



825 Rice Street
Saint Paul, MN 55117

April 22 2020

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 March 2020 as required by N.D. PU-20-89.

If you need further information or clarification regarding the enclosed response, please contact Lisa Kallberg at 651-229-2282.

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
3/1/2020 0:00	1039	1039	1040	1040
3/1/2020 1:00	1039	1039	1040	1040
3/1/2020 2:00	1039	1039	1039	1040
3/1/2020 3:00	1039	1039	1037	1039
3/1/2020 4:00	1039	1039	1035	1037
3/1/2020 5:00	1039	1039	1034	1038
3/1/2020 6:00	1039	1039	1036	1038
3/1/2020 7:00	1039	1039	1035	1036
3/1/2020 8:00	1039	1039	1034	1035
3/1/2020 9:00	1039	1039	1034	1034
3/1/2020 10:00	1037	1039	1034	1034
3/1/2020 11:00	1035	1037	1034	1035
3/1/2020 12:00	1035	1036	1035	1036
3/1/2020 13:00	1036	1036	1036	1036
3/1/2020 14:00	1034	1036	1036	1038
3/1/2020 15:00	1034	1034	1038	1039
3/1/2020 16:00	1033	1034	1039	1040
3/1/2020 17:00	1033	1033	1040	1040
3/1/2020 18:00	1033	1034	1040	1040
3/1/2020 19:00	1034	1034	1040	1040
3/1/2020 20:00	1034	1035	1040	1040
3/1/2020 21:00	1035	1035	1040	1040
3/1/2020 22:00	1035	1035	1040	1040
3/1/2020 23:00	1035	1038	1040	1040
3/2/2020 0:00	1038	1039	1040	1040
3/2/2020 1:00	1039	1039	1040	1040
3/2/2020 2:00	1039	1039	1040	1040
3/2/2020 3:00	1039	1039	1040	1040
3/2/2020 4:00	1039	1039	1040	1040
3/2/2020 5:00	1039	1039	1040	1040
3/2/2020 6:00	1039	1039	1038	1040
3/2/2020 7:00	1039	1039	1037	1038
3/2/2020 8:00	1039	1039	1037	1037
3/2/2020 9:00	1039	1039	1037	1037
3/2/2020 10:00	1039	1039	1037	1037
3/2/2020 11:00	1039	1039	1037	1038
3/2/2020 12:00	1039	1039	1038	1041
3/2/2020 13:00	1038	1039	1041	1042
3/2/2020 14:00	1038	1038	1041	1041
3/2/2020 15:00	1036	1038	1041	1041
3/2/2020 16:00	1036	1036	1041	1041
3/2/2020 17:00	1036	1036	1041	1041
3/2/2020 18:00	1036	1037	1041	1042
3/2/2020 19:00	1037	1037	1042	1042
3/2/2020 20:00	1037	1038	1042	1042
3/2/2020 21:00	1038	1040	1041	1042
3/2/2020 22:00	1040	1040	1041	1042
3/2/2020 23:00	1040	1040	1041	1041
3/3/2020 0:00	1040	1040	1041	1041
3/3/2020 1:00	1040	1040	1041	1041
3/3/2020 2:00	1040	1040	1041	1041
3/3/2020 3:00	1040	1041	1041	1041
3/3/2020 4:00	1041	1041	1040	1041
3/3/2020 5:00	1041	1041	1038	1040
3/3/2020 6:00	1040	1041	1036	1038
3/3/2020 7:00	1040	1040	1036	1036
3/3/2020 8:00	1040	1040	1036	1036
3/3/2020 9:00	1040	1040	1036	1036
3/3/2020 10:00	1040	1040	1036	1036
3/3/2020 11:00	1040	1040	1036	1037
3/3/2020 12:00	1040	1040	1037	1037
3/3/2020 13:00	1038	1040	1037	1037
3/3/2020 14:00	1037	1038	1037	1040
3/3/2020 15:00	1035	1037	1039	1040
3/3/2020 16:00	1035	1035	1039	1040
3/3/2020 17:00	1035	1035	1037	1039
3/3/2020 18:00	1035	1035	1037	1037
3/3/2020 19:00	1035	1036	1037	1037
3/3/2020 20:00	1036	1036	1037	1037
3/3/2020 21:00	1036	1036	1037	1041
3/3/2020 22:00	1036	1036	1041	1043
3/3/2020 23:00	1036	1038	1043	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	Min BTU	Max BTU
3/4/2020 0:00	1038	1039	1043	1043
3/4/2020 1:00	1038	1039	1043	1043
3/4/2020 2:00	1037	1038	1042	1043
3/4/2020 3:00	1036	1037	1042	1042
3/4/2020 4:00	1036	1036	1042	1042
3/4/2020 5:00	1036	1036	1041	1042
3/4/2020 6:00	1036	1037	1038	1041
3/4/2020 7:00	1037	1041	1036	1038
3/4/2020 8:00	1041	1041	1035	1036
3/4/2020 9:00	1041	1041	1035	1035
3/4/2020 10:00	1041	1042	1034	1035
3/4/2020 11:00	1041	1042	1034	1035
3/4/2020 12:00	1041	1041	1035	1035
3/4/2020 13:00	1041	1041	1035	1036
3/4/2020 14:00	1041	1041	1036	1036
3/4/2020 15:00	1038	1041	1036	1036
3/4/2020 16:00	1036	1038	1036	1037
3/4/2020 17:00	1035	1036	1036	1037
3/4/2020 18:00	1034	1035	1036	1036
3/4/2020 19:00	1034	1034	1035	1036
3/4/2020 20:00	1034	1034	1036	1036
3/4/2020 21:00	1034	1034	1036	1037
3/4/2020 22:00	1034	1034	1037	1038
3/4/2020 23:00	1034	1036	1038	1038
3/5/2020 0:00	1036	1036	1038	1038
3/5/2020 1:00	1036	1036	1037	1038
3/5/2020 2:00	1036	1036	1038	1038
3/5/2020 3:00	1035	1036	1038	1038
3/5/2020 4:00	1035	1035	1038	1038
3/5/2020 5:00	1035	1036	1038	1038
3/5/2020 6:00	1036	1037	1037	1038
3/5/2020 7:00	1037	1037	1036	1037
3/5/2020 8:00	1037	1037	1036	1037
3/5/2020 9:00	1037	1037	1037	1038
3/5/2020 10:00	1037	1037	1037	1038
3/5/2020 11:00	1037	1037	1037	1037
3/5/2020 12:00	1037	1037	1037	1042
3/5/2020 13:00	1037	1037	1042	1042
3/5/2020 14:00	1037	1037	1042	1042
3/5/2020 15:00	1036	1037	1042	1042
3/5/2020 16:00	1035	1036	1042	1042
3/5/2020 17:00	1035	1036	1037	1042
3/5/2020 18:00	1036	1039	1036	1037
3/5/2020 19:00	1039	1040	1036	1036
3/5/2020 20:00	1040	1041	1036	1036
3/5/2020 21:00	1041	1041	1036	1036
3/5/2020 22:00	1040	1041	1036	1037
3/5/2020 23:00	1040	1041	1036	1037
3/6/2020 0:00	1041	1041	1036	1036
3/6/2020 1:00	1041	1041	1036	1036
3/6/2020 2:00	1036	1041	1036	1036
3/6/2020 3:00	1035	1036	1036	1037
3/6/2020 4:00	1035	1035	1037	1038
3/6/2020 5:00	1035	1035	1038	1038
3/6/2020 6:00	1035	1035	1038	1038
3/6/2020 7:00	1035	1036	1037	1038
3/6/2020 8:00	1036	1036	1037	1037
3/6/2020 9:00	1035	1036	1037	1037
3/6/2020 10:00	1035	1035	1037	1037
3/6/2020 11:00	1035	1036	1037	1037
3/6/2020 12:00	1036	1037	1037	1037
3/6/2020 13:00	1037	1037	1037	1037
3/6/2020 14:00	1036	1037	1037	1037
3/6/2020 15:00	1036	1036	1037	1037
3/6/2020 16:00	1036	1036	1037	1037
3/6/2020 17:00	1036	1036	1037	1037
3/6/2020 18:00	1036	1036	1037	1038
3/6/2020 19:00	1036	1037	1038	1038
3/6/2020 20:00	1036	1037	1038	1038
3/6/2020 21:00	1036	1036	1038	1038
3/6/2020 22:00	1036	1037	1038	1038
3/6/2020 23:00	1037	1037	1038	1038
3/7/2020 0:00	1036	1037	1038	1038
3/7/2020 1:00	1036	1036	1038	1038
3/7/2020 2:00	1036	1036	1038	1039
3/7/2020 3:00	1036	1037	1039	1041
3/7/2020 4:00	1037	1037	1041	1042
3/7/2020 5:00	1037	1037	1041	1042
3/7/2020 6:00	1037	1037	1039	1041
3/7/2020 7:00	1037	1037	1037	1039

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
3/7/2020 8:00	1037	1037	1037	1037
3/7/2020 9:00	1037	1037	1036	1037
3/7/2020 10:00	1037	1037	1036	1036
3/7/2020 11:00	1037	1038	1036	1036
3/7/2020 12:00	1038	1039	1036	1036
3/7/2020 13:00	1039	1040	1036	1037
3/7/2020 14:00	1040	1040	1036	1037
3/7/2020 15:00	1039	1040	1037	1037
3/7/2020 16:00	1037	1039	1037	1037
3/7/2020 17:00	1036	1037	1037	1037
3/7/2020 18:00	1036	1036	1037	1037
3/7/2020 19:00	1036	1036	1037	1038
3/7/2020 20:00	1035	1036	1037	1038
3/7/2020 21:00	1035	1035	1038	1038
3/7/2020 22:00	1035	1035	1038	1038
3/7/2020 23:00	1035	1036	1038	1038
3/8/2020 0:00	1036	1036	1038	1040
3/8/2020 1:00	1036	1037	1040	1041
3/8/2020 3:00	1037	1037	1041	1042
3/8/2020 4:00	1037	1037	1042	1042
3/8/2020 5:00	1037	1037	1042	1042
3/8/2020 6:00	1037	1037	1042	1042
3/8/2020 7:00	1037	1037	1042	1042
3/8/2020 8:00	1037	1037	1041	1042
3/8/2020 9:00	1037	1037	1040	1041
3/8/2020 10:00	1037	1037	1038	1040
3/8/2020 11:00	1037	1037	1037	1038
3/8/2020 12:00	1037	1038	1036	1037
3/8/2020 13:00	1038	1040	1035	1036
3/8/2020 14:00	1040	1041	1036	1036
3/8/2020 15:00	1041	1041	1036	1036
3/8/2020 16:00	1041	1041	1036	1036
3/8/2020 17:00	1041	1041	1036	1036
3/8/2020 18:00	1041	1041	1036	1037
3/8/2020 19:00	1040	1041	1036	1037
3/8/2020 20:00	1040	1040	1036	1036
3/8/2020 21:00	1040	1040	1035	1036
3/8/2020 22:00	1039	1040	1035	1036
3/8/2020 23:00	1037	1039	1036	1036
3/9/2020 0:00	1036	1037	1036	1037
3/9/2020 1:00	1035	1036	1036	1037
3/9/2020 2:00	1035	1035	1036	1037
3/9/2020 3:00	1035	1035	1037	1037
3/9/2020 4:00	1035	1035	1037	1038
3/9/2020 5:00	1035	1035	1038	1041
3/9/2020 6:00	1035	1036	1041	1044
3/9/2020 7:00	1036	1036	1044	1044
3/9/2020 8:00	1035	1036	1044	1044
3/9/2020 9:00	1035	1035	1044	1044
3/9/2020 10:00	1035	1035	1044	1044
3/9/2020 11:00	1035	1036	1043	1044
3/9/2020 12:00	1036	1036	1041	1043
3/9/2020 13:00	1036	1036	1038	1041
3/9/2020 14:00	1036	1036	1036	1038
3/9/2020 15:00	1036	1036	1035	1036
3/9/2020 16:00	1036	1038	1035	1035
3/9/2020 17:00	1038	1041	1034	1035
3/9/2020 18:00	1041	1043	1034	1034
3/9/2020 19:00	1043	1043	1034	1034
3/9/2020 20:00	1042	1043	1034	1034
3/9/2020 21:00	1042	1042	1034	1034
3/9/2020 22:00	1041	1042	1034	1035
3/9/2020 23:00	1039	1041	1034	1036
3/10/2020 0:00	1036	1039	1036	1040
3/10/2020 1:00	1035	1036	1040	1042
3/10/2020 2:00	1034	1035	1042	1042
3/10/2020 3:00	1034	1034	1042	1043
3/10/2020 4:00	1034	1034	1043	1043
3/10/2020 5:00	1034	1034	1042	1043
3/10/2020 6:00	1034	1034	1042	1042
3/10/2020 7:00	1034	1034	1042	1042
3/10/2020 8:00	1034	1034	1042	1042
3/10/2020 9:00	1034	1034	1041	1042
3/10/2020 10:00	1034	1035	1040	1041
3/10/2020 11:00	1035	1038	1037	1040
3/10/2020 12:00	1038	1040	1034	1037
3/10/2020 13:00	1040	1041	1034	1034
3/10/2020 14:00	1041	1041	1033	1034
3/10/2020 15:00	1041	1041	1033	1033
3/10/2020 16:00	1041	1041	1033	1033

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
3/10/2020 17:00	1041	1041	1033	1033
3/10/2020 18:00	1041	1041	1033	1034
3/10/2020 19:00	1040	1041	1033	1034
3/10/2020 20:00	1039	1040	1034	1034
3/10/2020 21:00	1037	1039	1034	1034
3/10/2020 22:00	1034	1037	1034	1034
3/10/2020 23:00	1033	1034	1034	1034
3/11/2020 0:00	1033	1033	1034	1036
3/11/2020 1:00	1033	1033	1036	1039
3/11/2020 2:00	1033	1033	1038	1042
3/11/2020 3:00	1033	1033	1042	1042
3/11/2020 4:00	1033	1033	1042	1042
3/11/2020 5:00	1033	1033	1042	1042
3/11/2020 6:00	1033	1033	1041	1042
3/11/2020 7:00	1033	1033	1041	1041
3/11/2020 8:00	1033	1034	1041	1041
3/11/2020 9:00	1034	1034	1040	1041
3/11/2020 10:00	1034	1036	1039	1040
3/11/2020 11:00	1036	1039	1036	1039
3/11/2020 12:00	1039	1041	1033	1036
3/11/2020 13:00	1041	1041	1033	1033
3/11/2020 14:00	1041	1041	1033	1034
3/11/2020 15:00	1041	1041	1033	1034
3/11/2020 16:00	1040	1041	1033	1034
3/11/2020 17:00	1040	1040	1034	1034
3/11/2020 18:00	1039	1040	1034	1034
3/11/2020 19:00	1036	1039	1033	1034
3/11/2020 20:00	1033	1036	1034	1035
3/11/2020 21:00	1033	1033	1034	1035
3/11/2020 22:00	1033	1033	1034	1035
3/11/2020 23:00	1033	1033	1035	1039
3/12/2020 0:00	1033	1033	1039	1042
3/12/2020 1:00	1033	1034	1042	1042
3/12/2020 2:00	1034	1034	1041	1042
3/12/2020 3:00	1033	1034	1041	1041
3/12/2020 4:00	1033	1034	1041	1041
3/12/2020 5:00	1034	1034	1041	1041
3/12/2020 6:00	1034	1034	1041	1041
3/12/2020 7:00	1034	1037	1041	1041
3/12/2020 8:00	1037	1040	1041	1041
3/12/2020 9:00	1040	1040	1040	1041
3/12/2020 10:00	1040	1041	1038	1040
3/12/2020 11:00	1040	1041	1036	1038
3/12/2020 12:00	1040	1040	1033	1036
3/12/2020 13:00	1040	1040	1030	1033
3/12/2020 14:00	1040	1040	1030	1030
3/12/2020 15:00	1040	1040	1030	1030
3/12/2020 16:00	1040	1040	1030	1030
3/12/2020 17:00	1040	1040	1030	1031
3/12/2020 18:00	1039	1040	1030	1031
3/12/2020 19:00	1038	1039	1030	1031
3/12/2020 20:00	1035	1038	1030	1031
3/12/2020 21:00	1032	1035	1030	1030
3/12/2020 22:00	1030	1032	1030	1030
3/12/2020 23:00	1030	1030	1030	1030
3/13/2020 0:00	1029	1030	1029	1030
3/13/2020 1:00	1029	1029	1028	1029
3/13/2020 2:00	1029	1030	1028	1029
3/13/2020 3:00	1030	1030	1028	1028
3/13/2020 4:00	1030	1030	1028	1028
3/13/2020 5:00	1030	1030	1028	1029
3/13/2020 6:00	1030	1030	1029	1032
3/13/2020 7:00	1030	1030	1032	1035
3/13/2020 8:00	1029	1030	1033	1035
3/13/2020 9:00	1029	1029	1031	1033
3/13/2020 10:00	1028	1029	1030	1031
3/13/2020 11:00	1028	1028	1030	1030
3/13/2020 12:00	1028	1028	1030	1030
3/13/2020 13:00	1027	1028	1030	1030
3/13/2020 14:00	1027	1028	1029	1030
3/13/2020 15:00	1028	1030	1028	1029
3/13/2020 16:00	1030	1033	1028	1028
3/13/2020 17:00	1033	1034	1028	1029
3/13/2020 18:00	1031	1034	1028	1029
3/13/2020 19:00	1029	1031	1028	1028
3/13/2020 20:00	1029	1030	1028	1028
3/13/2020 21:00	1030	1030	1028	1028
3/13/2020 22:00	1030	1030	1028	1029
3/13/2020 23:00	1029	1030	1029	1029
3/14/2020 0:00	1028	1029	1029	1029

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
3/14/2020 1:00	1028	1028	1029	1030
3/14/2020 2:00	1028	1028	1030	1030
3/14/2020 3:00	1028	1028	1030	1030
3/14/2020 4:00	1028	1028	1030	1030
3/14/2020 5:00	1028	1028	1030	1031
3/14/2020 6:00	1028	1028	1030	1031
3/14/2020 7:00	1028	1028	1030	1031
3/14/2020 8:00	1028	1028	1031	1031
3/14/2020 9:00	1028	1028	1031	1031
3/14/2020 10:00	1028	1029	1031	1031
3/14/2020 11:00	1029	1029	1031	1031
3/14/2020 12:00	1029	1030	1031	1031
3/14/2020 13:00	1030	1030	1031	1031
3/14/2020 14:00	1030	1030	1031	1031
3/14/2020 15:00	1030	1030	1031	1035
3/14/2020 16:00	1030	1030	1035	1035
3/14/2020 17:00	1030	1030	1035	1035
3/14/2020 18:00	1030	1031	1034	1035
3/14/2020 19:00	1031	1031	1032	1034
3/14/2020 20:00	1031	1031	1030	1032
3/14/2020 21:00	1031	1031	1030	1030
3/14/2020 22:00	1031	1031	1030	1030
3/14/2020 23:00	1031	1031	1030	1030
3/15/2020 0:00	1031	1031	1030	1031
3/15/2020 1:00	1031	1034	1031	1031
3/15/2020 2:00	1034	1034	1031	1031
3/15/2020 3:00	1034	1034	1031	1031
3/15/2020 4:00	1033	1034	1031	1031
3/15/2020 5:00	1032	1033	1031	1031
3/15/2020 6:00	1031	1032	1031	1031
3/15/2020 7:00	1030	1031	1031	1031
3/15/2020 8:00	1029	1030	1031	1031
3/15/2020 9:00	1029	1029	1031	1032
3/15/2020 10:00	1029	1030	1032	1032
3/15/2020 11:00	1030	1030	1032	1032
3/15/2020 12:00	1030	1030	1031	1032
3/15/2020 13:00	1030	1031	1031	1031
3/15/2020 14:00	1031	1031	1030	1031
3/15/2020 15:00	1031	1031	1030	1030
3/15/2020 16:00	1031	1031	1030	1030
3/15/2020 17:00	1031	1031	1030	1030
3/15/2020 18:00	1031	1031	1030	1030
3/15/2020 19:00	1031	1032	1030	1030
3/15/2020 20:00	1032	1032	1030	1031
3/15/2020 21:00	1031	1032	1031	1031
3/15/2020 22:00	1031	1031	1031	1031
3/15/2020 23:00	1031	1031	1031	1031
3/16/2020 0:00	1030	1031	1031	1031
3/16/2020 1:00	1030	1030	1031	1031
3/16/2020 2:00	1030	1030	1031	1031
3/16/2020 3:00	1030	1030	1031	1031
3/16/2020 4:00	1030	1030	1031	1031
3/16/2020 5:00	1030	1030	1031	1031
3/16/2020 6:00	1030	1030	1031	1031
3/16/2020 7:00	1030	1031	1031	1032
3/16/2020 8:00	1031	1031	1032	1033
3/16/2020 9:00	1031	1031	1033	1034
3/16/2020 10:00	1030	1031	1033	1034
3/16/2020 11:00	1030	1030	1032	1033
3/16/2020 12:00	1030	1030	1032	1033
3/16/2020 13:00	1030	1030	1032	1032
3/16/2020 14:00	1030	1030	1031	1032
3/16/2020 15:00	1030	1030	1031	1031
3/16/2020 16:00	1030	1031	1030	1031
3/16/2020 17:00	1031	1032	1030	1035
3/16/2020 18:00	1032	1033	1035	1036
3/16/2020 19:00	1033	1033	1035	1036
3/16/2020 20:00	1032	1033	1035	1035
3/16/2020 21:00	1032	1032	1034	1035
3/16/2020 22:00	1032	1032	1034	1034
3/16/2020 23:00	1031	1032	1034	1034
3/17/2020 0:00	1031	1031	1034	1034
3/17/2020 1:00	1030	1031	1034	1034
3/17/2020 2:00	1030	1032	1033	1034
3/17/2020 3:00	1032	1035	1033	1034
3/17/2020 4:00	1035	1035	1034	1034
3/17/2020 5:00	1035	1035	1034	1035
3/17/2020 6:00	1034	1035	1035	1036
3/17/2020 7:00	1034	1034	1036	1036
3/17/2020 8:00	1033	1034	1036	1037

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
3/17/2020 9:00	1033	1033	1033	1036
3/17/2020 10:00	1033	1033	1033	1033
3/17/2020 11:00	1033	1033	1033	1033
3/17/2020 12:00	1033	1033	1033	1034
3/17/2020 13:00	1033	1033	1034	1034
3/17/2020 14:00	1033	1034	1034	1034
3/17/2020 15:00	1034	1035	1034	1034
3/17/2020 16:00	1035	1035	1034	1034
3/17/2020 17:00	1035	1035	1034	1035
3/17/2020 18:00	1033	1035	1035	1035
3/17/2020 19:00	1033	1033	1034	1035
3/17/2020 20:00	1033	1033	1034	1034
3/17/2020 21:00	1033	1033	1033	1034
3/17/2020 22:00	1033	1033	1033	1033
3/17/2020 23:00	1033	1033	1033	1033
3/18/2020 0:00	1033	1033	1033	1033
3/18/2020 1:00	1033	1034	1033	1033
3/18/2020 2:00	1034	1034	1033	1034
3/18/2020 3:00	1034	1034	1033	1034
3/18/2020 4:00	1034	1034	1033	1034
3/18/2020 5:00	1033	1034	1033	1034
3/18/2020 6:00	1033	1033	1033	1033
3/18/2020 7:00	1033	1033	1033	1033
3/18/2020 8:00	1033	1033	1033	1033
3/18/2020 9:00	1033	1033	1033	1033
3/18/2020 10:00	1033	1033	1032	1033
3/18/2020 11:00	1033	1033	1032	1032
3/18/2020 12:00	1033	1033	1031	1032
3/18/2020 13:00	1033	1033	1031	1031
3/18/2020 14:00	1033	1033	1030	1031
3/18/2020 15:00	1033	1033	1029	1030
3/18/2020 16:00	1033	1033	1029	1029
3/18/2020 17:00	1033	1033	1029	1029
3/18/2020 18:00	1033	1033	1029	1030
3/18/2020 19:00	1033	1033	1030	1031
3/18/2020 20:00	1033	1033	1031	1032
3/18/2020 21:00	1031	1033	1031	1032
3/18/2020 22:00	1030	1031	1029	1031
3/18/2020 23:00	1029	1030	1029	1030
3/19/2020 0:00	1029	1029	1030	1031
3/19/2020 1:00	1029	1029	1031	1033
3/19/2020 2:00	1029	1030	1033	1033
3/19/2020 3:00	1030	1031	1033	1033
3/19/2020 4:00	1031	1032	1033	1033
3/19/2020 5:00	1030	1032	1033	1033
3/19/2020 6:00	1029	1030	1032	1033
3/19/2020 7:00	1029	1030	1032	1032
3/19/2020 8:00	1030	1031	1032	1033
3/19/2020 9:00	1031	1032	1033	1034
3/19/2020 10:00	1032	1033	1033	1034
3/19/2020 11:00	1033	1033	1032	1033
3/19/2020 12:00	1032	1033	1031	1032
3/19/2020 13:00	1032	1032	1032	1032
3/19/2020 14:00	1032	1032	1032	1032
3/19/2020 15:00	1032	1032	1032	1033
3/19/2020 16:00	1032	1033	1033	1033
3/19/2020 17:00	1033	1033	1033	1033
3/19/2020 18:00	1033	1033	1033	1033
3/19/2020 19:00	1032	1033	1033	1033
3/19/2020 20:00	1031	1032	1033	1033
3/19/2020 21:00	1031	1032	1033	1033
3/19/2020 22:00	1032	1032	1033	1033
3/19/2020 23:00	1032	1032	1033	1033
3/20/2020 0:00	1032	1032	1033	1034
3/20/2020 1:00	1032	1032	1034	1034
3/20/2020 2:00	1032	1032	1034	1034
3/20/2020 3:00	1032	1032	1034	1034
3/20/2020 4:00	1032	1032	1034	1034
3/20/2020 5:00	1032	1032	1034	1034
3/20/2020 6:00	1032	1032	1034	1034
3/20/2020 7:00	1032	1032	1034	1034
3/20/2020 8:00	1032	1032	1034	1036
3/20/2020 9:00	1032	1033	1036	1038
3/20/2020 10:00	1033	1033	1037	1040
3/20/2020 11:00	1033	1033	1038	1040
3/20/2020 12:00	1033	1033	1034	1038
3/20/2020 13:00	1033	1033	1034	1035
3/20/2020 14:00	1033	1033	1033	1034
3/20/2020 15:00	1033	1033	1033	1033
3/20/2020 16:00	1033	1034	1033	1033

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
3/20/2020 17:00	1034	1036	1033	1034
3/20/2020 18:00	1036	1037	1034	1034
3/20/2020 19:00	1037	1038	1034	1034
3/20/2020 20:00	1033	1038	1034	1035
3/20/2020 21:00	1033	1033	1033	1035
3/20/2020 22:00	1032	1033	1033	1033
3/20/2020 23:00	1032	1033	1033	1033
3/21/2020 0:00	1033	1033	1033	1033
3/21/2020 1:00	1033	1033	1033	1033
3/21/2020 2:00	1033	1033	1033	1034
3/21/2020 3:00	1033	1033	1034	1034
3/21/2020 4:00	1033	1034	1034	1034
3/21/2020 5:00	1032	1034	1034	1034
3/21/2020 6:00	1032	1032	1034	1034
3/21/2020 7:00	1032	1032	1034	1034
3/21/2020 8:00	1032	1033	1034	1035
3/21/2020 9:00	1033	1033	1035	1036
3/21/2020 10:00	1033	1033	1036	1037
3/21/2020 11:00	1033	1033	1037	1039
3/21/2020 12:00	1033	1033	1039	1041
3/21/2020 13:00	1033	1033	1039	1041
3/21/2020 14:00	1033	1033	1035	1039
3/21/2020 15:00	1033	1034	1034	1035
3/21/2020 16:00	1034	1034	1033	1034
3/21/2020 17:00	1034	1035	1031	1033
3/21/2020 18:00	1035	1036	1030	1031
3/21/2020 19:00	1036	1038	1030	1030
3/21/2020 20:00	1038	1039	1030	1031
3/21/2020 21:00	1039	1039	1031	1032
3/21/2020 22:00	1037	1039	1032	1032
3/21/2020 23:00	1034	1037	1032	1033
3/22/2020 0:00	1033	1034	1033	1034
3/22/2020 1:00	1032	1033	1034	1036
3/22/2020 2:00	1030	1032	1036	1038
3/22/2020 3:00	1030	1030	1038	1038
3/22/2020 4:00	1030	1030	1037	1038
3/22/2020 5:00	1030	1031	1035	1037
3/22/2020 6:00	1031	1032	1032	1035
3/22/2020 7:00	1032	1032	1032	1032
3/22/2020 8:00	1032	1033	1032	1033
3/22/2020 9:00	1033	1033	1032	1033
3/22/2020 10:00	1033	1036	1031	1032
3/22/2020 11:00	1036	1037	1031	1031
3/22/2020 12:00	1037	1038	1030	1031
3/22/2020 13:00	1036	1038	1030	1030
3/22/2020 14:00	1034	1036	1030	1030
3/22/2020 15:00	1032	1034	1030	1031
3/22/2020 16:00	1032	1032	1031	1032
3/22/2020 17:00	1032	1032	1032	1032
3/22/2020 18:00	1032	1032	1031	1032
3/22/2020 19:00	1031	1032	1031	1031
3/22/2020 20:00	1030	1031	1031	1031
3/22/2020 21:00	1030	1030	1031	1031
3/22/2020 22:00	1030	1030	1030	1031
3/22/2020 23:00	1030	1030	1030	1030
3/23/2020 0:00	1030	1031	1030	1030
3/23/2020 1:00	1031	1032	1030	1030
3/23/2020 2:00	1031	1032	1030	1030
3/23/2020 3:00	1031	1031	1029	1030
3/23/2020 4:00	1031	1031	1029	1029
3/23/2020 5:00	1031	1031	1029	1029
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3/23/2020 7:00	1030	1030	1030	1030
3/23/2020 8:00	1030	1030	1030	1031
3/23/2020 9:00	1030	1030	1031	1032
3/23/2020 10:00	1030	1030	1032	1035
3/23/2020 11:00	1029	1030	1035	1038
3/23/2020 12:00	1029	1029	1038	1038
3/23/2020 13:00	1029	1029	1037	1038
3/23/2020 14:00	1029	1029	1035	1037
3/23/2020 15:00	1029	1029	1035	1035
3/23/2020 16:00	1029	1029	1035	1035
3/23/2020 17:00	1029	1030	1035	1035
3/23/2020 18:00	1030	1031	1035	1036
3/23/2020 19:00	1031	1034	1035	1036
3/23/2020 20:00	1034	1036	1035	1036
3/23/2020 21:00	1036	1037	1035	1036
3/23/2020 22:00	1036	1037	1035	1035
3/23/2020 23:00	1035	1036	1034	1035
3/24/2020 0:00	1034	1035	1034	1034

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
3/24/2020 1:00	1034	1034	1033	1034
3/24/2020 2:00	1034	1034	1033	1033
3/24/2020 3:00	1034	1035	1033	1034
3/24/2020 4:00	1035	1035	1033	1034
3/24/2020 5:00	1035	1035	1033	1034
3/24/2020 6:00	1035	1035	1034	1035
3/24/2020 7:00	1035	1035	1035	1035
3/24/2020 8:00	1034	1035	1035	1035
3/24/2020 9:00	1034	1034	1035	1035
3/24/2020 10:00	1033	1034	1035	1035
3/24/2020 11:00	1033	1033	1035	1035
3/24/2020 12:00	1032	1033	1035	1036
3/24/2020 13:00	1032	1033	1036	1036
3/24/2020 14:00	1033	1033	1036	1036
3/24/2020 15:00	1033	1033	1036	1036
3/24/2020 16:00	1033	1034	1036	1036
3/24/2020 17:00	1034	1034	1036	1036
3/24/2020 18:00	1034	1034	1036	1036
3/24/2020 19:00	1034	1034	1036	1037
3/24/2020 20:00	1034	1034	1037	1037
3/24/2020 21:00	1034	1034	1037	1037
3/24/2020 22:00	1034	1035	1037	1037
3/24/2020 23:00	1035	1036	1036	1037
3/25/2020 0:00	1036	1036	1036	1037
3/25/2020 1:00	1036	1036	1036	1037
3/25/2020 2:00	1035	1036	1036	1037
3/25/2020 3:00	1035	1035	1036	1037
3/25/2020 4:00	1035	1035	1036	1037
3/25/2020 5:00	1035	1036	1036	1036
3/25/2020 6:00	1036	1036	1036	1036
3/25/2020 7:00	1036	1036	1035	1036
3/25/2020 8:00	1036	1036	1035	1035
3/25/2020 9:00	1036	1036	1034	1035
3/25/2020 10:00	1036	1036	1034	1034
3/25/2020 11:00	1036	1036	1034	1035
3/25/2020 12:00	1036	1036	1035	1035
3/25/2020 13:00	1036	1036	1035	1035
3/25/2020 14:00	1036	1036	1035	1036
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3/25/2020 16:00	1035	1035	1036	1036
3/25/2020 17:00	1035	1035	1035	1036
3/25/2020 18:00	1034	1035	1035	1036
3/25/2020 19:00	1034	1034	1035	1036
3/25/2020 20:00	1034	1034	1036	1036
3/25/2020 21:00	1034	1034	1036	1036
3/25/2020 22:00	1034	1034	1036	1036
3/25/2020 23:00	1034	1034	1036	1036
3/26/2020 0:00	1034	1035	1036	1036
3/26/2020 1:00	1035	1035	1035	1036
3/26/2020 2:00	1035	1035	1035	1035
3/26/2020 3:00	1035	1035	1035	1035
3/26/2020 4:00	1035	1035	1035	1035
3/26/2020 5:00	1035	1035	1035	1035
3/26/2020 6:00	1035	1036	1035	1035
3/26/2020 7:00	1036	1036	1035	1035
3/26/2020 8:00	1035	1036	1035	1035
3/26/2020 9:00	1035	1035	1035	1035
3/26/2020 10:00	1035	1035	1035	1035
3/26/2020 11:00	1035	1035	1035	1036
3/26/2020 12:00	1034	1035	1035	1036
3/26/2020 13:00	1034	1034	1036	1036
3/26/2020 14:00	1034	1034	1036	1037
3/26/2020 15:00	1034	1034	1036	1037
3/26/2020 16:00	1034	1034	1036	1037
3/26/2020 17:00	1034	1034	1036	1036
3/26/2020 18:00	1034	1034	1036	1036
3/26/2020 19:00	1034	1034	1036	1036
3/26/2020 20:00	1034	1035	1036	1037
3/26/2020 21:00	1035	1035	1037	1037
3/26/2020 22:00	1035	1035	1036	1037
3/26/2020 23:00	1035	1035	1036	1037
3/27/2020 0:00	1035	1036	1036	1036
3/27/2020 1:00	1036	1036	1036	1036
3/27/2020 2:00	1036	1036	1036	1036
3/27/2020 3:00	1035	1036	1036	1036
3/27/2020 4:00	1035	1035	1036	1036
3/27/2020 5:00	1035	1036	1036	1036
3/27/2020 6:00	1036	1036	1036	1036
3/27/2020 7:00	1036	1036	1036	1036
3/27/2020 8:00	1036	1036	1036	1036

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
3/27/2020 9:00	1036	1036	1036	1037
3/27/2020 10:00	1035	1036	1037	1037
3/27/2020 11:00	1035	1035	1037	1038
3/27/2020 12:00	1035	1035	1038	1038
3/27/2020 13:00	1035	1035	1038	1038
3/27/2020 14:00	1035	1035	1038	1038
3/27/2020 15:00	1035	1035	1038	1038
3/27/2020 16:00	1035	1035	1037	1038
3/27/2020 17:00	1035	1035	1037	1037
3/27/2020 18:00	1035	1036	1037	1037
3/27/2020 19:00	1036	1036	1036	1037
3/27/2020 20:00	1036	1036	1036	1036
3/27/2020 21:00	1036	1037	1036	1036
3/27/2020 22:00	1037	1037	1035	1036
3/27/2020 23:00	1037	1037	1035	1036
3/28/2020 0:00	1037	1037	1036	1036
3/28/2020 1:00	1037	1037	1036	1036
3/28/2020 2:00	1037	1037	1036	1036
3/28/2020 3:00	1036	1037	1036	1036
3/28/2020 4:00	1036	1036	1036	1036
3/28/2020 5:00	1036	1036	1036	1036
3/28/2020 6:00	1036	1036	1036	1036
3/28/2020 7:00	1035	1036	1036	1036
3/28/2020 8:00	1035	1035	1036	1036
3/28/2020 9:00	1035	1035	1035	1036
3/28/2020 10:00	1035	1035	1035	1035
3/28/2020 11:00	1035	1035	1035	1035
3/28/2020 12:00	1035	1035	1035	1035
3/28/2020 13:00	1035	1035	1035	1037
3/28/2020 14:00	1035	1035	1037	1037
3/28/2020 15:00	1035	1035	1036	1037
3/28/2020 16:00	1035	1035	1036	1036
3/28/2020 17:00	1035	1035	1036	1036
3/28/2020 18:00	1035	1035	1036	1036
3/28/2020 19:00	1035	1035	1036	1037
3/28/2020 20:00	1034	1035	1037	1038
3/28/2020 21:00	1034	1034	1038	1038
3/28/2020 22:00	1034	1034	1038	1039
3/28/2020 23:00	1034	1036	1039	1039
3/29/2020 0:00	1036	1036	1039	1039
3/29/2020 1:00	1036	1036	1039	1039
3/29/2020 2:00	1036	1036	1038	1039
3/29/2020 3:00	1035	1036	1038	1039
3/29/2020 4:00	1035	1035	1038	1038
3/29/2020 5:00	1035	1035	1038	1038
3/29/2020 6:00	1035	1036	1038	1039
3/29/2020 7:00	1036	1036	1039	1039
3/29/2020 8:00	1036	1037	1039	1039
3/29/2020 9:00	1037	1037	1039	1039
3/29/2020 10:00	1037	1038	1039	1039
3/29/2020 11:00	1038	1038	1039	1039
3/29/2020 12:00	1038	1038	1039	1039
3/29/2020 13:00	1038	1038	1039	1039
3/29/2020 14:00	1038	1038	1039	1039
3/29/2020 15:00	1037	1038	1039	1040
3/29/2020 16:00	1037	1037	1039	1040
3/29/2020 17:00	1037	1038	1040	1040
3/29/2020 18:00	1038	1038	1040	1040
3/29/2020 19:00	1038	1038	1039	1040
3/29/2020 20:00	1038	1038	1039	1039
3/29/2020 21:00	1038	1038	1039	1039
3/29/2020 22:00	1038	1038	1039	1039
3/29/2020 23:00	1038	1038	1039	1040
3/30/2020 0:00	1038	1038	1039	1040
3/30/2020 1:00	1038	1038	1040	1040
3/30/2020 2:00	1038	1038	1040	1040
3/30/2020 3:00	1038	1039	1040	1041
3/30/2020 4:00	1039	1039	1041	1041
3/30/2020 5:00	1039	1039	1041	1041
3/30/2020 6:00	1038	1039	1041	1041
3/30/2020 7:00	1038	1038	1040	1041
3/30/2020 8:00	1038	1038	1040	1041
3/30/2020 9:00	1038	1038	1041	1041
3/30/2020 10:00	1038	1038	1041	1041
3/30/2020 11:00	1038	1038	1040	1041
3/30/2020 12:00	1038	1039	1040	1040
3/30/2020 13:00	1039	1039	1040	1040
3/30/2020 14:00	1039	1039	1040	1040
3/30/2020 15:00	1039	1039	1039	1040
3/30/2020 16:00	1039	1039	1039	1039

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
3/30/2020 17:00	1039	1039	1039	1039
3/30/2020 18:00	1039	1039	1039	1040
3/30/2020 19:00	1039	1039	1040	1041
3/30/2020 20:00	1039	1040	1041	1041
3/30/2020 21:00	1039	1040	1041	1041
3/30/2020 22:00	1039	1039	1040	1041
3/30/2020 23:00	1039	1039	1040	1040
3/31/2020 0:00	1039	1039	1040	1040
3/31/2020 1:00	1038	1039	1040	1040
3/31/2020 2:00	1038	1038	1040	1040
3/31/2020 3:00	1038	1038	1040	1040
3/31/2020 4:00	1038	1038	1040	1041
3/31/2020 5:00	1038	1039	1041	1041
3/31/2020 6:00	1039	1039	1041	1042
3/31/2020 7:00	1039	1040	1042	1043
3/31/2020 8:00	1039	1040	1043	1044
3/31/2020 9:00	1039	1039	1044	1044
3/31/2020 10:00	1039	1039	1044	1044
3/31/2020 11:00	1039	1039	1043	1044
3/31/2020 12:00	1039	1039	1043	1044
3/31/2020 13:00	1039	1039	1044	1044
3/31/2020 14:00	1039	1039	1044	1044
3/31/2020 15:00	1039	1040	1044	1044
3/31/2020 16:00	1040	1040	1044	1045
3/31/2020 17:00	1040	1041	1045	1045
3/31/2020 18:00	1041	1042	1045	1045
3/31/2020 19:00	1042	1043	1045	1046
3/31/2020 20:00	1042	1043	1045	1046
3/31/2020 21:00	1042	1042	1045	1045
3/31/2020 22:00	1042	1042	1044	1045
3/31/2020 23:00	1042	1043	1044	1044