



825 Rice Street
Saint Paul, MN 55117

December 16, 2024

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 November 2024 as required by N.D. PU-24-13.

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, appearing to read 'Christopher Akins'.

Christopher Akins, Director Operations Standards

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	Date	Daily Average
11/1/2024 0:00	1042	1043	11/1/2024	1210
11/1/2024 1:00	1042	1043	11/2/2024	1209
11/1/2024 2:00	1042	1042	11/3/2024	1213
11/1/2024 3:00	1042	1042	11/4/2024	1208
11/1/2024 4:00	1042	1042	11/5/2024	1210
11/1/2024 5:00	1042	1042	11/6/2024	1210
11/1/2024 6:00	1042	1042	11/7/2024	1210
11/1/2024 7:00	1042	1042	11/8/2024	1210
11/1/2024 8:00	1042	1042	11/9/2024	1207
11/1/2024 9:00	1042	1042	11/10/2024	1210
11/1/2024 10:00	1042	1043	11/11/2024	1213
11/1/2024 11:00	1043	1043	11/12/2024	1210
11/1/2024 12:00	1043	1044	11/13/2024	1211
11/1/2024 13:00	1044	1044	11/14/2024	1215
11/1/2024 14:00	1044	1044	11/15/2024	1212
11/1/2024 15:00	1044	1044	11/16/2024	1208
11/1/2024 16:00	1044	1044	11/17/2024	1205
11/1/2024 17:00	1044	1044	11/18/2024	1208
11/1/2024 18:00	1043	1044	11/19/2024	1190
11/1/2024 19:00	1043	1043	11/20/2024	1172
11/1/2024 20:00	1042	1043	11/21/2024	1176
11/1/2024 21:00	1042	1042	11/22/2024	1184
11/1/2024 22:00	1042	1042	11/23/2024	1188
11/1/2024 23:00	1042	1042	11/24/2024	1190
11/2/2024 0:00	1042	1042	11/25/2024	1187
11/2/2024 1:00	1042	1042	11/26/2024	1186
11/2/2024 2:00	1041	1042	11/27/2024	1186
11/2/2024 3:00	1041	1041	11/28/2024	1186
11/2/2024 4:00	1041	1041	11/29/2024	1181
11/2/2024 5:00	1041	1041	11/30/2024	1181
11/2/2024 6:00	1041	1041		
11/2/2024 7:00	1041	1041		
11/2/2024 8:00	1041	1041		
11/2/2024 9:00	1041	1041		
11/2/2024 10:00	1041	1041		
11/2/2024 11:00	1041	1041		
11/2/2024 12:00	1041	1041		
11/2/2024 13:00	1041	1041		
11/2/2024 14:00	1041	1041		
11/2/2024 15:00	1041	1042		
11/2/2024 16:00	1042	1042		
11/2/2024 17:00	1042	1042		
11/2/2024 18:00	1042	1042		
11/2/2024 19:00	1042	1042		
11/2/2024 20:00	1042	1042		
11/2/2024 21:00	1042	1042		
11/2/2024 22:00	1042	1042		
11/2/2024 23:00	1042	1042		
11/3/2024 0:00	1042	1042		
11/3/2024 1:00	1041	1042		
11/3/2024 1:00	1041	1041		
11/3/2024 2:00	1040	1041		
11/3/2024 3:00	1040	1040		
11/3/2024 4:00	1040	1040		
11/3/2024 5:00	1040	1040		
11/3/2024 6:00	1040	1040		
11/3/2024 7:00	1040	1040		
11/3/2024 8:00	1040	1040		
11/3/2024 9:00	1040	1040		
11/3/2024 10:00	1040	1040		
11/3/2024 11:00	1040	1040		
11/3/2024 12:00	1040	1040		
11/3/2024 13:00	1040	1040		
11/3/2024 14:00	1040	1040		
11/3/2024 15:00	1040	1040		
11/3/2024 16:00	1040	1040		
11/3/2024 17:00	1040	1040		
11/3/2024 18:00	1040	1040		
11/3/2024 19:00	1040	1041		
11/3/2024 20:00	1041	1042		
11/3/2024 21:00	1042	1043		
11/3/2024 22:00	1043	1045		

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	Date	Daily Average
11/3/2024 23:00	1045	1046		
11/4/2024 0:00	1046	1047		
11/4/2024 1:00	1047	1047		
11/4/2024 2:00	1047	1047		
11/4/2024 3:00	1047	1047		
11/4/2024 4:00	1047	1047		
11/4/2024 5:00	1047	1047		
11/4/2024 6:00	1047	1047		
11/4/2024 7:00	1047	1047		
11/4/2024 8:00	1047	1047		
11/4/2024 9:00	1047	1047		
11/4/2024 10:00	1047	1047		
11/4/2024 11:00	1047	1047		
11/4/2024 12:00	1047	1047		
11/4/2024 13:00	1047	1047		
11/4/2024 14:00	1047	1047		
11/4/2024 15:00	1047	1047		
11/4/2024 16:00	1047	1047		
11/4/2024 17:00	1047	1047		
11/4/2024 18:00	1047	1047		
11/4/2024 19:00	1047	1047		
11/4/2024 20:00	1047	1047		
11/4/2024 21:00	1047	1047		
11/4/2024 22:00	1047	1047		
11/4/2024 23:00	1047	1047		
11/5/2024 0:00	1047	1047		
11/5/2024 1:00	1047	1047		
11/5/2024 2:00	1047	1047		
11/5/2024 3:00	1046	1047		
11/5/2024 4:00	1046	1046		
11/5/2024 5:00	1046	1046		
11/5/2024 6:00	1046	1046		
11/5/2024 7:00	1046	1046		
11/5/2024 8:00	1046	1046		
11/5/2024 9:00	1046	1046		
11/5/2024 10:00	1046	1046		
11/5/2024 11:00	1046	1046		
11/5/2024 12:00	1046	1046		
11/5/2024 13:00	1046	1046		
11/5/2024 14:00	1046	1046		
11/5/2024 15:00	1046	1046		
11/5/2024 16:00	1046	1046		
11/5/2024 17:00	1046	1046		
11/5/2024 18:00	1046	1047		
11/5/2024 19:00	1047	1047		
11/5/2024 20:00	1047	1047		
11/5/2024 21:00	1047	1047		
11/5/2024 22:00	1047	1047		
11/5/2024 23:00	1047	1047		
11/6/2024 0:00	1047	1047		
11/6/2024 1:00	1047	1047		
11/6/2024 2:00	1047	1047		
11/6/2024 3:00	1047	1047		
11/6/2024 4:00	1047	1047		
11/6/2024 5:00	1047	1047		
11/6/2024 6:00	1046	1047		
11/6/2024 7:00	1046	1046		
11/6/2024 8:00	1046	1046		
11/6/2024 9:00	1046	1046		
11/6/2024 10:00	1046	1047		
11/6/2024 11:00	1047	1047		
11/6/2024 12:00	1047	1047		
11/6/2024 13:00	1047	1047		
11/6/2024 14:00	1047	1047		
11/6/2024 15:00	1047	1047		
11/6/2024 16:00	1047	1047		
11/6/2024 17:00	1047	1048		
11/6/2024 18:00	1048	1048		
11/6/2024 19:00	1048	1048		
11/6/2024 20:00	1048	1048		
11/6/2024 21:00	1048	1048		
11/6/2024 22:00	1048	1049		
11/6/2024 23:00	1049	1049		
11/7/2024 0:00	1049	1049		
11/7/2024 1:00	1049	1049		
11/7/2024 2:00	1049	1049		
11/7/2024 3:00	1049	1050		
11/7/2024 4:00	1049	1050		
11/7/2024 5:00	1049	1049		
11/7/2024 6:00	1049	1049		

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	Date	Daily Average
11/7/2024 7:00	1049	1050		
11/7/2024 8:00	1050	1050		
11/7/2024 9:00	1050	1050		
11/7/2024 10:00	1050	1050		
11/7/2024 11:00	1050	1050		
11/7/2024 12:00	1050	1050		
11/7/2024 13:00	1050	1050		
11/7/2024 14:00	1050	1050		
11/7/2024 15:00	1050	1050		
11/7/2024 16:00	1050	1050		
11/7/2024 17:00	1050	1050		
11/7/2024 18:00	1050	1050		
11/7/2024 19:00	1050	1050		
11/7/2024 20:00	1050	1050		
11/7/2024 21:00	1050	1050		
11/7/2024 22:00	1050	1050		
11/7/2024 23:00	1050	1050		
11/8/2024 0:00	1050	1050		
11/8/2024 1:00	1050	1050		
11/8/2024 2:00	1050	1050		
11/8/2024 3:00	1050	1050		
11/8/2024 4:00	1050	1050		
11/8/2024 5:00	1050	1050		
11/8/2024 6:00	1050	1050		
11/8/2024 7:00	1050	1050		
11/8/2024 8:00	1049	1050		
11/8/2024 9:00	1049	1049		
11/8/2024 10:00	1049	1049		
11/8/2024 11:00	1049	1049		
11/8/2024 12:00	1049	1049		
11/8/2024 13:00	1049	1049		
11/8/2024 14:00	1049	1049		
11/8/2024 15:00	1049	1049		
11/8/2024 16:00	1049	1049		
11/8/2024 17:00	1049	1049		
11/8/2024 18:00	1049	1050		
11/8/2024 19:00	1050	1050		
11/8/2024 20:00	1050	1050		
11/8/2024 21:00	1049	1050		
11/8/2024 22:00	1048	1049		
11/8/2024 23:00	1048	1048		
11/9/2024 0:00	1047	1048		
11/9/2024 1:00	1047	1047		
11/9/2024 2:00	1047	1047		
11/9/2024 3:00	1047	1047		
11/9/2024 4:00	1047	1047		
11/9/2024 5:00	1047	1047		
11/9/2024 6:00	1047	1047		
11/9/2024 7:00	1047	1047		
11/9/2024 8:00	1047	1047		
11/9/2024 9:00	1047	1047		
11/9/2024 10:00	1047	1047		
11/9/2024 11:00	1047	1047		
11/9/2024 12:00	1047	1047		
11/9/2024 13:00	1047	1047		
11/9/2024 14:00	1047	1047		
11/9/2024 15:00	1047	1047		
11/9/2024 16:00	1047	1047		
11/9/2024 17:00	1047	1047		
11/9/2024 18:00	1047	1047		
11/9/2024 19:00	1047	1047		
11/9/2024 20:00	1047	1047		
11/9/2024 21:00	1047	1047		
11/9/2024 22:00	1047	1047		
11/9/2024 23:00	1047	1047		
11/10/2024 0:00	1047	1047		
11/10/2024 1:00	1047	1047		
11/10/2024 2:00	1047	1047		
11/10/2024 3:00	1046	1047		
11/10/2024 4:00	1046	1047		
11/10/2024 5:00	1047	1047		
11/10/2024 6:00	1047	1047		
11/10/2024 7:00	1047	1047		
11/10/2024 8:00	1047	1047		
11/10/2024 9:00	1047	1047		
11/10/2024 10:00	1047	1047		
11/10/2024 11:00	1047	1047		
11/10/2024 12:00	1047	1047		
11/10/2024 13:00	1047	1047		
11/10/2024 14:00	1047	1047		

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	Date	Daily Average
11/10/2024 15:00	1047	1047		
11/10/2024 16:00	1047	1047		
11/10/2024 17:00	1047	1047		
11/10/2024 18:00	1047	1047		
11/10/2024 19:00	1047	1048		
11/10/2024 20:00	1048	1048		
11/10/2024 21:00	1048	1048		
11/10/2024 22:00	1048	1048		
11/10/2024 23:00	1048	1048		
11/11/2024 0:00	1048	1048		
11/11/2024 1:00	1048	1048		
11/11/2024 2:00	1048	1048		
11/11/2024 3:00	1048	1048		
11/11/2024 4:00	1048	1048		
11/11/2024 5:00	1048	1048		
11/11/2024 6:00	1048	1048		
11/11/2024 7:00	1048	1048		
11/11/2024 8:00	1048	1048		
11/11/2024 9:00	1048	1048		
11/11/2024 10:00	1048	1048		
11/11/2024 11:00	1048	1048		
11/11/2024 12:00	1048	1048		
11/11/2024 13:00	1048	1048		
11/11/2024 14:00	1047	1048		
11/11/2024 15:00	1047	1047		
11/11/2024 16:00	1047	1047		
11/11/2024 17:00	1047	1047		
11/11/2024 18:00	1047	1047		
11/11/2024 19:00	1047	1047		
11/11/2024 20:00	1047	1047		
11/11/2024 21:00	1047	1047		
11/11/2024 22:00	1047	1047		
11/11/2024 23:00	1047	1047		
11/12/2024 0:00	1047	1047		
11/12/2024 1:00	1047	1047		
11/12/2024 2:00	1047	1047		
11/12/2024 3:00	1047	1047		
11/12/2024 4:00	1046	1047		
11/12/2024 5:00	1046	1046		
11/12/2024 6:00	1046	1046		
11/12/2024 7:00	1046	1046		
11/12/2024 8:00	1046	1047		
11/12/2024 9:00	1047	1047		
11/12/2024 10:00	1047	1047		
11/12/2024 11:00	1047	1047		
11/12/2024 12:00	1047	1047		
11/12/2024 13:00	1047	1047		
11/12/2024 14:00	1047	1047		
11/12/2024 15:00	1047	1047		
11/12/2024 16:00	1047	1047		
11/12/2024 17:00	1047	1047		
11/12/2024 18:00	1047	1047		
11/12/2024 19:00	1047	1047		
11/12/2024 20:00	1047	1047		
11/12/2024 21:00	1047	1047		
11/12/2024 22:00	1047	1047		
11/12/2024 23:00	1047	1047		
11/13/2024 0:00	1047	1047		
11/13/2024 1:00	1047	1047		
11/13/2024 2:00	1047	1047		
11/13/2024 3:00	1047	1047		
11/13/2024 4:00	1047	1048		
11/13/2024 5:00	1047	1048		
11/13/2024 6:00	1047	1047		
11/13/2024 7:00	1047	1047		
11/13/2024 8:00	1047	1047		
11/13/2024 9:00	1047	1047		
11/13/2024 10:00	1047	1047		
11/13/2024 11:00	1047	1047		
11/13/2024 12:00	1047	1047		
11/13/2024 13:00	1047	1048		
11/13/2024 14:00	1048	1048		
11/13/2024 15:00	1048	1048		
11/13/2024 16:00	1048	1048		
11/13/2024 17:00	1048	1048		
11/13/2024 18:00	1048	1048		
11/13/2024 19:00	1048	1048		
11/13/2024 20:00	1048	1048		
11/13/2024 21:00	1048	1048		
11/13/2024 22:00	1048	1048		

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	Date	Daily Average
11/13/2024 23:00	1048	1048		
11/14/2024 0:00	1048	1048		
11/14/2024 1:00	1048	1048		
11/14/2024 2:00	1048	1048		
11/14/2024 3:00	1048	1048		
11/14/2024 4:00	1048	1048		
11/14/2024 5:00	1048	1048		
11/14/2024 6:00	1048	1048		
11/14/2024 7:00	1048	1048		
11/14/2024 8:00	1048	1048		
11/14/2024 9:00	1048	1048		
11/14/2024 10:00	1048	1048		
11/14/2024 11:00	1048	1048		
11/14/2024 12:00	1048	1048		
11/14/2024 13:00	1048	1048		
11/14/2024 14:00	1048	1048		
11/14/2024 15:00	1048	1048		
11/14/2024 16:00	1048	1048		
11/14/2024 17:00	1048	1048		
11/14/2024 18:00	1048	1048		
11/14/2024 19:00	1048	1048		
11/14/2024 20:00	1048	1048		
11/14/2024 21:00	1048	1048		
11/14/2024 22:00	1048	1048		
11/14/2024 23:00	1048	1048		
11/15/2024 0:00	1048	1048		
11/15/2024 1:00	1048	1048		
11/15/2024 2:00	1048	1048		
11/15/2024 3:00	1048	1048		
11/15/2024 4:00	1048	1048		
11/15/2024 5:00	1047	1048		
11/15/2024 6:00	1047	1047		
11/15/2024 7:00	1047	1047		
11/15/2024 8:00	1047	1047		
11/15/2024 9:00	1047	1047		
11/15/2024 10:00	1047	1047		
11/15/2024 11:00	1047	1047		
11/15/2024 12:00	1047	1047		
11/15/2024 13:00	1047	1047		
11/15/2024 14:00	1047	1047		
11/15/2024 15:00	1047	1047		
11/15/2024 16:00	1047	1047		
11/15/2024 17:00	1047	1047		
11/15/2024 18:00	1047	1048		
11/15/2024 19:00	1048	1048		
11/15/2024 20:00	1048	1048		
11/15/2024 21:00	1048	1048		
11/15/2024 22:00	1048	1048		
11/15/2024 23:00	1048	1048		
11/16/2024 0:00	1048	1048		
11/16/2024 1:00	1048	1048		
11/16/2024 2:00	1048	1048		
11/16/2024 3:00	1048	1048		
11/16/2024 4:00	1048	1048		
11/16/2024 5:00	1048	1048		
11/16/2024 6:00	1048	1048		
11/16/2024 7:00	1048	1048		
11/16/2024 8:00	1047	1048		
11/16/2024 9:00	1047	1047		
11/16/2024 10:00	1047	1047		
11/16/2024 11:00	1047	1047		
11/16/2024 12:00	1047	1047		
11/16/2024 13:00	1047	1047		
11/16/2024 14:00	1047	1047		
11/16/2024 15:00	1047	1047		
11/16/2024 16:00	1047	1047		
11/16/2024 17:00	1047	1047		
11/16/2024 18:00	1047	1047		
11/16/2024 19:00	1047	1047		
11/16/2024 20:00	1047	1047		
11/16/2024 21:00	1047	1047		
11/16/2024 22:00	1047	1047		
11/16/2024 23:00	1047	1047		
11/17/2024 0:00	1047	1047		
11/17/2024 1:00	1047	1047		
11/17/2024 2:00	1047	1047		
11/17/2024 3:00	1047	1047		
11/17/2024 4:00	1047	1048		
11/17/2024 5:00	1047	1047		
11/17/2024 6:00	1047	1047		

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	Date	Daily Average
11/17/2024 7:00	1047	1047		
11/17/2024 8:00	1047	1047		
11/17/2024 9:00	1047	1047		
11/17/2024 10:00	1047	1047		
11/17/2024 11:00	1047	1047		
11/17/2024 12:00	1047	1047		
11/17/2024 13:00	1047	1047		
11/17/2024 14:00	1047	1047		
11/17/2024 15:00	1047	1047		
11/17/2024 16:00	1047	1047		
11/17/2024 17:00	1046	1047		
11/17/2024 18:00	1046	1046		
11/17/2024 19:00	1046	1046		
11/17/2024 20:00	1046	1047		
11/17/2024 21:00	1047	1047		
11/17/2024 22:00	1047	1047		
11/17/2024 23:00	1047	1047		
11/18/2024 0:00	1047	1047		
11/18/2024 1:00	1047	1047		
11/18/2024 2:00	1047	1047		
11/18/2024 3:00	1046	1047		
11/18/2024 4:00	1046	1046		
11/18/2024 5:00	1045	1046		
11/18/2024 6:00	1045	1045		
11/18/2024 7:00	1045	1045		
11/18/2024 8:00	1045	1046		
11/18/2024 9:00	1046	1047		
11/18/2024 10:00	1047	1047		
11/18/2024 11:00	1047	1047		
11/18/2024 12:00	1047	1047		
11/18/2024 13:00	1047	1047		
11/18/2024 14:00	1047	1047		
11/18/2024 15:00	1047	1047		
11/18/2024 16:00	1047	1047		
11/18/2024 17:00	1047	1047		
11/18/2024 18:00	1047	1047		
11/18/2024 19:00	1047	1047		
11/18/2024 20:00	1047	1047		
11/18/2024 21:00	1047	1047		
11/18/2024 22:00	1047	1047		
11/18/2024 23:00	1047	1048		
11/19/2024 0:00	1048	1048		
11/19/2024 1:00	1048	1048		
11/19/2024 2:00	1047	1048		
11/19/2024 3:00	1047	1047		
11/19/2024 4:00	1046	1047		
11/19/2024 5:00	1045	1046		
11/19/2024 6:00	1044	1045		
11/19/2024 7:00	1044	1044		
11/19/2024 8:00	1044	1044		
11/19/2024 9:00	1044	1045		
11/19/2024 10:00	1045	1045		
11/19/2024 11:00	1045	1046		
11/19/2024 12:00	1046	1046		
11/19/2024 12:00	1046	1046		
11/19/2024 13:00	1047	1047		
11/19/2024 14:00	1047	1047		
11/19/2024 15:00	1047	1047		
11/19/2024 16:00	1047	1047		
11/19/2024 17:00	1047	1047		
11/19/2024 18:00	1046	1047		
11/19/2024 19:00	1046	1046		
11/19/2024 20:00	1046	1046		
11/19/2024 21:00	1046	1046		
11/19/2024 22:00	1046	1046		
11/19/2024 23:00	1046	1046		
11/20/2024 0:00	1046	1047		
11/20/2024 1:00	1047	1047		
11/20/2024 2:00	1047	1047		
11/20/2024 3:00	1047	1047		
11/20/2024 4:00	1047	1047		
11/20/2024 5:00	1047	1047		
11/20/2024 6:00	1047	1048		
11/20/2024 7:00	1048	1048		
11/20/2024 8:00	1048	1048		
11/20/2024 9:00	1048	1048		
11/20/2024 10:00	1048	1049		
11/20/2024 11:00	1049	1049		
11/20/2024 12:00	1049	1049		
11/20/2024 13:00	1049	1049		

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	Date	Daily Average
11/20/2024 14:00	1049	1049		
11/20/2024 15:00	1049	1049		
11/20/2024 16:00	1049	1049		
11/20/2024 17:00	1049	1049		
11/20/2024 18:00	1049	1049		
11/20/2024 19:00	1049	1049		
11/20/2024 20:00	1048	1049		
11/20/2024 21:00	1048	1048		
11/20/2024 22:00	1048	1048		
11/20/2024 23:00	1047	1048		
11/21/2024 0:00	1047	1047		
11/21/2024 1:00	1047	1048		
11/21/2024 2:00	1048	1048		
11/21/2024 3:00	1048	1048		
11/21/2024 4:00	1048	1048		
11/21/2024 5:00	1048	1048		
11/21/2024 6:00	1048	1048		
11/21/2024 7:00	1048	1048		
11/21/2024 8:00	1048	1048		
11/21/2024 9:00	1048	1048		
11/21/2024 10:00	1048	1048		
11/21/2024 11:00	1048	1048		
11/21/2024 12:00	1048	1048		
11/21/2024 13:00	1048	1048		
11/21/2024 14:00	1048	1048		
11/21/2024 15:00	1048	1048		
11/21/2024 16:00	1047	1048		
11/21/2024 17:00	1047	1047		
11/21/2024 18:00	1047	1047		
11/21/2024 19:00	1047	1047		
11/21/2024 20:00	1047	1047		
11/21/2024 21:00	1047	1047		
11/21/2024 22:00	1047	1047		
11/21/2024 23:00	1047	1047		
11/22/2024 0:00	1047	1048		
11/22/2024 1:00	1048	1048		
11/22/2024 2:00	1048	1049		
11/22/2024 3:00	1049	1050		
11/22/2024 4:00	1050	1051		
11/22/2024 5:00	1051	1053		
11/22/2024 6:00	1053	1053		
11/22/2024 7:00	1053	1053		
11/22/2024 8:00	1052	1053		
11/22/2024 9:00	1050	1052		
11/22/2024 10:00	1049	1050		
11/22/2024 11:00	1047	1049		
11/22/2024 12:00	1046	1047		
11/22/2024 13:00	1046	1046		
11/22/2024 14:00	1046	1046		
11/22/2024 15:00	1046	1046		
11/22/2024 16:00	1045	1046		
11/22/2024 17:00	1045	1045		
11/22/2024 18:00	1045	1045		
11/22/2024 19:00	1045	1045		
11/22/2024 20:00	1045	1045		
11/22/2024 21:00	1045	1045		
11/22/2024 22:00	1045	1045		
11/22/2024 23:00	1045	1045		
11/23/2024 0:00	1045	1045		
11/23/2024 1:00	1045	1045		
11/23/2024 2:00	1045	1045		
11/23/2024 3:00	1045	1045		
11/23/2024 4:00	1045	1045		
11/23/2024 5:00	1045	1047		
11/23/2024 6:00	1047	1047		
11/23/2024 7:00	1047	1047		
11/23/2024 8:00	1047	1047		
11/23/2024 9:00	1047	1047		
11/23/2024 10:00	1047	1048		
11/23/2024 11:00	1048	1048		
11/23/2024 12:00	1048	1048		
11/23/2024 13:00	1048	1048		
11/23/2024 14:00	1048	1048		
11/23/2024 15:00	1048	1048		
11/23/2024 16:00	1048	1049		
11/23/2024 17:00	1049	1049		
11/23/2024 18:00	1049	1049		
11/23/2024 19:00	1049	1049		
11/23/2024 20:00	1049	1049		
11/23/2024 21:00	1049	1050		

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	Date	Daily Average
11/23/2024 22:00	1050	1050		
11/23/2024 23:00	1049	1050		
11/24/2024 0:00	1049	1049		
11/24/2024 1:00	1049	1049		
11/24/2024 2:00	1049	1050		
11/24/2024 3:00	1050	1050		
11/24/2024 4:00	1049	1050		
11/24/2024 5:00	1049	1049		
11/24/2024 6:00	1049	1049		
11/24/2024 7:00	1049	1049		
11/24/2024 8:00	1048	1049		
11/24/2024 9:00	1047	1048		
11/24/2024 10:00	1046	1047		
11/24/2024 11:00	1046	1046		
11/24/2024 12:00	1046	1046		
11/24/2024 13:00	1046	1046		
11/24/2024 14:00	1046	1046		
11/24/2024 15:00	1046	1046		
11/24/2024 16:00	1046	1046		
11/24/2024 17:00	1046	1046		
11/24/2024 18:00	1046	1046		
11/24/2024 19:00	1046	1046		
11/24/2024 20:00	1046	1046		
11/24/2024 21:00	1046	1047		
11/24/2024 22:00	1047	1047		
11/24/2024 23:00	1046	1047		
11/25/2024 0:00	1046	1046		
11/25/2024 1:00	1046	1046		
11/25/2024 2:00	1046	1046		
11/25/2024 3:00	1046	1046		
11/25/2024 4:00	1046	1046		
11/25/2024 5:00	1046	1046		
11/25/2024 6:00	1046	1046		
11/25/2024 7:00	1046	1046		
11/25/2024 8:00	1046	1046		
11/25/2024 9:00	1046	1046		
11/25/2024 10:00	1046	1046		
11/25/2024 11:00	1046	1046		
11/25/2024 12:00	1046	1046		
11/25/2024 13:00	1046	1046		
11/25/2024 14:00	1046	1046		
11/25/2024 15:00	1046	1046		
11/25/2024 16:00	1046	1046		
11/25/2024 17:00	1046	1046		
11/25/2024 18:00	1046	1047		
11/25/2024 19:00	1047	1047		
11/25/2024 20:00	1047	1047		
11/25/2024 21:00	1047	1047		
11/25/2024 22:00	1047	1047		
11/25/2024 23:00	1047	1047		
11/26/2024 0:00	1047	1047		
11/26/2024 1:00	1047	1047		
11/26/2024 2:00	1047	1047		
11/26/2024 3:00	1047	1047		
11/26/2024 4:00	1047	1047		
11/26/2024 5:00	1047	1047		
11/26/2024 6:00	1047	1047		
11/26/2024 7:00	1047	1047		
11/26/2024 8:00	1047	1047		
11/26/2024 9:00	1047	1047		
11/26/2024 10:00	1047	1047		
11/26/2024 11:00	1047	1048		
11/26/2024 12:00	1048	1048		
11/26/2024 13:00	1048	1048		
11/26/2024 14:00	1048	1048		
11/26/2024 15:00	1048	1048		
11/26/2024 16:00	1048	1048		
11/26/2024 17:00	1048	1048		
11/26/2024 18:00	1048	1048		
11/26/2024 19:00	1048	1048		
11/26/2024 20:00	1048	1048		
11/26/2024 21:00	1048	1048		
11/26/2024 22:00	1048	1048		
11/26/2024 23:00	1048	1048		
11/27/2024 0:00	1048	1048		
11/27/2024 1:00	1048	1048		
11/27/2024 2:00	1048	1048		
11/27/2024 3:00	1048	1048		
11/27/2024 4:00	1048	1048		
11/27/2024 5:00	1048	1048		

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	Date	Daily Average
11/27/2024 6:00	1048	1048		
11/27/2024 7:00	1048	1048		
11/27/2024 8:00	1048	1048		
11/27/2024 9:00	1048	1048		
11/27/2024 10:00	1048	1048		
11/27/2024 11:00	1048	1049		
11/27/2024 12:00	1049	1049		
11/27/2024 13:00	1049	1049		
11/27/2024 14:00	1049	1049		
11/27/2024 15:00	1049	1049		
11/27/2024 16:00	1049	1049		
11/27/2024 17:00	1048	1049		
11/27/2024 18:00	1048	1048		
11/27/2024 19:00	1048	1048		
11/27/2024 20:00	1048	1048		
11/27/2024 21:00	1048	1048		
11/27/2024 22:00	1048	1048		
11/27/2024 23:00	1048	1048		
11/28/2024 0:00	1048	1048		
11/28/2024 1:00	1048	1048		
11/28/2024 2:00	1048	1048		
11/28/2024 3:00	1048	1048		
11/28/2024 4:00	1048	1048		
11/28/2024 5:00	1048	1048		
11/28/2024 6:00	1048	1048		
11/28/2024 7:00	1048	1048		
11/28/2024 8:00	1048	1048		
11/28/2024 9:00	1048	1048		
11/28/2024 10:00	1048	1048		
11/28/2024 11:00	1048	1048		
11/28/2024 12:00	1048	1048		
11/28/2024 13:00	1048	1048		
11/28/2024 14:00	1048	1048		
11/28/2024 15:00	1048	1048		
11/28/2024 16:00	1048	1048		
11/28/2024 17:00	1048	1048		
11/28/2024 18:00	1048	1048		
11/28/2024 19:00	1048	1048		
11/28/2024 20:00	1048	1048		
11/28/2024 21:00	1048	1048		
11/28/2024 22:00	1048	1048		
11/28/2024 23:00	1048	1048		
11/29/2024 0:00	1048	1049		
11/29/2024 1:00	1049	1049		
11/29/2024 2:00	1049	1049		
11/29/2024 3:00	1049	1049		
11/29/2024 4:00	1049	1049		
11/29/2024 5:00	1049	1049		
11/29/2024 6:00	1049	1049		
11/29/2024 7:00	1049	1049		
11/29/2024 8:00	1049	1049		
11/29/2024 9:00	1049	1049		
11/29/2024 10:00	1049	1049		
11/29/2024 11:00	1049	1049		
11/29/2024 12:00	1049	1049		
11/29/2024 13:00	1049	1049		
11/29/2024 14:00	1048	1049		
11/29/2024 15:00	1048	1048		
11/29/2024 16:00	1048	1048		
11/29/2024 17:00	1047	1048		
11/29/2024 18:00	1047	1047		
11/29/2024 19:00	1047	1047		
11/29/2024 20:00	1047	1047		
11/29/2024 21:00	1047	1047		
11/29/2024 22:00	1047	1047		
11/29/2024 23:00	1047	1047		
11/30/2024 0:00	1047	1047		
11/30/2024 1:00	1047	1047		
11/30/2024 2:00	1047	1047		
11/30/2024 3:00	1047	1047		
11/30/2024 4:00	1047	1048		
11/30/2024 5:00	1048	1048		
11/30/2024 6:00	1048	1048		
11/30/2024 7:00	1048	1048		
11/30/2024 8:00	1048	1048		
11/30/2024 9:00	1048	1048		
11/30/2024 10:00	1048	1048		
11/30/2024 11:00	1048	1048		
11/30/2024 12:00	1048	1048		
11/30/2024 13:00	1048	1048		

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	Date	Daily Average
11/30/2024 14:00	1048	1048		
11/30/2024 15:00	1048	1048		
11/30/2024 16:00	1048	1048		
11/30/2024 17:00	1048	1048		
11/30/2024 18:00	1048	1048		
11/30/2024 19:00	1048	1048		
11/30/2024 20:00	1048	1048		
11/30/2024 21:00	1048	1048		
11/30/2024 22:00	1048	1048		
11/30/2024 23:00	1047	1048		