



825 Rice Street
Saint Paul, MN 55117

November 30, 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 October 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
10/1/2021 0:00	1069	1069	1199	1200
10/1/2021 1:00	1069	1069	1200	1200
10/1/2021 2:00	1068	1069	1200	1200
10/1/2021 3:00	1066	1068	1200	1200
10/1/2021 4:00	1066	1066	1200	1200
10/1/2021 5:00	1061	1066	1200	1200
10/1/2021 6:00	1060	1061	1200	1200
10/1/2021 7:00	1058	1060	1200	1200
10/1/2021 8:00	1056	1058	1200	1200
10/1/2021 9:00	1056	1056	1200	1200
10/1/2021 10:00	1056	1056	1200	1200
10/1/2021 11:00	1056	1056	1200	1200
10/1/2021 12:00	1056	1056	1200	1200
10/1/2021 13:00	1056	1056	1200	1200
10/1/2021 14:00	1056	1056	1200	1200
10/1/2021 15:00	1056	1056	1200	1200
10/1/2021 16:00	1056	1056	1200	1200
10/1/2021 17:00	1056	1056	1200	1200
10/1/2021 18:00	1056	1056	1200	1200
10/1/2021 19:00	1056	1056	1200	1200
10/1/2021 20:00	1056	1056	1200	1200
10/1/2021 21:00	1056	1056	1195	1200
10/1/2021 22:00	1056	1057	1194	1195
10/1/2021 23:00	1057	1057	1193	1194
10/2/2021 0:00	1057	1057	1191	1193
10/2/2021 1:00	1057	1057	1191	1196
10/2/2021 2:00	1057	1058	1196	1200
10/2/2021 3:00	1058	1061	1200	1200
10/2/2021 4:00	1061	1062	1200	1200
10/2/2021 5:00	1062	1063	1200	1200
10/2/2021 6:00	1063	1063	1200	1200
10/2/2021 7:00	1062	1063	1200	1200
10/2/2021 8:00	1062	1062	1200	1200
10/2/2021 9:00	1059	1062	1200	1200
10/2/2021 10:00	1058	1059	1200	1200
10/2/2021 11:00	1058	1059	1200	1200
10/2/2021 12:00	1059	1059	1200	1200
10/2/2021 13:00	1059	1059	1200	1200
10/2/2021 14:00	1059	1059	1200	1200
10/2/2021 15:00	1059	1059	1198	1200
10/2/2021 16:00	1059	1059	1189	1198
10/2/2021 17:00	1059	1059	1189	1191
10/2/2021 18:00	1059	1059	1191	1194
10/2/2021 19:00	1059	1059	1194	1197
10/2/2021 20:00	1058	1059	1197	1197
10/2/2021 21:00	1058	1058	1197	1199
10/2/2021 22:00	1058	1059	1198	1199
10/2/2021 23:00	1059	1059	1198	1199
10/3/2021 0:00	1059	1059	1199	1200
10/3/2021 1:00	1059	1059	1200	1200
10/3/2021 2:00	1059	1059	1200	1200
10/3/2021 3:00	1059	1059	1200	1200
10/3/2021 4:00	1059	1059	1200	1200
10/3/2021 5:00	1059	1060	1200	1200
10/3/2021 6:00	1060	1060	1200	1200
10/3/2021 7:00	1060	1060	1200	1200
10/3/2021 8:00	1060	1060	1200	1200
10/3/2021 9:00	1060	1060	1200	1200
10/3/2021 10:00	1060	1061	1200	1200
10/3/2021 11:00	1060	1061	1200	1200
10/3/2021 12:00	1060	1060	1200	1200
10/3/2021 13:00	1060	1060	1196	1200
10/3/2021 14:00	1060	1060	1190	1196
10/3/2021 15:00	1060	1060	1190	1191
10/3/2021 16:00	1060	1060	1190	1192
10/3/2021 17:00	1060	1060	1191	1194
10/3/2021 18:00	1060	1060	1194	1198
10/3/2021 19:00	1060	1060	1198	1199
10/3/2021 20:00	1059	1060	1199	1200
10/3/2021 21:00	1058	1059	1200	1200
10/3/2021 22:00	1058	1058	1200	1200
10/3/2021 23:00	1058	1058	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
10/4/2021 0:00	1056	1058	1200	1200
10/4/2021 1:00	1056	1056	1200	1200
10/4/2021 2:00	1055	1056	1200	1200
10/4/2021 3:00	1055	1055	1200	1200
10/4/2021 4:00	1054	1055	1200	1200
10/4/2021 5:00	1054	1056	1200	1200
10/4/2021 6:00	1056	1056	1200	1200
10/4/2021 7:00	1056	1058	1200	1200
10/4/2021 8:00	1058	1058	1200	1200
10/4/2021 9:00	1058	1058	1200	1200
10/4/2021 10:00	1058	1059	1200	1200
10/4/2021 11:00	1059	1059	1200	1200
10/4/2021 12:00	1059	1059	1200	1200
10/4/2021 13:00	1058	1059	1200	1200
10/4/2021 14:00	1058	1061	1200	1200
10/4/2021 15:00	1061	1061	1196	1200
10/4/2021 16:00	1061	1062	1194	1196
10/4/2021 17:00	1062	1063	1195	1197
10/4/2021 18:00	1063	1063	1196	1197
10/4/2021 19:00	1061	1063	1195	1196
10/4/2021 20:00	1061	1062	1196	1198
10/4/2021 21:00	1062	1062	1198	1200
10/4/2021 22:00	1060	1062	1200	1200
10/4/2021 23:00	1058	1060	1200	1200
10/5/2021 0:00	1058	1059	1200	1200
10/5/2021 1:00	1058	1059	1200	1200
10/5/2021 2:00	1058	1058	1200	1200
10/5/2021 3:00	1057	1058	1200	1200
10/5/2021 4:00	1057	1058	1200	1200
10/5/2021 5:00	1058	1059	1200	1200
10/5/2021 6:00	1059	1059	1200	1200
10/5/2021 7:00	1058	1059	1200	1200
10/5/2021 8:00	1057	1058	1200	1200
10/5/2021 9:00	1056	1057	1200	1200
10/5/2021 10:00	1056	1056	1200	1200
10/5/2021 11:00	1056	1056	1200	1200
10/5/2021 12:00	1056	1056	1200	1200
10/5/2021 13:00	1056	1056	1199	1200
10/5/2021 14:00	1055	1056	1197	1200
10/5/2021 15:00	1055	1055	1192	1197
10/5/2021 16:00	1055	1055	1192	1196
10/5/2021 17:00	1055	1055	1196	1198
10/5/2021 18:00	1054	1055	1197	1198
10/5/2021 19:00	1054	1055	1198	1198
10/5/2021 20:00	1055	1055	1198	1198
10/5/2021 21:00	1054	1055	1198	1199
10/5/2021 22:00	1054	1054	1198	1199
10/5/2021 23:00	1054	1054	1198	1198
10/6/2021 0:00	1053	1054	1198	1198
10/6/2021 1:00	1052	1053	1198	1199
10/6/2021 2:00	1052	1053	1199	1200
10/6/2021 3:00	1052	1053	1200	1200
10/6/2021 4:00	1052	1053	1200	1200
10/6/2021 5:00	1053	1053	1200	1200
10/6/2021 6:00	1051	1053	1200	1200
10/6/2021 7:00	1051	1051	1200	1200
10/6/2021 8:00	1051	1051	1200	1200
10/6/2021 9:00	1051	1051	1200	1200
10/6/2021 10:00	1051	1051	1200	1200
10/6/2021 11:00	1051	1051	1200	1200
10/6/2021 12:00	1051	1051	1200	1200
10/6/2021 13:00	1051	1051	1200	1200
10/6/2021 14:00	1051	1051	1200	1200
10/6/2021 15:00	1051	1051	1200	1200
10/6/2021 16:00	1051	1051	1200	1200
10/6/2021 17:00	1051	1052	1200	1200
10/6/2021 18:00	1052	1052	1200	1200
10/6/2021 19:00	1052	1052	1200	1200
10/6/2021 20:00	1052	1052	1198	1200
10/6/2021 21:00	1052	1053	1197	1200
10/6/2021 22:00	1052	1053	1200	1200
10/6/2021 23:00	1052	1052	1200	1200
10/7/2021 0:00	1052	1052	1200	1200
10/7/2021 1:00	1052	1052	1200	1200
10/7/2021 2:00	1052	1052	1200	1200
10/7/2021 3:00	1052	1053	1200	1200
10/7/2021 4:00	1053	1053	1200	1200
10/7/2021 5:00	1053	1053	1200	1200
10/7/2021 6:00	1053	1053	1200	1200
10/7/2021 7:00	1053	1054	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
10/7/2021 8:00	1053	1054	1200	1200
10/7/2021 9:00	1053	1053	1200	1200
10/7/2021 10:00	1053	1053	1200	1200
10/7/2021 11:00	1053	1053	1200	1200
10/7/2021 12:00	1053	1053	1200	1200
10/7/2021 13:00	1052	1053	1200	1200
10/7/2021 14:00	1052	1053	1200	1200
10/7/2021 15:00	1052	1053	1200	1200
10/7/2021 16:00	1052	1052	1200	1200
10/7/2021 17:00	1051	1052	1200	1200
10/7/2021 18:00	1051	1051	1200	1200
10/7/2021 19:00	1051	1051	1200	1200
10/7/2021 20:00	1051	1052	1199	1200
10/7/2021 21:00	1050	1052	1200	1200
10/7/2021 22:00	1050	1050	1200	1200
10/7/2021 23:00	1049	1050	1200	1200
10/8/2021 0:00	1049	1049	1200	1200
10/8/2021 1:00	1049	1049	1200	1200
10/8/2021 2:00	1049	1049	1200	1200
10/8/2021 3:00	1049	1049	1200	1200
10/8/2021 4:00	1049	1049	1200	1200
10/8/2021 5:00	1049	1050	1200	1200
10/8/2021 6:00	1050	1051	1200	1200
10/8/2021 7:00	1051	1053	1200	1200
10/8/2021 8:00	1053	1054	1200	1200
10/8/2021 9:00	1054	1055	1200	1200
10/8/2021 10:00	1054	1055	1200	1200
10/8/2021 11:00	1054	1054	1200	1200
10/8/2021 12:00	1053	1054	1200	1200
10/8/2021 13:00	1053	1053	1200	1200
10/8/2021 14:00	1052	1053	1200	1200
10/8/2021 15:00	1051	1052	1200	1200
10/8/2021 16:00	1051	1051	1200	1200
10/8/2021 17:00	1050	1051	1200	1200
10/8/2021 18:00	1050	1051	1200	1200
10/8/2021 19:00	1051	1052	1200	1200
10/8/2021 20:00	1051	1052	1200	1200
10/8/2021 21:00	1049	1051	1200	1200
10/8/2021 22:00	1049	1049	1200	1200
10/8/2021 23:00	1049	1049	1200	1200
10/9/2021 0:00	1049	1050	1200	1200
10/9/2021 1:00	1050	1050	1200	1200
10/9/2021 2:00	1050	1050	1200	1200
10/9/2021 3:00	1049	1050	1200	1200
10/9/2021 4:00	1048	1049	1200	1200
10/9/2021 5:00	1048	1048	1200	1200
10/9/2021 6:00	1048	1048	1200	1200
10/9/2021 7:00	1047	1048	1200	1200
10/9/2021 8:00	1046	1047	1200	1200
10/9/2021 9:00	1045	1046	1200	1200
10/9/2021 10:00	1045	1045	1200	1200
10/9/2021 11:00	1045	1045	1200	1200
10/9/2021 12:00	1045	1045	1200	1200
10/9/2021 13:00	1045	1045	1200	1200
10/9/2021 14:00	1045	1045	1200	1200
10/9/2021 15:00	1045	1045	1200	1200
10/9/2021 16:00	1045	1045	1200	1200
10/9/2021 17:00	1045	1045	1200	1200
10/9/2021 18:00	1045	1046	1200	1200
10/9/2021 19:00	1046	1046	1200	1200
10/9/2021 20:00	1046	1046	1200	1200
10/9/2021 21:00	1045	1046	1200	1200
10/9/2021 22:00	1045	1045	1200	1200
10/9/2021 23:00	1045	1045	1200	1200
10/10/2021 0:00	1045	1046	1200	1200
10/10/2021 1:00	1045	1046	1200	1200
10/10/2021 2:00	1045	1045	1200	1200
10/10/2021 3:00	1045	1045	1200	1200
10/10/2021 4:00	1044	1045	1200	1200
10/10/2021 5:00	1044	1045	1200	1200
10/10/2021 6:00	1044	1045	1200	1200
10/10/2021 7:00	1044	1045	1200	1200
10/10/2021 8:00	1045	1045	1200	1200
10/10/2021 9:00	1045	1046	1200	1200
10/10/2021 10:00	1046	1046	1200	1200
10/10/2021 11:00	1046	1047	1200	1200
10/10/2021 12:00	1047	1047	1200	1200
10/10/2021 13:00	1047	1047	1200	1200
10/10/2021 14:00	1047	1047	1200	1200
10/10/2021 15:00	1047	1047	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
10/10/2021 16:00	1046	1047	1200	1200
10/10/2021 17:00	1046	1046	1200	1200
10/10/2021 18:00	1045	1046	1200	1200
10/10/2021 19:00	1045	1045	1200	1200
10/10/2021 20:00	1045	1045	1200	1200
10/10/2021 21:00	1045	1045	1200	1200
10/10/2021 22:00	1045	1045	1200	1200
10/10/2021 23:00	1045	1046	1200	1200
10/11/2021 0:00	1045	1046	1200	1200
10/11/2021 1:00	1045	1046	1200	1200
10/11/2021 2:00	1045	1046	1200	1200
10/11/2021 3:00	1045	1045	1200	1200
10/11/2021 4:00	1045	1046	1200	1200
10/11/2021 5:00	1046	1046	1200	1200
10/11/2021 6:00	1046	1046	1200	1200
10/11/2021 7:00	1046	1046	1200	1200
10/11/2021 8:00	1046	1047	1200	1200
10/11/2021 9:00	1046	1047	1200	1200
10/11/2021 10:00	1046	1047	1200	1200
10/11/2021 11:00	1046	1047	1200	1200
10/11/2021 12:00	1046	1046	1200	1200
10/11/2021 13:00	1046	1046	1200	1200
10/11/2021 14:00	1046	1046	1200	1200
10/11/2021 15:00	1046	1046	1200	1200
10/11/2021 16:00	1045	1046	1200	1200
10/11/2021 17:00	1045	1045	1200	1200
10/11/2021 18:00	1042	1045	1200	1200
10/11/2021 19:00	1042	1042	1200	1200
10/11/2021 20:00	1042	1042	1200	1200
10/11/2021 21:00	1042	1042	1200	1200
10/11/2021 22:00	1042	1042	1200	1200
10/11/2021 23:00	1042	1042	1200	1200
10/12/2021 0:00	1042	1042	1200	1200
10/12/2021 1:00	1042	1042	1200	1200
10/12/2021 2:00	1042	1042	1200	1200
10/12/2021 3:00	1042	1042	1200	1200
10/12/2021 4:00	1042	1042	1200	1200
10/12/2021 5:00	1042	1042	1200	1200
10/12/2021 6:00	1042	1042	1200	1200
10/12/2021 7:00	1042	1043	1200	1200
10/12/2021 8:00	1043	1043	1200	1200
10/12/2021 9:00	1043	1044	1200	1200
10/12/2021 10:00	1044	1044	1200	1200
10/12/2021 11:00	1044	1045	1200	1200
10/12/2021 12:00	1045	1045	1200	1200
10/12/2021 13:00	1045	1045	1200	1200
10/12/2021 14:00	1045	1045	1200	1200
10/12/2021 15:00	1045	1045	1200	1200
10/12/2021 16:00	1045	1045	1200	1200
10/12/2021 17:00	1045	1045	1200	1200
10/12/2021 18:00	1045	1045	1200	1200
10/12/2021 19:00	1045	1045	1200	1200
10/12/2021 20:00	1045	1045	1200	1200
10/12/2021 21:00	1045	1045	1200	1200
10/12/2021 22:00	1045	1045	1200	1200
10/12/2021 23:00	1045	1045	1200	1200
10/13/2021 0:00	1045	1045	1200	1200
10/13/2021 1:00	1045	1045	1200	1200
10/13/2021 2:00	1045	1045	1200	1200
10/13/2021 3:00	1045	1045	1200	1200
10/13/2021 4:00	1045	1046	1200	1200
10/13/2021 5:00	1046	1046	1200	1200
10/13/2021 6:00	1046	1046	1200	1200
10/13/2021 7:00	1046	1046	1200	1200
10/13/2021 8:00	1046	1046	1200	1200
10/13/2021 9:00	1046	1046	1200	1200
10/13/2021 10:00	1045	1046	1200	1200
10/13/2021 11:00	1045	1045	1200	1200
10/13/2021 12:00	1045	1045	1200	1200
10/13/2021 13:00	1045	1045	1200	1200
10/13/2021 14:00	1045	1045	1199	1200
10/13/2021 15:00	1045	1045	1200	1200
10/13/2021 16:00	1044	1045	1200	1200
10/13/2021 17:00	1044	1044	1200	1200
10/13/2021 18:00	1044	1044	1200	1200
10/13/2021 19:00	1044	1044	1200	1200
10/13/2021 20:00	1044	1044	1200	1200
10/13/2021 21:00	1044	1044	1200	1200
10/13/2021 22:00	1044	1044	1200	1200
10/13/2021 23:00	1044	1044	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
10/14/2021 0:00	1044	1045	1200	1200
10/14/2021 1:00	1045	1045	1200	1200
10/14/2021 2:00	1045	1045	1200	1200
10/14/2021 3:00	1045	1045	1200	1200
10/14/2021 4:00	1044	1045	1200	1200
10/14/2021 5:00	1044	1044	1200	1200
10/14/2021 6:00	1043	1044	1200	1200
10/14/2021 7:00	1043	1043	1200	1200
10/14/2021 8:00	1043	1043	1200	1200
10/14/2021 9:00	1043	1043	1200	1200
10/14/2021 10:00	1043	1043	1200	1200
10/14/2021 11:00	1043	1043	1200	1200
10/14/2021 12:00	1043	1044	1200	1200
10/14/2021 13:00	1043	1044	1200	1200
10/14/2021 14:00	1043	1043	1200	1200
10/14/2021 15:00	1043	1044	1200	1200
10/14/2021 16:00	1043	1044	1200	1200
10/14/2021 17:00	1043	1044	1200	1200
10/14/2021 18:00	1044	1044	1200	1200
10/14/2021 19:00	1044	1045	1200	1200
10/14/2021 20:00	1044	1045	1200	1200
10/14/2021 21:00	1044	1044	1200	1200
10/14/2021 22:00	1044	1044	1200	1200
10/14/2021 23:00	1044	1044	1200	1200
10/15/2021 0:00	1043	1044	1200	1200
10/15/2021 1:00	1043	1043	1200	1200
10/15/2021 2:00	1043	1043	1200	1200
10/15/2021 3:00	1043	1043	1200	1200
10/15/2021 4:00	1043	1043	1200	1200
10/15/2021 5:00	1043	1043	1200	1200
10/15/2021 6:00	1043	1044	1200	1200
10/15/2021 7:00	1044	1045	1200	1200
10/15/2021 8:00	1045	1045	1200	1200
10/15/2021 9:00	1045	1045	1200	1200
10/15/2021 10:00	1045	1046	1200	1200
10/15/2021 11:00	1045	1046	1200	1200
10/15/2021 12:00	1045	1045	1200	1200
10/15/2021 13:00	1045	1045	1200	1200
10/15/2021 14:00	1045	1045	1200	1200
10/15/2021 15:00	1044	1045	1200	1200
10/15/2021 16:00	1043	1044	1200	1200
10/15/2021 17:00	1042	1043	1200	1200
10/15/2021 18:00	1042	1042	1200	1200
10/15/2021 19:00	1042	1042	1200	1200
10/15/2021 20:00	1042	1042	1200	1200
10/15/2021 21:00	1042	1042	1200	1200
10/15/2021 22:00	1042	1042	1200	1200
10/15/2021 23:00	1042	1042	1200	1200
10/16/2021 0:00	1042	1042	1200	1200
10/16/2021 1:00	1042	1042	1200	1200
10/16/2021 2:00	1042	1042	1200	1200
10/16/2021 3:00	1042	1042	1200	1200
10/16/2021 4:00	1041	1042	1200	1200
10/16/2021 5:00	1041	1041	1200	1200
10/16/2021 6:00	1041	1041	1200	1200
10/16/2021 7:00	1041	1042	1200	1200
10/16/2021 8:00	1042	1042	1200	1200
10/16/2021 9:00	1042	1042	1200	1200
10/16/2021 10:00	1041	1042	1200	1200
10/16/2021 11:00	1041	1041	1200	1200
10/16/2021 12:00	1041	1041	1200	1200
10/16/2021 13:00	1041	1041	1200	1200
10/16/2021 14:00	1041	1041	1200	1200
10/16/2021 15:00	1041	1041	1200	1200
10/16/2021 16:00	1040	1041	1200	1200
10/16/2021 17:00	1040	1040	1200	1200
10/16/2021 18:00	1040	1040	1200	1200
10/16/2021 19:00	1040	1040	1200	1200
10/16/2021 20:00	1040	1040	1200	1200
10/16/2021 21:00	1040	1040	1200	1200
10/16/2021 22:00	1040	1040	1200	1200
10/16/2021 23:00	1040	1040	1200	1200
10/17/2021 0:00	1040	1041	1200	1200
10/17/2021 1:00	1041	1041	1200	1200
10/17/2021 2:00	1041	1041	1200	1200
10/17/2021 3:00	1041	1041	1200	1200
10/17/2021 4:00	1041	1041	1200	1200
10/17/2021 5:00	1041	1041	1200	1200
10/17/2021 6:00	1041	1041	1200	1200
10/17/2021 7:00	1041	1041	1200	1200

Xcel Energy
Natural Gas Utility - State of North Dakota
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/17/2021 8:00	1041	1041	1200	1200
10/17/2021 9:00	1041	1041	1200	1200
10/17/2021 10:00	1041	1041	1200	1200
10/17/2021 11:00	1041	1041	1200	1200
10/17/2021 12:00	1041	1041	1200	1200
10/17/2021 13:00	1041	1041	1200	1200
10/17/2021 14:00	1041	1041	1200	1200
10/17/2021 15:00	1041	1041	1200	1200
10/17/2021 16:00	1040	1041	1200	1200
10/17/2021 17:00	1040	1040	1200	1200
10/17/2021 18:00	1040	1040	1200	1200
10/17/2021 19:00	1040	1040	1200	1200
10/17/2021 20:00	1040	1040	1200	1200
10/17/2021 21:00	1040	1040	1200	1200
10/17/2021 22:00	1040	1041	1200	1200
10/17/2021 23:00	1041	1041	1200	1200
10/18/2021 0:00	1041	1041	1200	1200
10/18/2021 1:00	1041	1041	1200	1200
10/18/2021 2:00	1041	1041	1200	1200
10/18/2021 3:00	1040	1041	1200	1200
10/18/2021 4:00	1040	1040	1200	1200
10/18/2021 5:00	1040	1040	1200	1200
10/18/2021 6:00	1040	1040	1200	1200
10/18/2021 7:00	1040	1040	1200	1200
10/18/2021 8:00	1040	1040	1200	1200
10/18/2021 9:00	1040	1040	1200	1200
10/18/2021 10:00	1040	1040	1199	1200
10/18/2021 11:00	1039	1040	1195	1199
10/18/2021 12:00	1039	1039	1195	1197
10/18/2021 13:00	1038	1039	1197	1200
10/18/2021 14:00	1038	1038	1200	1200
10/18/2021 15:00	1038	1039	1200	1200
10/18/2021 16:00	1039	1039	1200	1200
10/18/2021 17:00	1039	1039	1200	1200
10/18/2021 18:00	1039	1040	1200	1200
10/18/2021 19:00	1039	1040	1200	1200
10/18/2021 20:00	1039	1040	1200	1200
10/18/2021 21:00	1040	1040	1200	1200
10/18/2021 22:00	1040	1040	1200	1200
10/18/2021 23:00	1040	1040	1200	1200
10/19/2021 0:00	1040	1040	1200	1200
10/19/2021 1:00	1040	1040	1200	1200
10/19/2021 2:00	1040	1040	1200	1200
10/19/2021 3:00	1040	1040	1200	1200
10/19/2021 4:00	1040	1040	1200	1200
10/19/2021 5:00	1040	1040	1200	1200
10/19/2021 6:00	1040	1040	1200	1200
10/19/2021 7:00	1040	1040	1200	1200
10/19/2021 8:00	1040	1040	1200	1200
10/19/2021 9:00	1040	1040	1200	1200
10/19/2021 10:00	1040	1040	1200	1200
10/19/2021 11:00	1040	1040	1200	1200
10/19/2021 12:00	1040	1041	1200	1200
10/19/2021 13:00	1040	1041	1200	1200
10/19/2021 14:00	1040	1040	1200	1200
10/19/2021 15:00	1040	1040	1200	1200
10/19/2021 16:00	1039	1040	1200	1200
10/19/2021 17:00	1039	1039	1200	1200
10/19/2021 18:00	1039	1039	1200	1200
10/19/2021 19:00	1039	1039	1200	1200
10/19/2021 20:00	1039	1040	1200	1200
10/19/2021 21:00	1040	1040	1200	1200
10/19/2021 22:00	1040	1040	1200	1200
10/19/2021 23:00	1040	1040	1200	1200
10/20/2021 0:00	1040	1040	1200	1200
10/20/2021 1:00	1040	1040	1200	1200
10/20/2021 2:00	1040	1040	1200	1200
10/20/2021 3:00	1040	1040	1200	1200
10/20/2021 4:00	1040	1040	1200	1200
10/20/2021 5:00	1040	1040	1200	1200
10/20/2021 6:00	1040	1040	1200	1200
10/20/2021 7:00	1040	1040	1200	1200
10/20/2021 8:00	1040	1040	1200	1200
10/20/2021 9:00	1040	1040	1200	1200
10/20/2021 10:00	1039	1040	1200	1200
10/20/2021 11:00	1039	1040	1200	1200
10/20/2021 12:00	1040	1040	1200	1200
10/20/2021 13:00	1040	1040	1200	1200
10/20/2021 14:00	1040	1040	1200	1200
10/20/2021 15:00	1040	1040	1200	1200

Xcel Energy
Natural Gas Utility - State of North Dakota
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/20/2021 16:00	1040	1040	1200	1200
10/20/2021 17:00	1040	1040	1200	1200
10/20/2021 18:00	1040	1040	1200	1200
10/20/2021 19:00	1040	1040	1198	1200
10/20/2021 20:00	1040	1040	1198	1200
10/20/2021 21:00	1040	1040	1199	1200
10/20/2021 22:00	1040	1040	1199	1200
10/20/2021 23:00	1040	1040	1199	1200
10/21/2021 0:00	1040	1040	1200	1200
10/21/2021 1:00	1039	1040	1200	1200
10/21/2021 2:00	1039	1039	1200	1200
10/21/2021 3:00	1039	1039	1200	1200
10/21/2021 4:00	1039	1039	1200	1200
10/21/2021 5:00	1038	1039	1200	1200
10/21/2021 6:00	1038	1039	1200	1200
10/21/2021 7:00	1039	1039	1200	1200
10/21/2021 8:00	1039	1039	1200	1200
10/21/2021 9:00	1039	1039	1200	1200
10/21/2021 10:00	1039	1039	1200	1200
10/21/2021 11:00	1039	1039	1200	1200
10/21/2021 12:00	1039	1040	1200	1200
10/21/2021 13:00	1040	1040	1198	1200
10/21/2021 14:00	1039	1040	1196	1199
10/21/2021 15:00	1039	1040	1193	1196
10/21/2021 16:00	1039	1040	1193	1193
10/21/2021 17:00	1039	1039	1192	1193
10/21/2021 18:00	1039	1039	1193	1197
10/21/2021 19:00	1039	1039	1197	1199
10/21/2021 20:00	1039	1039	1198	1199
10/21/2021 21:00	1039	1039	1197	1198
10/21/2021 22:00	1039	1039	1196	1197
10/21/2021 23:00	1039	1039	1196	1199
10/22/2021 0:00	1039	1039	1199	1200
10/22/2021 1:00	1039	1039	1200	1200
10/22/2021 2:00	1039	1040	1200	1200
10/22/2021 3:00	1040	1040	1200	1200
10/22/2021 4:00	1040	1041	1200	1200
10/22/2021 5:00	1041	1042	1200	1200
10/22/2021 6:00	1042	1043	1200	1200
10/22/2021 7:00	1043	1043	1200	1200
10/22/2021 8:00	1043	1044	1200	1200
10/22/2021 9:00	1044	1044	1200	1200
10/22/2021 10:00	1044	1044	1200	1200
10/22/2021 11:00	1044	1044	1200	1200
10/22/2021 12:00	1044	1045	1200	1200
10/22/2021 13:00	1044	1045	1200	1200
10/22/2021 14:00	1041	1044	1200	1200
10/22/2021 15:00	1041	1041	1200	1200
10/22/2021 16:00	1040	1041	1200	1200
10/22/2021 17:00	1040	1040	1200	1200
10/22/2021 18:00	1039	1040	1200	1200
10/22/2021 19:00	1039	1040	1200	1200
10/22/2021 20:00	1040	1040	1200	1200
10/22/2021 21:00	1040	1042	1200	1200
10/22/2021 22:00	1042	1043	1200	1200
10/22/2021 23:00	1043	1043	1200	1200
10/23/2021 0:00	1043	1043	1200	1200
10/23/2021 1:00	1043	1044	1200	1200
10/23/2021 2:00	1044	1044	1200	1200
10/23/2021 3:00	1044	1044	1200	1200
10/23/2021 4:00	1044	1045	1200	1200
10/23/2021 5:00	1044	1045	1200	1200
10/23/2021 6:00	1044	1044	1200	1200
10/23/2021 7:00	1044	1044	1200	1200
10/23/2021 8:00	1044	1045	1200	1200
10/23/2021 9:00	1045	1045	1200	1200
10/23/2021 10:00	1045	1047	1200	1200
10/23/2021 11:00	1047	1048	1200	1200
10/23/2021 12:00	1048	1049	1200	1200
10/23/2021 13:00	1048	1049	1200	1200
10/23/2021 14:00	1047	1048	1200	1200
10/23/2021 15:00	1047	1047	1200	1200
10/23/2021 16:00	1047	1047	1200	1200
10/23/2021 17:00	1047	1047	1200	1200
10/23/2021 18:00	1047	1047	1200	1200
10/23/2021 19:00	1045	1047	1200	1200
10/23/2021 20:00	1044	1045	1200	1200
10/23/2021 21:00	1043	1044	1200	1200
10/23/2021 22:00	1043	1044	1200	1200
10/23/2021 23:00	1044	1044	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
10/24/2021 0:00	1042	1044	1200	1200
10/24/2021 1:00	1042	1042	1200	1200
10/24/2021 2:00	1042	1042	1200	1200
10/24/2021 3:00	1042	1042	1200	1200
10/24/2021 4:00	1042	1042	1200	1200
10/24/2021 5:00	1042	1043	1200	1200
10/24/2021 6:00	1043	1043	1200	1200
10/24/2021 7:00	1043	1043	1200	1200
10/24/2021 8:00	1043	1043	1200	1200
10/24/2021 9:00	1043	1043	1200	1200
10/24/2021 10:00	1043	1043	1200	1200
10/24/2021 11:00	1043	1043	1200	1200
10/24/2021 12:00	1043	1043	1200	1200
10/24/2021 13:00	1043	1043	1200	1200
10/24/2021 14:00	1043	1043	1200	1200
10/24/2021 15:00	1041	1043	1200	1200
10/24/2021 16:00	1041	1041	1200	1200
10/24/2021 17:00	1041	1041	1200	1200
10/24/2021 18:00	1041	1041	1200	1200
10/24/2021 19:00	1040	1041	1200	1200
10/24/2021 20:00	1040	1041	1200	1200
10/24/2021 21:00	1041	1041	1200	1200
10/24/2021 22:00	1041	1041	1200	1200
10/24/2021 23:00	1041	1041	1200	1200
10/25/2021 0:00	1041	1042	1200	1200
10/25/2021 1:00	1042	1042	1200	1200
10/25/2021 2:00	1042	1042	1200	1200
10/25/2021 3:00	1042	1042	1200	1200
10/25/2021 4:00	1042	1043	1200	1200
10/25/2021 5:00	1043	1043	1200	1200
10/25/2021 6:00	1043	1043	1200	1200
10/25/2021 7:00	1043	1043	1200	1200
10/25/2021 8:00	1043	1044	1200	1200
10/25/2021 9:00	1043	1044	1200	1200
10/25/2021 10:00	1043	1044	1200	1200
10/25/2021 11:00	1043	1044	1200	1200
10/25/2021 12:00	1043	1043	1200	1200
10/25/2021 13:00	1043	1043	1200	1200
10/25/2021 14:00	1043	1043	1200	1200
10/25/2021 15:00	1043	1043	1200	1200
10/25/2021 16:00	1043	1043	1200	1200
10/25/2021 17:00	1043	1043	1200	1200
10/25/2021 18:00	1043	1043	1200	1200
10/25/2021 19:00	1043	1043	1200	1200
10/25/2021 20:00	1043	1043	1200	1200
10/25/2021 21:00	1043	1043	1200	1200
10/25/2021 22:00	1043	1043	1200	1200
10/25/2021 23:00	1043	1043	1200	1200
10/26/2021 0:00	1043	1043	1200	1200
10/26/2021 1:00	1043	1043	1200	1200
10/26/2021 2:00	1043	1043	1200	1200
10/26/2021 3:00	1043	1043	1200	1200
10/26/2021 4:00	1043	1043	1200	1200
10/26/2021 5:00	1043	1043	1200	1200
10/26/2021 6:00	1043	1043	1200	1200
10/26/2021 7:00	1043	1043	1200	1200
10/26/2021 8:00	1043	1043	1200	1200
10/26/2021 9:00	1043	1043	1200	1200
10/26/2021 10:00	1043	1043	1200	1200
10/26/2021 11:00	1043	1043	1200	1200
10/26/2021 12:00	1043	1043	1200	1200
10/26/2021 13:00	1043	1043	1200	1200
10/26/2021 14:00	1043	1043	1200	1200
10/26/2021 15:00	1043	1043	1200	1200
10/26/2021 16:00	1043	1043	1200	1200
10/26/2021 17:00	1043	1043	1200	1200
10/26/2021 18:00	1043	1043	1200	1200
10/26/2021 19:00	1043	1044	1200	1200
10/26/2021 20:00	1043	1044	1200	1200
10/26/2021 21:00	1043	1043	1200	1200
10/26/2021 22:00	1043	1043	1200	1200
10/26/2021 23:00	1043	1043	1200	1200
10/27/2021 0:00	1043	1043	1200	1200
10/27/2021 1:00	1043	1043	1200	1200
10/27/2021 2:00	1043	1043	1200	1200
10/27/2021 3:00	1043	1043	1200	1200
10/27/2021 4:00	1043	1043	1200	1200
10/27/2021 5:00	1043	1043	1200	1200
10/27/2021 6:00	1042	1043	1200	1200
10/27/2021 7:00	1042	1043	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
10/27/2021 8:00	1042	1043	1200	1200
10/27/2021 9:00	1042	1042	1200	1200
10/27/2021 10:00	1042	1042	1200	1200
10/27/2021 11:00	1042	1042	1200	1200
10/27/2021 12:00	1042	1042	1200	1200
10/27/2021 13:00	1042	1042	1200	1200
10/27/2021 14:00	1042	1042	1200	1200
10/27/2021 15:00	1042	1046	1200	1200
10/27/2021 16:00	1046	1046	1200	1200
10/27/2021 17:00	1046	1047	1200	1200
10/27/2021 18:00	1046	1047	1200	1200
10/27/2021 19:00	1046	1046	1200	1200
10/27/2021 20:00	1046	1047	1200	1200
10/27/2021 21:00	1046	1047	1200	1200
10/27/2021 22:00	1046	1046	1200	1200
10/27/2021 23:00	1046	1046	1200	1200
10/28/2021 0:00	1046	1046	1200	1200
10/28/2021 1:00	1046	1046	1200	1200
10/28/2021 2:00	1046	1046	1200	1200
10/28/2021 3:00	1045	1046	1200	1200
10/28/2021 4:00	1045	1045	1200	1200
10/28/2021 5:00	1045	1045	1200	1200
10/28/2021 6:00	1045	1045	1200	1200
10/28/2021 7:00	1045	1045	1200	1200
10/28/2021 8:00	1045	1045	1200	1200
10/28/2021 9:00	1045	1045	1200	1200
10/28/2021 10:00	1045	1045	1200	1200
10/28/2021 11:00	1045	1045	1200	1200
10/28/2021 12:00	1045	1046	1200	1200
10/28/2021 13:00	1046	1046	1200	1200
10/28/2021 14:00	1046	1046	1200	1200
10/28/2021 15:00	1046	1046	1200	1200
10/28/2021 16:00	1045	1046	1200	1200
10/28/2021 17:00	1045	1045	1200	1200
10/28/2021 18:00	1045	1045	1200	1200
10/28/2021 19:00	1044	1045	1200	1200
10/28/2021 20:00	1042	1044	1200	1200
10/28/2021 21:00	1042	1042	1200	1200
10/28/2021 22:00	1042	1042	1200	1200
10/28/2021 23:00	1042	1043	1200	1200
10/29/2021 0:00	1043	1043	1200	1200
10/29/2021 1:00	1043	1043	1200	1200
10/29/2021 2:00	1043	1043	1200	1200
10/29/2021 3:00	1042	1043	1200	1200
10/29/2021 4:00	1042	1042	1200	1200
10/29/2021 5:00	1042	1042	1200	1200
10/29/2021 6:00	1042	1042	1200	1200
10/29/2021 7:00	1042	1042	1200	1200
10/29/2021 8:00	1042	1042	1200	1200
10/29/2021 9:00	1042	1042	1200	1200
10/29/2021 10:00	1042	1042	1200	1200
10/29/2021 11:00	1041	1042	1200	1200
10/29/2021 12:00	1041	1042	1200	1200
10/29/2021 13:00	1042	1042	1200	1200
10/29/2021 14:00	1041	1042	1200	1200
10/29/2021 15:00	1041	1041	1200	1200
10/29/2021 16:00	1041	1041	1200	1200
10/29/2021 17:00	1041	1041	1200	1200
10/29/2021 18:00	1041	1041	1200	1200
10/29/2021 19:00	1041	1041	1200	1200
10/29/2021 20:00	1041	1042	1200	1200
10/29/2021 21:00	1042	1042	1200	1200
10/29/2021 22:00	1042	1042	1200	1200
10/29/2021 23:00	1042	1042	1200	1200
10/30/2021 0:00	1042	1042	1200	1200
10/30/2021 1:00	1042	1042	1200	1200
10/30/2021 2:00	1042	1043	1200	1200
10/30/2021 3:00	1043	1044	1200	1200
10/30/2021 4:00	1044	1044	1200	1200
10/30/2021 5:00	1043	1044	1200	1200
10/30/2021 6:00	1043	1043	1200	1200
10/30/2021 7:00	1043	1043	1200	1200
10/30/2021 8:00	1043	1043	1200	1200
10/30/2021 9:00	1043	1043	1199	1200
10/30/2021 10:00	1043	1043	1194	1200
10/30/2021 11:00	1042	1043	1194	1198
10/30/2021 12:00	1042	1042	1193	1198
10/30/2021 13:00	1042	1042	1191	1193
10/30/2021 14:00	1042	1042	1193	1195
10/30/2021 15:00	1042	1042	1193	1195

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/30/2021 16:00	1042	1042	1193	1198
10/30/2021 17:00	1041	1042	1198	1199
10/30/2021 18:00	1041	1042	1195	1198
10/30/2021 19:00	1042	1042	1195	1195
10/30/2021 20:00	1042	1042	1195	1198
10/30/2021 21:00	1042	1042	1198	1198
10/30/2021 22:00	1041	1042	1198	1200
10/30/2021 23:00	1041	1041	1200	1200
10/31/2021 0:00	1041	1041	1200	1200
10/31/2021 1:00	1041	1041	1200	1200
10/31/2021 2:00	1041	1041	1200	1200
10/31/2021 3:00	1041	1041	1200	1200
10/31/2021 4:00	1041	1041	1200	1200
10/31/2021 5:00	1041	1041	1200	1200
10/31/2021 6:00	1041	1041	1200	1200
10/31/2021 7:00	1041	1042	1200	1200
10/31/2021 8:00	1042	1042	1200	1200
10/31/2021 9:00	1042	1042	1200	1200
10/31/2021 10:00	1042	1043	1200	1200
10/31/2021 11:00	1043	1043	1200	1200
10/31/2021 12:00	1043	1044	1200	1200
10/31/2021 13:00	1044	1044	1199	1200
10/31/2021 14:00	1044	1045	1195	1199
10/31/2021 15:00	1044	1045	1195	1197
10/31/2021 16:00	1044	1044	1197	1199
10/31/2021 17:00	1043	1044	1197	1199
10/31/2021 18:00	1043	1043	1197	1198
10/31/2021 19:00	1042	1043	1197	1198
10/31/2021 20:00	1042	1042	1192	1197
10/31/2021 21:00	1042	1042	1192	1195
10/31/2021 22:00	1042	1042	1195	1199
10/31/2021 23:00	1042	1042	1199	1200