1185	1185
8/17/2022 15:00	1044	1044	1182	1185
8/17/2022 16:00	1044	1051	1182	1183
8/17/2022 17:00	1049	1051	1183	1184
8/17/2022 18:00	1043	1049	1182	1184
8/17/2022 19:00	1043	1044	1181	1182
8/17/2022 20:00	1044	1044	1181	1183
8/17/2022 21:00	1044	1044	1182	1183
8/17/2022 22:00	1044	1044	1182	1183
8/17/2022 23:00	1043	1044	1182	1183
8/18/2022 0:00	1043	1043	1183	1183
8/18/2022 1:00	1043	1043	1183	1184
8/18/2022 2:00	1043	1043	1184	1186
8/18/2022 3:00	1043	1043	1186	1186
8/18/2022 4:00	1043	1043	1186	1186
8/18/2022 5:00	1043	1043	1186	1189
8/18/2022 6:00	1043	1044	1189	1189
8/18/2022 7:00	1044	1044	1189	1190
8/18/2022 8:00	1043	1044	1190	1194
8/18/2022 9:00	1043	1043	1194	1195
8/18/2022 10:00	1043	1043	1193	1196
8/18/2022 11:00	1043	1043	1190	1196
8/18/2022 12:00	1043	1043	1190	1198
8/18/2022 13:00	1043	1043	1190	1191
8/18/2022 13:00	1043	1043	1191	1191
8/18/2022 14:00	1043	1043	1188	1190
8/18/2022 15:00	1043	1043	1186	1188
8/18/2022 16:00	1043	1043	1185	1188
8/18/2022 17:00	1043	1043	1184	1185
8/18/2022 18:00	1043	1043	1185	1186
8/18/2022 19:00	1043	1044	1186	1187
8/18/2022 20:00	1043	1044	1187	1188
8/18/2022 21:00	1043	1043	1186	1189
8/18/2022 22:00	1043	1043	1188	1189
8/18/2022 23:00	1043	1045	1188	1188
8/19/2022 0:00	1045	1045	1097	1188
8/19/2022 1:00	1045	1045	1086	1115
8/19/2022 2:00	1045	1045	1105	1130
8/19/2022 3:00	1045	1046	1106	1130
8/19/2022 4:00	1046	1046	1106	1149
8/19/2022 5:00	1046	1046	1149	1160
8/19/2022 6:00	1046	1046	1152	1164
8/19/2022 7:00	1045	1046	1152	1152
8/19/2022 8:00	1043	1045	1152	1152
8/19/2022 9:00	1042	1043	1152	1152
8/19/2022 10:00	1042	1042	1152	1152
8/19/2022 11:00	1042	1042	1152	1152
8/19/2022 12:00	1041	1042	1152	1152
8/19/2022 13:00	1041	1041	1152	1152
8/19/2022 14:00	1041	1042	1152	1152
8/19/2022 15:00	1042	1045	1152	1152
8/19/2022 16:00	1042	1045	1152	1152
8/19/2022 17:00	1040	1042	1152	1152
8/19/2022 18:00	1040	1041	1152	1152
8/19/2022 19:00	1041	1044	1152	1152
8/19/2022 20:00	1044	1047	1152	1152
8/19/2022 21:00	1047	1047	1152	1152
8/19/2022 22:00	1047	1047	1152	1152
8/19/2022 23:00	1047	1049	1152	1152
8/20/2022 0:00	1049	1050	1152	1152
8/20/2022 1:00	1050	1050	1152	1152
8/20/2022 2:00	1049	1050	1152	1152
8/20/2022 3:00	1048	1049	1152	1152
8/20/2022 4:00	1048	1048	1152	1152
8/20/2022 5:00	1048	1048	1152	1152
8/20/2022 6:00	1048	1048	1152	1152
8/20/2022 7:00	1048	1049	1152	1152
8/20/2022 8:00	1049	1049	1152	1152
8/20/2022 9:00	1049	1049	1152	1152
8/20/2022 10:00	1048	1049	1152	1152
8/20/2022 11:00	1048	1049	1152	1152
8/20/2022 12:00	1048	1049	1152	1152
8/20/2022 13:00	1048	1048	1152	1152

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	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/20/2022 14:00	1048	1048	1152	1152
8/20/2022 15:00	1048	1048	1152	1152
8/20/2022 16:00	1048	1049	1152	1152
8/20/2022 17:00	1048	1049	1152	1152
8/20/2022 18:00	1048	1048	1152	1152
8/20/2022 19:00	1048	1048	1152	1152
8/20/2022 20:00	1048	1048	1152	1152
8/20/2022 21:00	1048	1048	1152	1152
8/20/2022 22:00	1047	1048	1152	1152
8/20/2022 23:00	1047	1047	1152	1152
8/21/2022 0:00	1047	1047	1152	1152
8/21/2022 1:00	1047	1048	1152	1152
8/21/2022 2:00	1048	1048	1152	1152
8/21/2022 3:00	1048	1048	1152	1152
8/21/2022 4:00	1048	1048	1152	1152
8/21/2022 5:00	1048	1048	1152	1152
8/21/2022 6:00	1048	1048	1152	1152
8/21/2022 7:00	1048	1049	1152	1152
8/21/2022 8:00	1049	1049	1152	1152
8/21/2022 9:00	1049	1049	1152	1152
8/21/2022 10:00	1048	1049	1152	1152
8/21/2022 11:00	1048	1048	1152	1152
8/21/2022 12:00	1048	1048	1152	1152
8/21/2022 13:00	1048	1048	1152	1152
8/21/2022 14:00	1048	1048	1152	1152
8/21/2022 15:00	1048	1048	1152	1152
8/21/2022 16:00	1048	1048	1152	1178
8/21/2022 17:00	1048	1048	1178	1179
8/21/2022 18:00	1048	1048	1173	1179
8/21/2022 19:00	1048	1048	1172	1173
8/21/2022 20:00	1048	1049	1173	1176
8/21/2022 21:00	1049	1049	1176	1177
8/21/2022 22:00	1049	1049	1177	1178
8/21/2022 23:00	1049	1049	1178	1179
8/22/2022 0:00	1049	1049	1179	1180
8/22/2022 1:00	1048	1049	1180	1180
8/22/2022 2:00	1048	1049	1180	1180
8/22/2022 3:00	1049	1049	1179	1180
8/22/2022 4:00	1049	1049	1179	1180
8/22/2022 5:00	1049	1049	1172	1180
8/22/2022 6:00	1049	1049	1171	1172
8/22/2022 7:00	1049	1049	1171	1176
8/22/2022 8:00	1049	1049	1176	1180
8/22/2022 9:00	1049	1049	1180	1196
8/22/2022 10:00	1048	1049	1196	1196
8/22/2022 11:00	1048	1048	1189	1196
8/22/2022 12:00	1048	1048	1185	1196
8/22/2022 13:00	1048	1048	1182	1185
8/22/2022 14:00	1048	1048	1179	1182
8/22/2022 15:00	1048	1048	1179	1185
8/22/2022 16:00	1048	1048	1185	1190
8/22/2022 17:00	1048	1048	1187	1190
8/22/2022 18:00	1048	1048	1188	1195
8/22/2022 19:00	1048	1048	1194	1195
8/22/2022 20:00	1048	1049	1191	1195
8/22/2022 21:00	1049	1049	1186	1191
8/22/2022 22:00	1049	1049	1186	1189
8/22/2022 23:00	1048	1049	1186	1190
8/23/2022 0:00	1048	1048	1186	1189
8/23/2022 1:00	1048	1049	1189	1191
8/23/2022 2:00	1049	1049	1191	1193
8/23/2022 3:00	1049	1049	1192	1193
8/23/2022 4:00	1049	1049	1192	1194
8/23/2022 5:00	1049	1050	1192	1195
8/23/2022 6:00	1050	1050	1171	1195
8/23/2022 7:00	1050	1050	1168	1178
8/23/2022 8:00	1050	1050	1178	1191
8/23/2022 9:00	1050	1050	800	1191
8/23/2022 10:00	1050	1050	1180	1180
8/23/2022 11:00	1050	1050	1180	1180
8/23/2022 12:00	1049	1050	1180	1180
8/23/2022 13:00	1048	1049	1180	1180
8/23/2022 14:00	1048	1048	1180	1180
8/23/2022 15:00	1048	1048	1180	1192
8/23/2022 16:00	1048	1048	1192	1192
8/23/2022 17:00	1048	1048	1192	1192
8/23/2022 18:00	1048	1048	1192	1192
8/23/2022 19:00	1048	1048	1192	1192
8/23/2022 20:00	1048	1048	1192	1192
8/23/2022 21:00	1048	1048	1192	1192

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	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/23/2022 22:00	1048	1048	1192	1192
8/23/2022 23:00	1048	1049	1192	1192
8/24/2022 0:00	1048	1049	1192	1192
8/24/2022 1:00	1048	1048	1192	1192
8/24/2022 2:00	1048	1049	1192	1192
8/24/2022 3:00	1049	1049	1192	1192
8/24/2022 4:00	1049	1049	1192	1192
8/24/2022 5:00	1049	1049	1192	1192
8/24/2022 6:00	1049	1049	1192	1192
8/24/2022 7:00	1049	1049	1192	1192
8/24/2022 8:00	1049	1049	1192	1192
8/24/2022 9:00	1049	1049	1192	1200
8/24/2022 10:00	1049	1049	1200	1200
8/24/2022 11:00	1049	1050	1200	1200
8/24/2022 12:00	1050	1050	1200	1200
8/24/2022 13:00	1050	1050	1196	1200
8/24/2022 14:00	1050	1050	1196	1200
8/24/2022 15:00	1050	1051	1200	1200
8/24/2022 16:00	1050	1051	1200	1200
8/24/2022 17:00	1050	1050	1200	1200
8/24/2022 18:00	1050	1050	1200	1200
8/24/2022 19:00	1050	1050	1200	1200
8/24/2022 20:00	1050	1050	1200	1200
8/24/2022 21:00	1049	1050	1200	1200
8/24/2022 22:00	1049	1049	1200	1200
8/24/2022 23:00	1049	1049	1200	1200
8/25/2022 0:00	1049	1049	1200	1200
8/25/2022 1:00	1049	1049	1200	1200
8/25/2022 2:00	1049	1049	1200	1200
8/25/2022 3:00	1049	1049	1200	1200
8/25/2022 4:00	1049	1049	1200	1200
8/25/2022 5:00	1047	1049	1200	1200
8/25/2022 6:00	1046	1047	1200	1200
8/25/2022 7:00	1046	1046	1200	1200
8/25/2022 8:00	1045	1046	1200	1200
8/25/2022 9:00	1045	1045	1200	1200
8/25/2022 10:00	1045	1045	1200	1200
8/25/2022 11:00	1044	1045	1200	1200
8/25/2022 12:00	1044	1045	1200	1200
8/25/2022 13:00	1045	1045	1197	1200
8/25/2022 14:00	1045	1045	1192	1197
8/25/2022 15:00	1045	1046	1192	1198
8/25/2022 16:00	1046	1047	1198	1198
8/25/2022 17:00	1047	1048	1197	1198
8/25/2022 18:00	1048	1048	1194	1197
8/25/2022 19:00	1047	1048	1194	1195
8/25/2022 20:00	1045	1047	1195	1199
8/25/2022 21:00	1044	1045	1194	1200
8/25/2022 22:00	1043	1044	1188	1194
8/25/2022 23:00	1043	1044	1181	1188
8/26/2022 0:00	1044	1045	1181	1181
8/26/2022 1:00	1045	1045	1180	1194
8/26/2022 2:00	1045	1046	1194	1194
8/26/2022 3:00	1045	1046	1194	1197
8/26/2022 4:00	1043	1045	1197	1198
8/26/2022 5:00	1040	1043	1197	1197
8/26/2022 6:00	1038	1040	1196	1197
8/26/2022 7:00	1036	1038	1191	1196
8/26/2022 8:00	1033	1036	1182	1191
8/26/2022 9:00	1032	1033	1182	1184
8/26/2022 10:00	1031	1032	1181	1188
8/26/2022 11:00	1031	1031	1178	1188
8/26/2022 12:00	1031	1031	1182	1200
8/26/2022 13:00	1031	1031	1200	1200
8/26/2022 14:00	1031	1032	1200	1200
8/26/2022 15:00	1032	1033	1200	1200
8/26/2022 16:00	1033	1033	1197	1200
8/26/2022 17:00	1033	1033	1195	1197
8/26/2022 18:00	1033	1034	1191	1195
8/26/2022 19:00	1034	1034	1187	1191
8/26/2022 20:00	1034	1035	1183	1187
8/26/2022 21:00	1035	1035	1179	1183
8/26/2022 22:00	1035	1035	1179	1187
8/26/2022 23:00	1035	1035	1186	1187
8/27/2022 0:00	1034	1035	1186	1190
8/27/2022 1:00	1033	1034	1190	1196
8/27/2022 2:00	1033	1033	1196	1199
8/27/2022 3:00	1033	1033	1197	1199
8/27/2022 4:00	1032	1033	1198	1199
8/27/2022 5:00	1032	1032	1199	1200

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	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/27/2022 6:00	1032	1032	1200	1200
8/27/2022 7:00	1032	1032	1200	1200
8/27/2022 8:00	1032	1033	1197	1200
8/27/2022 9:00	1033	1033	1195	1197
8/27/2022 10:00	1033	1034	1193	1195
8/27/2022 11:00	1034	1034	1192	1193
8/27/2022 12:00	1034	1035	1192	1192
8/27/2022 13:00	1035	1035	1192	1199
8/27/2022 14:00	1035	1035	1199	1200
8/27/2022 15:00	1035	1035	1200	1200
8/27/2022 16:00	1035	1035	1200	1200
8/27/2022 17:00	1035	1035	1200	1200
8/27/2022 18:00	1035	1035	1200	1200
8/27/2022 19:00	1035	1036	1200	1200
8/27/2022 20:00	1035	1036	1200	1200
8/27/2022 21:00	1035	1035	1200	1200
8/27/2022 22:00	1035	1035	1200	1200
8/27/2022 23:00	1034	1035	1200	1200
8/28/2022 0:00	1034	1035	1194	1200
8/28/2022 1:00	1034	1035	1186	1194
8/28/2022 2:00	1034	1034	1186	1189
8/28/2022 3:00	1033	1034	1189	1196
8/28/2022 4:00	1033	1033	1195	1199
8/28/2022 5:00	1033	1033	1199	1199
8/28/2022 6:00	1033	1033	1198	1199
8/28/2022 7:00	1033	1033	1197	1199
8/28/2022 8:00	1033	1033	1197	1197
8/28/2022 9:00	1033	1033	1197	1200
8/28/2022 10:00	1033	1033	1200	1200
8/28/2022 11:00	1033	1033	1200	1200
8/28/2022 12:00	1033	1034	1200	1200
8/28/2022 13:00	1033	1034	1200	1200
8/28/2022 14:00	1033	1034	1200	1200
8/28/2022 15:00	1033	1034	1200	1200
8/28/2022 16:00	1033	1033	1200	1200
8/28/2022 17:00	1033	1033	1200	1200
8/28/2022 18:00	1033	1033	1200	1200
8/28/2022 19:00	1033	1033	1200	1200
8/28/2022 20:00	1033	1033	1200	1200
8/28/2022 21:00	1032	1033	1196	1200
8/28/2022 22:00	1032	1032	1194	1196
8/28/2022 23:00	1032	1032	1193	1194
8/29/2022 0:00	1032	1032	1193	1200
8/29/2022 1:00	1032	1032	1200	1200
8/29/2022 2:00	1031	1032	1200	1200
8/29/2022 3:00	1031	1031	1200	1200
8/29/2022 4:00	1031	1031	1200	1200
8/29/2022 5:00	1030	1031	1200	1200
8/29/2022 6:00	1030	1030	1200	1200
8/29/2022 7:00	1030	1030	1200	1200
8/29/2022 8:00	1030	1031	1200	1200
8/29/2022 9:00	1030	1031	1200	1200
8/29/2022 10:00	1030	1030	1200	1200
8/29/2022 11:00	1030	1031	1200	1200
8/29/2022 12:00	1031	1031	1200	1200
8/29/2022 13:00	1031	1031	1200	1200
8/29/2022 14:00	1031	1032	1198	1200
8/29/2022 15:00	1032	1032	1200	1200
8/29/2022 16:00	1032	1032	1200	1200
8/29/2022 17:00	1031	1032	1200	1200
8/29/2022 18:00	1031	1031	1197	1200
8/29/2022 19:00	1031	1031	1195	1197
8/29/2022 20:00	1031	1032	1195	1200
8/29/2022 21:00	1031	1032	1200	1200
8/29/2022 22:00	1031	1031	1200	1200
8/29/2022 23:00	1031	1031	1199	1200
8/30/2022 0:00	1031	1031	1194	1199
8/30/2022 1:00	1031	1031	1194	1197
8/30/2022 2:00	1031	1031	1197	1200
8/30/2022 3:00	1031	1031	1200	1200
8/30/2022 4:00	1031	1032	1200	1200
8/30/2022 5:00	1032	1032	1200	1200
8/30/2022 6:00	1032	1032	1200	1200
8/30/2022 7:00	1032	1032	1200	1200
8/30/2022 8:00	1032	1032	1200	1200
8/30/2022 9:00	1031	1032	1200	1200
8/30/2022 10:00	1031	1031	1200	1200
8/30/2022 11:00	1031	1031	1200	1200
8/30/2022 12:00	1031	1031	1200	1200
8/30/2022 13:00	1031	1031	1200	1200

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

	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
Date/Time	Min BTU	Max BTU	Min BTU	Max BTU
8/30/2022 14:00	1030	1031	1200	1200
8/30/2022 15:00	1030	1031	1200	1200
8/30/2022 16:00	1030	1031	1200	1200
8/30/2022 17:00	1030	1030	1200	1200
8/30/2022 18:00	1030	1031	1200	1200
8/30/2022 19:00	1031	1031	1200	1200
8/30/2022 20:00	1031	1031	1200	1200
8/30/2022 21:00	1031	1032	1200	1200
8/30/2022 22:00	1031	1032	1200	1200
8/30/2022 23:00	1031	1031	1200	1200
8/31/2022 0:00	1031	1031	1200	1200
8/31/2022 1:00	1031	1031	1200	1200
8/31/2022 2:00	1031	1031	1200	1200
8/31/2022 3:00	1031	1031	1200	1200
8/31/2022 4:00	1031	1031	1200	1200
8/31/2022 5:00	1030	1031	1200	1200
8/31/2022 6:00	1030	1031	1200	1200
8/31/2022 7:00	1030	1031	1200	1200
8/31/2022 8:00	1030	1031	1200	1200
8/31/2022 9:00	1031	1031	1200	1200
8/31/2022 10:00	1031	1031	1200	1200
8/31/2022 11:00	1030	1031	1200	1200
8/31/2022 12:00	1030	1030	1200	1200
8/31/2022 13:00	1030	1030	1200	1200
8/31/2022 14:00	1030	1030	1200	1200
8/31/2022 15:00	1030	1030	1199	1200
8/31/2022 16:00	1030	1030	1200	1200
8/31/2022 17:00	1030	1030	1184	1200
8/31/2022 18:00	1030	1030	1183	1186
8/31/2022 19:00	1030	1030	1183	1186
8/31/2022 20:00	1030	1030	1182	1191
8/31/2022 21:00	1030	1030	1191	1191
8/31/2022 22:00	1030	1030	1191	1191
8/31/2022 23:00	1030	1030	1191	1196