



825 Rice Street
Saint Paul, MN 55117

November 21, 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 October 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
10/1/2024 0:00	1042	1042	10/1/2024	1203
10/1/2024 1:00	1042	1042	10/2/2024	1209
10/1/2024 2:00	1042	1042	10/3/2024	1212
10/1/2024 3:00	1042	1042	10/4/2024	1215
10/1/2024 4:00	1042	1042	10/5/2024	1210
10/1/2024 5:00	1042	1042	10/6/2024	1220
10/1/2024 6:00	1041	1042	10/7/2024	1214
10/1/2024 7:00	1041	1041	10/8/2024	1210
10/1/2024 8:00	1041	1041	10/9/2024	1209
10/1/2024 9:00	1041	1041	10/10/2024	1209
10/1/2024 10:00	1041	1041	10/11/2024	1215
10/1/2024 11:00	1040	1041	10/12/2024	1215
10/1/2024 12:00	1040	1040	10/13/2024	1212
10/1/2024 13:00	1040	1041	10/14/2024	1207
10/1/2024 14:00	1041	1041	10/15/2024	1208
10/1/2024 15:00	1041	1041	10/16/2024	1209
10/1/2024 16:00	1041	1041	10/17/2024	1213
10/1/2024 17:00	1041	1041	10/18/2024	1214
10/1/2024 18:00	1041	1041	10/19/2024	1208
10/1/2024 19:00	1041	1041	10/20/2024	1209
10/1/2024 20:00	1041	1041	10/21/2024	1211
10/1/2024 21:00	1040	1041	10/22/2024	1211
10/1/2024 22:00	1040	1040	10/23/2024	1213
10/1/2024 23:00	1040	1040	10/24/2024	1209
10/2/2024 0:00	1040	1040	10/25/2024	1206
10/2/2024 1:00	1040	1040	10/26/2024	1208
10/2/2024 2:00	1039	1040	10/27/2024	1211
10/2/2024 3:00	1039	1039	10/28/2024	1211
10/2/2024 4:00	1039	1039	10/29/2024	1214
10/2/2024 5:00	1039	1039	10/30/2024	1209
10/2/2024 6:00	1039	1039	10/31/2024	1210
10/2/2024 7:00	1039			
10/2/2024 8:00	1039	1040		
10/2/2024 9:00	1040	1040		
10/2/2024 10:00	1040	1040		
10/2/2024 11:00	1040	1041		
10/2/2024 12:00	1041	1041		
10/2/2024 13:00	1041	1041		
10/2/2024 14:00	1041	1041		
10/2/2024 15:00	1041	1041		
10/2/2024 16:00	1041	1042		
10/2/2024 17:00	1042	1042		
10/2/2024 18:00	1042	1042		
10/2/2024 19:00	1042	1042		
10/2/2024 20:00	1042	1042		
10/2/2024 21:00	1042	1042		
10/2/2024 22:00	1042	1042		
10/2/2024 23:00	1041	1042		
10/3/2024 0:00	1041	1041		
10/3/2024 1:00	1041	1041		
10/3/2024 2:00	1041	1041		
10/3/2024 3:00	1041	1041		
10/3/2024 4:00	1041	1041		
10/3/2024 5:00	1041	1042		
10/3/2024 6:00	1042	1042		
10/3/2024 7:00	1042	1042		
10/3/2024 8:00	1042	1042		
10/3/2024 9:00	1042	1042		
10/3/2024 10:00	1042	1042		
10/3/2024 11:00	1042	1042		
10/3/2024 12:00	1042	1042		
10/3/2024 13:00	1042	1042		
10/3/2024 14:00	1042	1042		
10/3/2024 15:00	1042	1042		
10/3/2024 16:00	1042	1042		
10/3/2024 17:00	1042	1042		
10/3/2024 18:00	1042	1042		
10/3/2024 19:00	1042	1042		
10/3/2024 20:00	1042	1042		
10/3/2024 21:00	1042	1042		
10/3/2024 22:00	1042	1042		
10/3/2024 23:00	1042	1043		

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
10/4/2024 0:00	1043	1043		
10/4/2024 1:00	1043	1043		
10/4/2024 2:00	1043	1043		
10/4/2024 3:00	1043	1043		
10/4/2024 4:00	1043	1043		
10/4/2024 5:00	1043	1043		
10/4/2024 6:00	1043	1043		
10/4/2024 7:00	1043	1043		
10/4/2024 8:00	1043	1043		
10/4/2024 9:00	1043	1043		
10/4/2024 10:00	1043	1044		
10/4/2024 11:00	1044	1044		
10/4/2024 12:00	1044	1044		
10/4/2024 13:00	1044	1044		
10/4/2024 14:00	1044	1044		
10/4/2024 15:00	1044	1044		
10/4/2024 16:00	1044	1045		
10/4/2024 17:00	1045	1045		
10/4/2024 18:00	1045	1045		
10/4/2024 19:00	1045	1045		
10/4/2024 20:00	1045	1045		
10/4/2024 21:00	1044	1045		
10/4/2024 22:00	1044	1044		
10/4/2024 23:00	1044	1044		
10/5/2024 0:00	1044	1044		
10/5/2024 1:00	1044	1044		
10/5/2024 2:00	1044	1044		
10/5/2024 3:00	1044	1044		
10/5/2024 4:00	1044	1044		
10/5/2024 5:00	1044	1044		
10/5/2024 6:00	1044	1044		
10/5/2024 7:00	1044	1044		
10/5/2024 8:00	1044	1044		
10/5/2024 9:00	1044	1044		
10/5/2024 10:00	1044	1045		
10/5/2024 11:00	1045	1045		
10/5/2024 12:00	1045	1045		
10/5/2024 13:00	1045	1045		
10/5/2024 14:00	1045	1045		
10/5/2024 15:00	1045	1045		
10/5/2024 16:00	1045	1045		
10/5/2024 17:00	1045	1045		
10/5/2024 18:00	1045	1045		
10/5/2024 19:00	1045	1045		
10/5/2024 20:00	1045	1045		
10/5/2024 21:00	1045	1045		
10/5/2024 22:00	1045	1045		
10/5/2024 23:00	1044	1045		
10/6/2024 0:00	1044	1044		
10/6/2024 1:00	1044	1044		
10/6/2024 2:00	1044	1044		
10/6/2024 3:00	1043	1044		
10/6/2024 4:00	1043	1043		
10/6/2024 5:00	1043	1043		
10/6/2024 6:00	1043	1043		
10/6/2024 7:00	1043	1043		
10/6/2024 8:00	1043	1043		
10/6/2024 9:00	1043	1043		
10/6/2024 10:00	1043	1043		
10/6/2024 11:00	1043	1043		
10/6/2024 12:00	1043	1043		
10/6/2024 13:00	1043	1043		
10/6/2024 14:00	1043	1043		
10/6/2024 15:00	1043	1043		
10/6/2024 16:00	1042	1043		
10/6/2024 17:00	1042	1042		
10/6/2024 18:00	1042	1042		
10/6/2024 19:00	1042	1042		
10/6/2024 20:00	1042	1042		
10/6/2024 21:00	1042	1042		
10/6/2024 22:00	1042	1042		
10/6/2024 23:00	1042	1042		
10/7/2024 0:00	1042	1042		
10/7/2024 1:00	1042	1042		
10/7/2024 2:00	1042	1042		
10/7/2024 3:00	1042	1043		
10/7/2024 4:00	1043	1043		
10/7/2024 5:00	1043	1043		
10/7/2024 6:00	1043	1043		
10/7/2024 7:00	1043	1043		

Xcel Energy
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Date	Daily Average
10/7/2024 8:00	1043	1043		
10/7/2024 9:00	1043	1043		
10/7/2024 10:00	1042	1043		
10/7/2024 11:00	1042	1042		
10/7/2024 12:00	1042	1042		
10/7/2024 13:00	1042	1042		
10/7/2024 14:00	1042	1042		
10/7/2024 15:00	1042	1042		
10/7/2024 16:00	1042	1042		
10/7/2024 17:00	1042	1042		
10/7/2024 18:00	1042	1042		
10/7/2024 19:00	1042	1042		
10/7/2024 20:00	1042	1042		
10/7/2024 21:00	1042	1042		
10/7/2024 22:00	1042	1042		
10/7/2024 23:00	1042	1043		
10/8/2024 0:00	1043	1043		
10/8/2024 1:00	1043	1043		
10/8/2024 2:00	1043	1043		
10/8/2024 3:00	1042	1043		
10/8/2024 4:00	1042	1042		
10/8/2024 5:00	1041	1042		
10/8/2024 6:00	1041	1041		
10/8/2024 7:00	1041	1041		
10/8/2024 8:00	1041	1041		
10/8/2024 9:00	1041	1041		
10/8/2024 10:00	1041	1042		
10/8/2024 11:00	1042	1042		
10/8/2024 12:00	1042	1042		
10/8/2024 13:00	1042	1042		
10/8/2024 14:00	1042	1042		
10/8/2024 15:00	1042	1042		
10/8/2024 16:00	1042	1042		
10/8/2024 17:00	1042	1042		
10/8/2024 18:00	1042	1043		
10/8/2024 19:00	1043	1043		
10/8/2024 20:00	1043	1043		
10/8/2024 21:00	1043	1044		
10/8/2024 22:00	1044	1046		
10/8/2024 23:00	1046	1047		
10/9/2024 0:00	1047	1048		
10/9/2024 1:00	1048	1049		
10/9/2024 2:00	1049	1049		
10/9/2024 3:00	1048	1049		
10/9/2024 4:00	1048	1048		
10/9/2024 5:00	1047	1048		
10/9/2024 6:00	1046	1047		
10/9/2024 7:00	1046	1046		
10/9/2024 8:00	1045	1046		
10/9/2024 9:00	1045	1045		
10/9/2024 10:00	1044	1045		
10/9/2024 11:00	1044	1044		
10/9/2024 12:00	1043	1044		
10/9/2024 13:00	1043	1043		
10/9/2024 14:00	1043	1043		
10/9/2024 15:00	1041	1043		
10/9/2024 16:00	1041	1041		
10/9/2024 17:00	1041	1041		
10/9/2024 18:00	1041	1041		
10/9/2024 19:00	1041	1041		
10/9/2024 20:00	1041	1041		
10/9/2024 21:00	1041	1042		
10/9/2024 22:00	1042	1042		
10/9/2024 23:00	1042	1042		
10/10/2024 0:00	1042	1042		
10/10/2024 1:00	1042	1042		
10/10/2024 2:00	1041	1042		
10/10/2024 3:00	1041	1041		
10/10/2024 4:00	1041	1041		
10/10/2024 5:00	1041	1041		
10/10/2024 6:00	1041	1041		
10/10/2024 7:00	1041	1041		
10/10/2024 8:00	1041	1041		
10/10/2024 9:00	1041	1042		
10/10/2024 10:00	1042	1043		
10/10/2024 11:00	1043	1043		
10/10/2024 12:00	1043	1043		
10/10/2024 13:00	1043	1043		
10/10/2024 14:00	1042	1043		
10/10/2024 15:00	1042	1042		

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
10/10/2024 16:00	1042	1042		
10/10/2024 17:00	1042	1042		
10/10/2024 18:00	1042	1042		
10/10/2024 19:00	1042	1043		
10/10/2024 20:00	1043	1043		
10/10/2024 21:00	1043	1043		
10/10/2024 22:00	1043	1043		
10/10/2024 23:00	1043	1043		
10/11/2024 0:00	1043	1044		
10/11/2024 1:00	1044	1044		
10/11/2024 2:00	1044	1044		
10/11/2024 3:00	1044	1044		
10/11/2024 4:00	1044	1045		
10/11/2024 5:00	1045	1045		
10/11/2024 6:00	1045	1045		
10/11/2024 7:00	1045	1046		
10/11/2024 8:00	1045	1046		
10/11/2024 9:00	1045	1045		
10/11/2024 10:00	1045	1045		
10/11/2024 11:00	1045	1045		
10/11/2024 12:00	1045	1046		
10/11/2024 13:00	1046	1046		
10/11/2024 14:00	1046	1046		
10/11/2024 15:00	1046	1046		
10/11/2024 16:00	1045	1046		
10/11/2024 17:00	1045	1045		
10/11/2024 18:00	1045	1045		
10/11/2024 19:00	1045	1045		
10/11/2024 20:00	1045	1045		
10/11/2024 21:00	1045	1045		
10/11/2024 22:00	1045	1045		
10/11/2024 23:00	1045	1045		
10/12/2024 0:00	1045	1046		
10/12/2024 1:00	1046	1046		
10/12/2024 2:00	1046	1046		
10/12/2024 3:00	1046	1046		
10/12/2024 4:00	1046	1046		
10/12/2024 5:00	1046	1046		
10/12/2024 6:00	1045	1046		
10/12/2024 7:00	1045	1045		
10/12/2024 8:00	1045	1045		
10/12/2024 9:00	1045	1045		
10/12/2024 10:00	1044	1045		
10/12/2024 11:00	1044	1044		
10/12/2024 12:00	1044	1044		
10/12/2024 13:00	1044	1044		
10/12/2024 14:00	1044	1044		
10/12/2024 15:00	1043	1044		
10/12/2024 16:00	1043	1043		
10/12/2024 17:00	1043	1043		
10/12/2024 18:00	1042	1043		
10/12/2024 19:00	1042	1042		
10/12/2024 20:00	1042	1042		
10/12/2024 21:00	1042	1042		
10/12/2024 22:00	1042	1042		
10/12/2024 23:00	1042	1042		
10/13/2024 0:00	1041	1042		
10/13/2024 1:00	1041	1041		
10/13/2024 2:00	1041	1041		
10/13/2024 3:00	1041	1042		
10/13/2024 4:00	1042	1042		
10/13/2024 5:00	1042	1042		
10/13/2024 6:00	1042	1042		
10/13/2024 7:00	1042	1042		
10/13/2024 8:00	1042	1042		
10/13/2024 9:00	1042	1042		
10/13/2024 10:00	1041	1042		
10/13/2024 11:00	1041	1041		
10/13/2024 12:00	1041	1041		
10/13/2024 13:00	1041	1041		
10/13/2024 14:00	1041	1041		
10/13/2024 15:00	1041	1041		
10/13/2024 16:00	1041	1041		
10/13/2024 17:00	1041	1041		
10/13/2024 18:00	1041	1041		
10/13/2024 19:00	1041	1041		
10/13/2024 20:00	1040	1041		
10/13/2024 21:00	1040	1040		
10/13/2024 22:00	1040	1040		
10/13/2024 23:00	1040	1041		

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
10/14/2024 0:00	1041	1041		
10/14/2024 1:00	1041	1041		
10/14/2024 2:00	1041	1042		
10/14/2024 3:00	1042	1042		
10/14/2024 4:00	1042	1043		
10/14/2024 5:00	1043	1043		
10/14/2024 6:00	1043	1043		
10/14/2024 7:00	1043	1043		
10/14/2024 8:00	1043	1043		
10/14/2024 9:00	1043	1043		
10/14/2024 10:00	1043	1043		
10/14/2024 11:00	1043	1043		
10/14/2024 12:00	1043	1043		
10/14/2024 13:00	1043	1043		
10/14/2024 14:00	1043	1043		
10/14/2024 15:00	1043	1043		
10/14/2024 16:00	1043	1043		
10/14/2024 17:00	1043	1043		
10/14/2024 18:00	1043	1043		
10/14/2024 19:00	1043	1043		
10/14/2024 20:00	1043	1043		
10/14/2024 21:00	1043	1043		
10/14/2024 22:00	1043	1043		
10/14/2024 23:00	1043	1043		
10/15/2024 0:00	1043	1043		
10/15/2024 1:00	1043	1043		
10/15/2024 2:00	1043	1044		
10/15/2024 3:00	1044	1044		
10/15/2024 4:00	1044	1044		
10/15/2024 5:00	1044	1044		
10/15/2024 6:00	1044	1044		
10/15/2024 7:00	1044	1044		
10/15/2024 8:00	1044	1044		
10/15/2024 9:00	1044	1044		
10/15/2024 10:00	1044	1044		
10/15/2024 11:00	1044	1044		
10/15/2024 12:00	1044	1044		
10/15/2024 13:00	1044	1044		
10/15/2024 14:00	1044	1044		
10/15/2024 15:00	1044	1044		
10/15/2024 16:00	1044	1044		
10/15/2024 17:00	1044	1044		
10/15/2024 18:00	1044	1044		
10/15/2024 19:00	1044	1044		
10/15/2024 20:00	1044	1044		
10/15/2024 21:00	1044	1044		
10/15/2024 22:00	1044	1044		
10/15/2024 23:00	1044	1044		
10/16/2024 0:00	1044	1044		
10/16/2024 1:00	1044	1044		
10/16/2024 2:00	1044	1044		
10/16/2024 3:00	1044	1044		
10/16/2024 4:00	1043	1044		
10/16/2024 5:00	1043	1043		
10/16/2024 6:00	1042	1043		
10/16/2024 7:00	1042	1042		
10/16/2024 8:00	1042	1042		
10/16/2024 9:00	1042	1042		
10/16/2024 10:00	1042	1042		
10/16/2024 11:00	1042	1042		
10/16/2024 12:00	1042	1042		
10/16/2024 13:00	1042	1042		
10/16/2024 14:00	1042	1042		
10/16/2024 15:00	1042	1042		
10/16/2024 16:00	1042	1042		
10/16/2024 17:00	1042	1042		
10/16/2024 18:00	1042	1042		
10/16/2024 19:00	1042	1042		
10/16/2024 20:00	1042	1042		
10/16/2024 21:00	1042	1042		
10/16/2024 22:00	1042	1043		
10/16/2024 23:00	1043	1043		
10/17/2024 0:00	1043	1043		
10/17/2024 1:00	1043	1043		
10/17/2024 2:00	1043	1043		
10/17/2024 3:00	1043	1043		
10/17/2024 4:00	1043	1043		
10/17/2024 5:00	1043	1043		
10/17/2024 6:00	1043	1043		
10/17/2024 7:00	1043	1043		

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	Min BTU	Max BTU	Date	Daily Average
10/17/2024 8:00	1043	1043		
10/17/2024 9:00	1043	1043		
10/17/2024 10:00	1043	1043		
10/17/2024 11:00	1043	1043		
10/17/2024 12:00	1043	1043		
10/17/2024 13:00	1043	1043		
10/17/2024 14:00	1043	1043		
10/17/2024 15:00	1042	1043		
10/17/2024 16:00	1042	1042		
10/17/2024 17:00	1042	1042		
10/17/2024 18:00	1042	1042		
10/17/2024 19:00	1042	1042		
10/17/2024 20:00	1042	1042		
10/17/2024 21:00	1042	1042		
10/17/2024 22:00	1042	1042		
10/17/2024 23:00	1042	1042		
10/18/2024 0:00	1042	1042		
10/18/2024 1:00	1042	1042		
10/18/2024 2:00	1042	1042		
10/18/2024 3:00	1042	1042		
10/18/2024 4:00	1042	1042		
10/18/2024 5:00	1042	1042		
10/18/2024 6:00	1042	1042		
10/18/2024 7:00	1042	1042		
10/18/2024 8:00	1042	1042		
10/18/2024 9:00	1042	1042		
10/18/2024 10:00	1042	1042		
10/18/2024 11:00	1042	1042		
10/18/2024 12:00	1042	1042		
10/18/2024 13:00	1042	1042		
10/18/2024 14:00	1041	1042		
10/18/2024 15:00	1041	1041		
10/18/2024 16:00	1041	1041		
10/18/2024 17:00	1041	1041		
10/18/2024 18:00	1041	1041		
10/18/2024 19:00	1041	1041		
10/18/2024 20:00	1041	1041		
10/18/2024 21:00	1041	1041		
10/18/2024 22:00	1041	1041		
10/18/2024 23:00	1041	1042		
10/19/2024 0:00	1042	1042		
10/19/2024 1:00	1042	1042		
10/19/2024 2:00	1042	1043		
10/19/2024 3:00	1043	1043		
10/19/2024 4:00	1043	1043		
10/19/2024 5:00	1043	1043		
10/19/2024 6:00	1043	1043		
10/19/2024 7:00	1043	1044		
10/19/2024 8:00	1044	1044		
10/19/2024 9:00	1044	1044		
10/19/2024 10:00	1044	1044		
10/19/2024 11:00	1044	1044		
10/19/2024 12:00	1044	1044		
10/19/2024 13:00	1044	1045		
10/19/2024 14:00	1045	1045		
10/19/2024 15:00	1045	1046		
10/19/2024 16:00	1046	1046		
10/19/2024 17:00	1046	1046		
10/19/2024 18:00	1046	1047		
10/19/2024 19:00	1047	1047		
10/19/2024 20:00	1047	1047		
10/19/2024 21:00	1047	1047		
10/19/2024 22:00	1047	1047		
10/19/2024 23:00	1047	1047		
10/20/2024 0:00	1046	1047		
10/20/2024 1:00	1046	1046		
10/20/2024 2:00	1046	1046		
10/20/2024 3:00	1046	1046		
10/20/2024 4:00	1046	1046		
10/20/2024 5:00	1046	1046		
10/20/2024 6:00	1046	1047		
10/20/2024 7:00	1047	1047		
10/20/2024 8:00	1047	1047		
10/20/2024 9:00	1047	1047		
10/20/2024 10:00	1046	1047		
10/20/2024 11:00	1046	1046		
10/20/2024 12:00	1046	1046		
10/20/2024 13:00	1046	1046		
10/20/2024 14:00	1045	1046		
10/20/2024 15:00	1045	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
10/20/2024 16:00	1045	1045		
10/20/2024 17:00	1045	1045		
10/20/2024 18:00	1044	1045		
10/20/2024 19:00	1044	1044		
10/20/2024 20:00	1044	1044		
10/20/2024 21:00	1044	1044		
10/20/2024 22:00	1044	1044		
10/20/2024 23:00	1044	1044		
10/21/2024 0:00	1044	1044		
10/21/2024 1:00	1044	1044		
10/21/2024 2:00	1044	1044		
10/21/2024 3:00	1044	1045		
10/21/2024 4:00	1045	1046		
10/21/2024 5:00	1046	1047		
10/21/2024 6:00	1047	1049		
10/21/2024 7:00	1049	1051		
10/21/2024 8:00	1051	1051		
10/21/2024 9:00	1051	1053		
10/21/2024 10:00	1053	1054		
10/21/2024 11:00	1054	1054		
10/21/2024 12:00	1054	1054		
10/21/2024 13:00	1054	1055		
10/21/2024 14:00	1055	1055		
10/21/2024 15:00	1055	1056		
10/21/2024 16:00	1055	1056		
10/21/2024 17:00	1055	1055		
10/21/2024 18:00	1055	1055		
10/21/2024 19:00	1054	1055		
10/21/2024 20:00	1053	1054		
10/21/2024 21:00	1053	1053		
10/21/2024 22:00	1052	1053		
10/21/2024 23:00	1051	1052		
10/22/2024 0:00	1050	1051		
10/22/2024 1:00	1050	1050		
10/22/2024 2:00	1049	1050		
10/22/2024 3:00	1049	1049		
10/22/2024 4:00	1048	1049		
10/22/2024 5:00	1047	1048		
10/22/2024 6:00	1047	1047		
10/22/2024 7:00	1047	1047		
10/22/2024 8:00	1046	1047		
10/22/2024 9:00	1046	1046		
10/22/2024 10:00	1046	1046		
10/22/2024 11:00	1046	1046		
10/22/2024 12:00	1046	1046		
10/22/2024 13:00	1046	1046		
10/22/2024 14:00	1046	1046		
10/22/2024 15:00	1045	1046		
10/22/2024 16:00	1045	1045		
10/22/2024 17:00	1044	1045		
10/22/2024 18:00	1044	1044		
10/22/2024 19:00	1044	1044		
10/22/2024 20:00	1044	1044		
10/22/2024 21:00	1044	1044		
10/22/2024 22:00	1044	1044		
10/22/2024 23:00	1044	1044		
10/23/2024 0:00	1044	1044		
10/23/2024 1:00	1044	1044		
10/23/2024 2:00	1044	1044		
10/23/2024 3:00	1044	1044		
10/23/2024 4:00	1044	1044		
10/23/2024 5:00	1044	1044		
10/23/2024 6:00	1044	1044		
10/23/2024 7:00	1044	1044		
10/23/2024 8:00	1044	1044		
10/23/2024 9:00	1043	1044		
10/23/2024 10:00	1043	1043		
10/23/2024 11:00	1043	1043		
10/23/2024 12:00	1043	1043		
10/23/2024 13:00	1042	1043		
10/23/2024 14:00	1042	1042		
10/23/2024 15:00	1042	1043		
10/23/2024 16:00	1043	1043		
10/23/2024 17:00	1043	1043		
10/23/2024 18:00	1041	1043		
10/23/2024 19:00	1041	1041		
10/23/2024 20:00	1041	1041		
10/23/2024 21:00	1041	1042		
10/23/2024 22:00	1042	1042		
10/23/2024 23:00	1041	1042		

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
10/24/2024 0:00	1041	1041		
10/24/2024 1:00	1041	1041		
10/24/2024 2:00	1041	1041		
10/24/2024 3:00	1041	1041		
10/24/2024 4:00	1041	1041		
10/24/2024 5:00	1041	1041		
10/24/2024 6:00	1041	1041		
10/24/2024 7:00	1041	1041		
10/24/2024 8:00	1041	1041		
10/24/2024 9:00	1041	1041		
10/24/2024 10:00	1041	1041		
10/24/2024 11:00	1041	1041		
10/24/2024 12:00	1041	1041		
10/24/2024 13:00	1041	1041		
10/24/2024 14:00	1041	1041		
10/24/2024 15:00	1041	1041		
10/24/2024 16:00	1041	1041		
10/24/2024 17:00	1041	1041		
10/24/2024 18:00	1040	1041		
10/24/2024 19:00	1040	1040		
10/24/2024 20:00	1040	1040		
10/24/2024 21:00	1040	1040		
10/24/2024 22:00	1040	1040		
10/24/2024 23:00	1040	1040		
10/25/2024 0:00	1040	1040		
10/25/2024 1:00	1040	1040		
10/25/2024 2:00	1039	1040		
10/25/2024 3:00	1039	1039		
10/25/2024 4:00	1039	1039		
10/25/2024 5:00	1039	1039		
10/25/2024 6:00	1039	1039		
10/25/2024 7:00	1039	1039		
10/25/2024 8:00	1039	1039		
10/25/2024 9:00	1039	1039		
10/25/2024 10:00	1039	1039		
10/25/2024 11:00	1039	1039		
10/25/2024 12:00	1039	1039		
10/25/2024 13:00	1038	1039		
10/25/2024 14:00	1038	1038		
10/25/2024 15:00	1038	1038		
10/25/2024 16:00	1038	1038		
10/25/2024 17:00	1038	1038		
10/25/2024 18:00	1038	1038		
10/25/2024 19:00	1038	1038		
10/25/2024 20:00	1038	1038		
10/25/2024 21:00	1038	1038		
10/25/2024 22:00	1038	1038		
10/25/2024 23:00	1038	1039		
10/26/2024 0:00	1039	1039		
10/26/2024 1:00	1039	1040		
10/26/2024 2:00	1040	1041		
10/26/2024 3:00	1041	1041		
10/26/2024 4:00	1041	1042		
10/26/2024 5:00	1042	1042		
10/26/2024 6:00	1042	1042		
10/26/2024 7:00	1042	1042		
10/26/2024 8:00	1042	1042		
10/26/2024 9:00	1042	1042		
10/26/2024 10:00	1042	1042		
10/26/2024 11:00	1042	1043		
10/26/2024 12:00	1043	1044		
10/26/2024 13:00	1044	1046		
10/26/2024 14:00	1046	1047		
10/26/2024 15:00	1047	1047		
10/26/2024 16:00	1047	1048		
10/26/2024 17:00	1048	1048		
10/26/2024 18:00	1048	1048		
10/26/2024 19:00	1048	1048		
10/26/2024 20:00	1048	1048		
10/26/2024 21:00	1047	1048		
10/26/2024 22:00	1046	1047		
10/26/2024 23:00	1045	1046		
10/27/2024 0:00	1044	1045		
10/27/2024 1:00	1043	1044		
10/27/2024 2:00	1043	1043		
10/27/2024 3:00	1043	1043		
10/27/2024 4:00	1042	1043		
10/27/2024 5:00	1042	1042		
10/27/2024 6:00	1042	1042		
10/27/2024 7:00	1042	1042		

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
10/27/2024 8:00	1041	1042		
10/27/2024 9:00	1041	1041		
10/27/2024 10:00	1041	1041		
10/27/2024 11:00	1041	1041		
10/27/2024 12:00	1040	1041		
10/27/2024 13:00	1040	1040		
10/27/2024 14:00	1040	1040		
10/27/2024 15:00	1039	1040		
10/27/2024 16:00	1039	1039		
10/27/2024 17:00	1039	1039		
10/27/2024 18:00	1039	1039		
10/27/2024 19:00	1038	1039		
10/27/2024 20:00	1038	1038		
10/27/2024 21:00	1038	1039		
10/27/2024 22:00	1039	1039		
10/27/2024 23:00	1039	1039		
10/28/2024 0:00	1039	1039		
10/28/2024 1:00	1039	1039		
10/28/2024 2:00	1039	1040		
10/28/2024 3:00	1040	1040		
10/28/2024 4:00	1040	1040		
10/28/2024 5:00	1040	1040		
10/28/2024 6:00	1040	1040		
10/28/2024 7:00	1040	1040		
10/28/2024 8:00	1040	1040		
10/28/2024 9:00	1040	1040		
10/28/2024 10:00	1040	1040		
10/28/2024 11:00	1040	1040		
10/28/2024 12:00	1040	1041		
10/28/2024 13:00	1041	1041		
10/28/2024 14:00	1041	1041		
10/28/2024 15:00	1041	1041		
10/28/2024 16:00	1041	1041		
10/28/2024 17:00	1041	1041		
10/28/2024 18:00	1041	1041		
10/28/2024 19:00	1041	1041		
10/28/2024 20:00	1041	1041		
10/28/2024 21:00	1041	1041		
10/28/2024 22:00	1041	1041		
10/28/2024 23:00	1041	1041		
10/29/2024 0:00	1041	1041		
10/29/2024 1:00	1041	1042		
10/29/2024 2:00	1042	1042		
10/29/2024 3:00	1042	1042		
10/29/2024 4:00	1041	1042		
10/29/2024 5:00	1041	1041		
10/29/2024 6:00	1041	1041		
10/29/2024 7:00	1041	1041		
10/29/2024 8:00	1041	1041		
10/29/2024 9:00	1040	1041		
10/29/2024 10:00	1040	1040		
10/29/2024 11:00	1040	1040		
10/29/2024 12:00	1040	1040		
10/29/2024 13:00	1040	1040		
10/29/2024 14:00	1040	1040		
10/29/2024 15:00	1040	1040		
10/29/2024 16:00	1040	1040		
10/29/2024 17:00	1040	1040		
10/29/2024 18:00	1040	1040		
10/29/2024 19:00	1040	1040		
10/29/2024 20:00	1040	1040		
10/29/2024 21:00	1040	1040		
10/29/2024 22:00	1040	1040		
10/29/2024 23:00	1040	1040		
10/30/2024 0:00	1040	1041		
10/30/2024 1:00	1041	1041		
10/30/2024 2:00	1041	1041		
10/30/2024 3:00	1041	1041		
10/30/2024 4:00	1041	1041		
10/30/2024 5:00	1041	1041		
10/30/2024 6:00	1041	1041		
10/30/2024 7:00	1041	1041		
10/30/2024 8:00	1041	1041		
10/30/2024 9:00	1041	1041		
10/30/2024 10:00	1041	1041		
10/30/2024 11:00	1041	1041		
10/30/2024 12:00	1041	1041		
10/30/2024 13:00	1041	1042		
10/30/2024 14:00	1042	1042		
10/30/2024 15:00	1042	1042		

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
10/30/2024 16:00	1042	1042		
10/30/2024 17:00	1041	1042		
10/30/2024 18:00	1041	1041		
10/30/2024 19:00	1041	1041		
10/30/2024 20:00	1041	1041		
10/30/2024 21:00	1041	1041		
10/30/2024 22:00	1041	1041		
10/30/2024 23:00	1041	1041		
10/31/2024 0:00	1041	1041		
10/31/2024 1:00	1041	1042		
10/31/2024 2:00	1042	1042		
10/31/2024 3:00	1042	1042		
10/31/2024 4:00	1042	1042		
10/31/2024 5:00	1042	1042		
10/31/2024 6:00	1042	1042		
10/31/2024 7:00	1042	1042		
10/31/2024 8:00	1042	1042		
10/31/2024 9:00	1042	1042		
10/31/2024 10:00	1042	1042		
10/31/2024 11:00	1042	1042		
10/31/2024 12:00	1042	1042		
10/31/2024 13:00	1042	1042		
10/31/2024 14:00	1042	1042		
10/31/2024 15:00	1042	1042		
10/31/2024 16:00	1042	1042		
10/31/2024 17:00	1042	1042		
10/31/2024 18:00	1042	1042		
10/31/2024 19:00	1042	1042		
10/31/2024 20:00	1042	1042		
10/31/2024 21:00	1042	1042		
10/31/2024 22:00	1042	1042		
10/31/2024 23:00	1042	1042		