



825 Rice Street
Saint Paul, MN 55117

November 9, 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 October 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 651-788-0648.

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
10/1/2020 0:00	1037	1037	1045	1046
10/1/2020 1:00	1037	1037	1042	1046
10/1/2020 2:00	1037	1037	1038	1042
10/1/2020 3:00	1037	1037	1037	1038
10/1/2020 4:00	1037	1037	1037	1039
10/1/2020 5:00	1037	1037	1039	1039
10/1/2020 6:00	1037	1037	1039	1040
10/1/2020 7:00	1037	1037	1040	1041
10/1/2020 8:00	1037	1037	1041	1041
10/1/2020 9:00	1037	1037	1041	1042
10/1/2020 10:00	1037	1037	1042	1042
10/1/2020 11:00	1037	1037	1042	1042
10/1/2020 12:00	1037	1037	1042	1042
10/1/2020 13:00	1037	1037	1042	1042
10/1/2020 14:00	1037	1037	1042	1042
10/1/2020 15:00	1037	1037	1042	1042
10/1/2020 16:00	1037	1037	1042	1042
10/1/2020 17:00	1037	1039	1042	1042
10/1/2020 18:00	1039	1045	1042	1042
10/1/2020 19:00	1040	1045	1042	1042
10/1/2020 20:00	1040	1046	1042	1042
10/1/2020 21:00	1046	1046	1042	1042
10/1/2020 22:00	1046	1047	1042	1042
10/1/2020 23:00	1047	1047	1042	1042
10/2/2020 0:00	1047	1048	1042	1042
10/2/2020 1:00	1048	1048	1042	1042
10/2/2020 2:00	1048	1048	1042	1042
10/2/2020 3:00	1048	1048	1042	1042
10/2/2020 4:00	1047	1048	1042	1042
10/2/2020 5:00	1047	1047	1042	1042
10/2/2020 6:00	1046	1047	1042	1042
10/2/2020 7:00	1046	1046	1042	1042
10/2/2020 8:00	1045	1046	1042	1042
10/2/2020 9:00	1045	1045	1042	1042
10/2/2020 10:00	1045	1045	1042	1042
10/2/2020 11:00	1045	1045	1042	1042
10/2/2020 12:00	1045	1045	1042	1042
10/2/2020 13:00	1045	1046	1042	1042
10/2/2020 14:00	1046	1047	1042	1042
10/2/2020 15:00	1047	1050	1042	1042
10/2/2020 16:00	1050	1056	1042	1042
10/2/2020 17:00	1056	1062	1042	1042
10/2/2020 18:00	1062	1063	1042	1042
10/2/2020 19:00	1062	1063	1042	1042
10/2/2020 20:00	1062	1062	1042	1042
10/2/2020 21:00	1061	1062	1042	1042
10/2/2020 22:00	1061	1061	1042	1042
10/2/2020 23:00	1061	1061	1042	1042
10/3/2020 0:00	1060	1061	1042	1042
10/3/2020 1:00	1060	1061	1042	1042
10/3/2020 2:00	1061	1061	1042	1042
10/3/2020 3:00	1061	1062	1042	1042
10/3/2020 4:00	1062	1062	1042	1042
10/3/2020 5:00	1061	1062	1042	1042
10/3/2020 6:00	1060	1061	1042	1042
10/3/2020 7:00	1060	1061	1042	1042
10/3/2020 8:00	1061	1061	1042	1042
10/3/2020 9:00	1061	1061	1042	1042
10/3/2020 10:00	1061	1061	1042	1042
10/3/2020 11:00	1061	1061	1042	1042
10/3/2020 12:00	1061	1061	1042	1042
10/3/2020 13:00	1055	1061	1042	1042
10/3/2020 14:00	1055	1055	1042	1042
10/3/2020 15:00	1055	1055	1042	1042
10/3/2020 16:00	1055	1055	1042	1042
10/3/2020 17:00	1055	1055	1042	1042
10/3/2020 18:00	1055	1055	1042	1042
10/3/2020 19:00	1055	1055	1042	1042
10/3/2020 20:00	1055	1061	1042	1042
10/3/2020 21:00	1060	1061	1042	1042
10/3/2020 22:00	1060	1060	1042	1042
10/3/2020 23:00	1059	1060	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	Min BTU	Max BTU
10/4/2020 0:00	1059	1059	1042	1043
10/4/2020 1:00	1059	1059	1043	1043
10/4/2020 2:00	1053	1059	1043	1043
10/4/2020 3:00	1053	1053	1043	1043
10/4/2020 4:00	1053	1059	1043	1043
10/4/2020 5:00	1059	1059	1043	1043
10/4/2020 6:00	1059	1059	1043	1043
10/4/2020 7:00	1059	1059	1043	1043
10/4/2020 8:00	1059	1059	1043	1043
10/4/2020 9:00	1059	1059	1043	1043
10/4/2020 10:00	1058	1059	1043	1043
10/4/2020 11:00	1058	1058	1043	1043
10/4/2020 12:00	1052	1058	1043	1043
10/4/2020 13:00	1052	1052	1043	1043
10/4/2020 14:00	1052	1052	1043	1043
10/4/2020 15:00	1052	1052	1043	1043
10/4/2020 16:00	1052	1053	1043	1043
10/4/2020 17:00	1053	1053	1043	1043
10/4/2020 18:00	1053	1053	1043	1043
10/4/2020 19:00	1053	1053	1043	1043
10/4/2020 20:00	1053	1053	1043	1043
10/4/2020 21:00	1053	1053	1043	1043
10/4/2020 22:00	1053	1059	1043	1043
10/4/2020 23:00	1059	1060	1043	1043
10/5/2020 0:00	1060	1060	1043	1043
10/5/2020 1:00	1059	1060	1043	1043
10/5/2020 2:00	1055	1059	1043	1043
10/5/2020 3:00	1051	1055	1043	1043
10/5/2020 4:00	1049	1051	1043	1043
10/5/2020 5:00	1048	1049	1043	1043
10/5/2020 6:00	1047	1048	1043	1043
10/5/2020 7:00	1046	1047	1043	1043
10/5/2020 8:00	1045	1046	1043	1043
10/5/2020 9:00	1045	1045	1043	1044
10/5/2020 10:00	1045	1047	1043	1044
10/5/2020 11:00	1047	1051	1043	1043
10/5/2020 12:00	1051	1053	1043	1048
10/5/2020 13:00	1047	1053	1048	1052
10/5/2020 14:00	1046	1047	1052	1055
10/5/2020 15:00	1046	1046	1054	1056
10/5/2020 16:00	1046	1046	1056	1056
10/5/2020 17:00	1044	1046	1055	1056
10/5/2020 18:00	1042	1044	1055	1055
10/5/2020 19:00	1042	1042	1055	1056
10/5/2020 20:00	1042	1045	1056	1056
10/5/2020 21:00	1045	1048	1056	1056
10/5/2020 22:00	1048	1057	1056	1056
10/5/2020 23:00	1057	1059	1054	1056
10/6/2020 0:00	1059	1061	1053	1054
10/6/2020 1:00	1061	1061	1052	1053
10/6/2020 2:00	1060	1061	1050	1052
10/6/2020 3:00	1059	1060	1049	1050
10/6/2020 4:00	1059	1059	1048	1049
10/6/2020 5:00	1059	1060	1047	1048
10/6/2020 6:00	1060	1061	1048	1051
10/6/2020 7:00	1061	1061	1051	1053
10/6/2020 8:00	1060	1061	1048	1054
10/6/2020 9:00	1060	1060	1048	1048
10/6/2020 10:00	1060	1060	1048	1048
10/6/2020 11:00	1060	1060	1048	1048
10/6/2020 12:00	1054	1060	1048	1048
10/6/2020 13:00	1054	1054	1048	1048
10/6/2020 14:00	1054	1054	1048	1048
10/6/2020 15:00	1054	1054	1048	1048
10/6/2020 16:00	1054	1054	1048	1048
10/6/2020 17:00	1054	1054	1048	1048
10/6/2020 18:00	1054	1054	1048	1048
10/6/2020 19:00	1054	1054	1048	1048
10/6/2020 20:00	1054	1061	1047	1048
10/6/2020 21:00	1060	1061	1047	1047
10/6/2020 22:00	1060	1060	1047	1047
10/6/2020 23:00	1059	1060	1047	1047
10/7/2020 0:00	1059	1059	1047	1047
10/7/2020 1:00	1058	1059	1047	1047
10/7/2020 2:00	1056	1058	1047	1047
10/7/2020 3:00	1055	1056	1047	1048
10/7/2020 4:00	1054	1055	1048	1050
10/7/2020 5:00	1053	1054	1049	1051
10/7/2020 6:00	1053	1053	1051	1053
10/7/2020 7:00	1053	1053	1052	1053

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/7/2020 8:00	1053	1053	1053	1053
10/7/2020 9:00	1053	1054	1052	1053
10/7/2020 10:00	1054	1054	1051	1052
10/7/2020 11:00	1054	1054	1050	1051
10/7/2020 12:00	1047	1054	1049	1050
10/7/2020 13:00	1047	1047	1049	1049
10/7/2020 14:00	1047	1047	1048	1049
10/7/2020 15:00	1047	1047	1048	1048
10/7/2020 16:00	1046	1047	1047	1048
10/7/2020 17:00	1046	1046	1044	1047
10/7/2020 18:00	1046	1046	1043	1044
10/7/2020 19:00	1046	1047	1042	1043
10/7/2020 20:00	1047	1051	1041	1043
10/7/2020 21:00	1051	1059	1040	1041
10/7/2020 22:00	1051	1059	1039	1040
10/7/2020 23:00	1049	1051	1039	1039
10/8/2020 0:00	1048	1049	1038	1039
10/8/2020 1:00	1047	1048	1038	1039
10/8/2020 2:00	1047	1052	1038	1039
10/8/2020 3:00	1044	1052	1038	1038
10/8/2020 4:00	1043	1044	1038	1038
10/8/2020 5:00	1043	1043	1038	1039
10/8/2020 6:00	1043	1043	1039	1040
10/8/2020 7:00	1042	1043	1039	1040
10/8/2020 8:00	1042	1042	1039	1039
10/8/2020 9:00	1041	1042	1039	1039
10/8/2020 10:00	1041	1047	1039	1039
10/8/2020 11:00	1040	1047	1039	1041
10/8/2020 12:00	1040	1046	1041	1041
10/8/2020 13:00	1039	1046	1041	1041
10/8/2020 14:00	1038	1039	1041	1041
10/8/2020 15:00	1038	1038	1041	1042
10/8/2020 16:00	1038	1038	1041	1042
10/8/2020 17:00	1038	1038	1041	1041
10/8/2020 18:00	1037	1038	1041	1042
10/8/2020 19:00	1037	1038	1042	1043
10/8/2020 20:00	1038	1039	1043	1043
10/8/2020 21:00	1039	1046	1042	1043
10/8/2020 22:00	1046	1046	1042	1042
10/8/2020 23:00	1039	1046	1042	1042
10/9/2020 0:00	1039	1039	1041	1042
10/9/2020 1:00	1039	1046	1041	1042
10/9/2020 2:00	1046	1047	1041	1041
10/9/2020 3:00	1047	1048	1041	1041
10/9/2020 4:00	1048	1048	1041	1041
10/9/2020 5:00	1048	1048	1041	1041
10/9/2020 6:00	1048	1048	1040	1041
10/9/2020 7:00	1047	1048	1040	1040
10/9/2020 8:00	1047	1047	1039	1040
10/9/2020 9:00	1047	1048	1039	1039
10/9/2020 10:00	1048	1049	1039	1039
10/9/2020 11:00	1042	1049	1038	1039
10/9/2020 12:00	1042	1049	1038	1038
10/9/2020 13:00	1041	1049	1038	1038
10/9/2020 14:00	1041	1041	1038	1038
10/9/2020 15:00	1041	1041	1038	1038
10/9/2020 16:00	1041	1041	1038	1038
10/9/2020 17:00	1041	1041	1038	1038
10/9/2020 18:00	1041	1041	1038	1038
10/9/2020 19:00	1040	1041	1038	1038
10/9/2020 20:00	1040	1040	1038	1039
10/9/2020 21:00	1040	1040	1039	1039
10/9/2020 22:00	1039	1040	1039	1039
10/9/2020 23:00	1039	1039	1037	1039
10/10/2020 0:00	1039	1039	1033	1037
10/10/2020 1:00	1038	1039	1031	1033
10/10/2020 2:00	1038	1038	1029	1031
10/10/2020 3:00	1038	1038	1028	1029
10/10/2020 4:00	1038	1038	1027	1028
10/10/2020 5:00	1038	1038	1026	1027
10/10/2020 6:00	1038	1044	1026	1026
10/10/2020 7:00	1044	1044	1026	1026
10/10/2020 8:00	1044	1044	1026	1026
10/10/2020 9:00	1044	1044	1026	1026
10/10/2020 10:00	1044	1044	1026	1026
10/10/2020 11:00	1038	1044	1026	1026
10/10/2020 12:00	1038	1038	1026	1026
10/10/2020 13:00	1038	1038	1026	1026
10/10/2020 14:00	1038	1038	1026	1027
10/10/2020 15:00	1038	1038	1027	1027

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
10/10/2020 16:00	1038	1038	1027	1027
10/10/2020 17:00	1035	1038	1027	1028
10/10/2020 18:00	1033	1035	1028	1028
10/10/2020 19:00	1031	1033	1028	1028
10/10/2020 20:00	1029	1031	1028	1028
10/10/2020 21:00	1029	1029	1028	1028
10/10/2020 22:00	1029	1034	1028	1028
10/10/2020 23:00	1033	1034	1028	1028
10/11/2020 0:00	1032	1033	1028	1028
10/11/2020 1:00	1032	1032	1028	1028
10/11/2020 2:00	1032	1032	1028	1028
10/11/2020 3:00	1032	1032	1028	1028
10/11/2020 4:00	1032	1032	1028	1028
10/11/2020 5:00	1032	1032	1028	1028
10/11/2020 6:00	1032	1033	1028	1028
10/11/2020 7:00	1033	1033	1028	1028
10/11/2020 8:00	1033	1033	1028	1028
10/11/2020 9:00	1033	1033	1028	1028
10/11/2020 10:00	1033	1034	1028	1029
10/11/2020 11:00	1034	1034	1029	1029
10/11/2020 12:00	1034	1034	1029	1029
10/11/2020 13:00	1034	1034	1028	1029
10/11/2020 14:00	1034	1034	1027	1028
10/11/2020 15:00	1034	1034	1027	1027
10/11/2020 16:00	1028	1034	1027	1028
10/11/2020 17:00	1028	1028	1027	1028
10/11/2020 18:00	1028	1028	1028	1028
10/11/2020 19:00	1028	1035	1028	1028
10/11/2020 20:00	1034	1035	1028	1028
10/11/2020 21:00	1034	1034	1028	1028
10/11/2020 22:00	1034	1034	1028	1028
10/11/2020 23:00	1034	1034	1028	1028
10/12/2020 0:00	1034	1034	1028	1028
10/12/2020 1:00	1034	1034	1028	1028
10/12/2020 2:00	1034	1034	1028	1028
10/12/2020 3:00	1034	1035	1028	1028
10/12/2020 4:00	1035	1035	1028	1028
10/12/2020 5:00	1035	1036	1028	1028
10/12/2020 6:00	1035	1036	1028	1028
10/12/2020 7:00	1033	1035	1028	1028
10/12/2020 8:00	1033	1033	1028	1028
10/12/2020 9:00	1033	1034	1028	1028
10/12/2020 10:00	1034	1034	1028	1028
10/12/2020 11:00	1034	1034	1028	1028
10/12/2020 12:00	1034	1034	1028	1028
10/12/2020 13:00	1034	1034	1028	1028
10/12/2020 14:00	1034	1034	1028	1028
10/12/2020 15:00	1028	1034	1028	1028
10/12/2020 16:00	1028	1028	1028	1028
10/12/2020 17:00	1028	1028	1028	1028
10/12/2020 18:00	1028	1028	1028	1028
10/12/2020 19:00	1028	1028	1028	1028
10/12/2020 20:00	1028	1028	1028	1028
10/12/2020 21:00	1028	1034	1028	1028
10/12/2020 22:00	1034	1034	1028	1028
10/12/2020 23:00	1034	1034	1028	1028
10/13/2020 0:00	1034	1034	1028	1028
10/13/2020 1:00	1034	1034	1028	1028
10/13/2020 2:00	1034	1034	1028	1028
10/13/2020 3:00	1033	1034	1028	1028
10/13/2020 4:00	1033	1033	1028	1028
10/13/2020 5:00	1033	1033	1028	1028
10/13/2020 6:00	1033	1034	1028	1028
10/13/2020 7:00	1034	1034	1027	1028
10/13/2020 8:00	1034	1034	1027	1027
10/13/2020 9:00	1034	1034	1026	1027
10/13/2020 10:00	1034	1034	1026	1027
10/13/2020 11:00	1034	1034	1026	1026
10/13/2020 12:00	1034	1034	1026	1027
10/13/2020 13:00	1034	1034	1027	1027
10/13/2020 14:00	1028	1034	1026	1027
10/13/2020 15:00	1028	1034	1026	1026
10/13/2020 16:00	1028	1034	1026	1026
10/13/2020 17:00	1028	1028	1026	1026
10/13/2020 18:00	1028	1028	1026	1026
10/13/2020 19:00	1027	1028	1025	1026
10/13/2020 20:00	1027	1027	1025	1026
10/13/2020 21:00	1027	1033	1025	1025
10/13/2020 22:00	1032	1033	1025	1025
10/13/2020 23:00	1026	1032	1025	1025

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/14/2020 0:00	1026	1033	1024	1025
10/14/2020 1:00	1033	1033	1024	1024
10/14/2020 2:00	1033	1033	1023	1024
10/14/2020 3:00	1033	1033	1022	1023
10/14/2020 4:00	1033	1033	1021	1022
10/14/2020 5:00	1033	1033	1021	1021
10/14/2020 6:00	1032	1033	1021	1024
10/14/2020 7:00	1032	1032	1024	1025
10/14/2020 8:00	1032	1032	1025	1025
10/14/2020 9:00	1032	1032	1025	1025
10/14/2020 10:00	1032	1032	1025	1025
10/14/2020 11:00	1031	1032	1024	1025
10/14/2020 12:00	1031	1031	1024	1025
10/14/2020 13:00	1030	1031	1024	1025
10/14/2020 14:00	1030	1030	1024	1025
10/14/2020 15:00	1030	1030	1022	1025
10/14/2020 16:00	1029	1030	1022	1022
10/14/2020 17:00	1021	1029	1022	1022
10/14/2020 18:00	1021	1022	1022	1022
10/14/2020 19:00	1022	1024	1022	1022
10/14/2020 20:00	1024	1025	1022	1022
10/14/2020 21:00	1024	1025	1022	1022
10/14/2020 22:00	1024	1024	1022	1022
10/14/2020 23:00	1023	1024	1021	1022
10/15/2020 0:00	1023	1023	1021	1021
10/15/2020 1:00	1022	1023	1020	1021
10/15/2020 2:00	1022	1022	1020	1021
10/15/2020 3:00	1022	1022	1021	1021
10/15/2020 4:00	1022	1022	1021	1021
10/15/2020 5:00	1022	1022	1021	1021
10/15/2020 6:00	1022	1022	1021	1021
10/15/2020 7:00	1022	1022	1021	1021
10/15/2020 8:00	1022	1022	1021	1021
10/15/2020 9:00	1022	1022	1021	1021
10/15/2020 10:00	1022	1022	1021	1021
10/15/2020 11:00	1022	1022	1021	1021
10/15/2020 12:00	1022	1022	1021	1022
10/15/2020 13:00	1021	1022	1022	1022
10/15/2020 14:00	1020	1021	1021	1022
10/15/2020 15:00	1020	1021	1021	1021
10/15/2020 16:00	1021	1021	1021	1021
10/15/2020 17:00	1021	1021	1021	1021
10/15/2020 18:00	1021	1021	1020	1021
10/15/2020 19:00	1021	1021	1020	1020
10/15/2020 20:00	1021	1021	1020	1020
10/15/2020 21:00	1021	1021	1019	1020
10/15/2020 22:00	1021	1022	1019	1019
10/15/2020 23:00	1022	1022	1019	1020
10/16/2020 0:00	1021	1022	1020	1020
10/16/2020 1:00	1021	1021	1020	1021
10/16/2020 2:00	1021	1021	1021	1021
10/16/2020 3:00	1021	1021	1021	1022
10/16/2020 4:00	1020	1021	1022	1022
10/16/2020 5:00	1020	1020	1022	1022
10/16/2020 6:00	1019	1020	1022	1022
10/16/2020 7:00	1019	1019	1022	1022
10/16/2020 8:00	1019	1019	1022	1022
10/16/2020 9:00	1019	1020	1021	1022
10/16/2020 10:00	1020	1020	1021	1022
10/16/2020 11:00	1020	1021	1021	1022
10/16/2020 12:00	1021	1021	1021	1021
10/16/2020 13:00	1021	1022	1021	1021
10/16/2020 14:00	1022	1022	1021	1021
10/16/2020 15:00	1022	1022	1021	1022
10/16/2020 16:00	1022	1022	1021	1022
10/16/2020 17:00	1022	1022	1022	1022
10/16/2020 18:00	1022	1022	1022	1022
10/16/2020 19:00	1021	1022	1022	1022
10/16/2020 20:00	1021	1022	1022	1023
10/16/2020 21:00	1022	1022	1022	1023
10/16/2020 22:00	1021	1022	1023	1023
10/16/2020 23:00	1021	1021	1023	1023
10/17/2020 0:00	1021	1021	1023	1024
10/17/2020 1:00	1021	1022	1023	1024
10/17/2020 2:00	1022	1022	1024	1024
10/17/2020 3:00	1022	1022	1024	1024
10/17/2020 4:00	1022	1022	1024	1024
10/17/2020 5:00	1022	1022	1024	1024
10/17/2020 6:00	1022	1022	1024	1024
10/17/2020 7:00	1022	1023	1024	1024

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/17/2020 8:00	1023	1023	1024	1024
10/17/2020 9:00	1023	1023	1024	1024
10/17/2020 10:00	1023	1023	1024	1024
10/17/2020 11:00	1023	1023	1024	1025
10/17/2020 12:00	1023	1024	1024	1025
10/17/2020 13:00	1024	1024	1024	1024
10/17/2020 14:00	1024	1024	1024	1024
10/17/2020 15:00	1024	1025	1024	1025
10/17/2020 16:00	1025	1025	1024	1024
10/17/2020 17:00	1025	1026	1024	1024
10/17/2020 18:00	1026	1026	1024	1024
10/17/2020 19:00	1026	1026	1024	1024
10/17/2020 20:00	1025	1026	1024	1024
10/17/2020 21:00	1025	1025	1023	1024
10/17/2020 22:00	1024	1025	1023	1024
10/17/2020 23:00	1024	1024	1023	1024
10/18/2020 0:00	1024	1024	1024	1024
10/18/2020 1:00	1024	1024	1023	1024
10/18/2020 2:00	1024	1024	1022	1023
10/18/2020 3:00	1024	1024	1022	1022
10/18/2020 4:00	1024	1024	1021	1022
10/18/2020 5:00	1024	1024	1020	1021
10/18/2020 6:00	1024	1024	1020	1020
10/18/2020 7:00	1023	1024	1020	1020
10/18/2020 8:00	1023	1023	1020	1020
10/18/2020 9:00	1023	1023	1019	1020
10/18/2020 10:00	1023	1024	1019	1020
10/18/2020 11:00	1024	1024	1019	1019
10/18/2020 12:00	1023	1024	1019	1019
10/18/2020 13:00	1023	1023	1019	1019
10/18/2020 14:00	1022	1023	1019	1019
10/18/2020 15:00	1021	1022	1019	1019
10/18/2020 16:00	1021	1021	1019	1019
10/18/2020 17:00	1020	1021	1019	1019
10/18/2020 18:00	1020	1020	1018	1019
10/18/2020 19:00	1020	1020	1018	1019
10/18/2020 20:00	1020	1020	1018	1019
10/18/2020 21:00	1020	1020	1018	1019
10/18/2020 22:00	1019	1020	1018	1018
10/18/2020 23:00	1019	1019	1018	1018
10/19/2020 0:00	1019	1019	1018	1018
10/19/2020 1:00	1019	1019	1018	1019
10/19/2020 2:00	1019	1019	1019	1019
10/19/2020 3:00	1019	1019	1019	1019
10/19/2020 4:00	1019	1019	1019	1020
10/19/2020 5:00	1019	1019	1020	1020
10/19/2020 6:00	1019	1019	1020	1020
10/19/2020 7:00	1019	1019	1020	1021
10/19/2020 8:00	1019	1019	1021	1021
10/19/2020 9:00	1019	1019	1021	1021
10/19/2020 10:00	1018	1019	1021	1021
10/19/2020 11:00	1018	1018	1021	1021
10/19/2020 12:00	1018	1018	1021	1021
10/19/2020 13:00	1018	1019	1020	1021
10/19/2020 14:00	1019	1019	1020	1020
10/19/2020 15:00	1019	1019	1020	1020
10/19/2020 16:00	1019	1020	1020	1020
10/19/2020 17:00	1020	1020	1020	1020
10/19/2020 18:00	1020	1020	1020	1020
10/19/2020 19:00	1020	1021	1020	1020
10/19/2020 20:00	1021	1021	1020	1020
10/19/2020 21:00	1021	1021	1020	1021
10/19/2020 22:00	1021	1021	1020	1021
10/19/2020 23:00	1021	1021	1021	1021
10/20/2020 0:00	1021	1021	1021	1021
10/20/2020 1:00	1021	1021	1021	1021
10/20/2020 2:00	1021	1021	1021	1021
10/20/2020 3:00	1020	1021	1021	1021
10/20/2020 4:00	1020	1020	1020	1021
10/20/2020 5:00	1020	1020	1020	1020
10/20/2020 6:00	1020	1020	1020	1020
10/20/2020 7:00	1020	1020	1019	1020
10/20/2020 8:00	1020	1020	1019	1019
10/20/2020 9:00	1020	1020	1019	1019
10/20/2020 10:00	1020	1021	1019	1020
10/20/2020 11:00	1021	1021	1020	1022
10/20/2020 12:00	1021	1021	1022	1024
10/20/2020 13:00	1021	1021	1024	1025
10/20/2020 14:00	1020	1021	1025	1026
10/20/2020 15:00	1020	1020	1026	1026

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/20/2020 16:00	1019	1020	1026	1026
10/20/2020 17:00	1019	1019	1026	1026
10/20/2020 18:00	1019	1021	1025	1026
10/20/2020 19:00	1021	1024	1025	1025
10/20/2020 20:00	1024	1025	1024	1025
10/20/2020 21:00	1025	1026	1023	1024
10/20/2020 22:00	1026	1026	1023	1023
10/20/2020 23:00	1026	1026	1023	1024
10/21/2020 0:00	1026	1026	1023	1024
10/21/2020 1:00	1025	1026	1024	1024
10/21/2020 2:00	1025	1025	1024	1025
10/21/2020 3:00	1025	1025	1025	1025
10/21/2020 4:00	1025	1025	1025	1025
10/21/2020 5:00	1024	1025	1024	1025
10/21/2020 6:00	1024	1024	1024	1024
10/21/2020 7:00	1023	1024	1024	1024
10/21/2020 8:00	1023	1023	1024	1024
10/21/2020 9:00	1023	1023	1024	1024
10/21/2020 10:00	1023	1024	1024	1025
10/21/2020 11:00	1024	1024	1025	1025
10/21/2020 12:00	1024	1024	1025	1026
10/21/2020 13:00	1024	1024	1026	1026
10/21/2020 14:00	1024	1025	1026	1026
10/21/2020 15:00	1025	1025	1026	1026
10/21/2020 16:00	1025	1025	1026	1026
10/21/2020 17:00	1024	1025	1026	1026
10/21/2020 18:00	1024	1024	1025	1026
10/21/2020 19:00	1024	1024	1025	1025
10/21/2020 20:00	1024	1024	1024	1025
10/21/2020 21:00	1024	1025	1024	1024
10/21/2020 22:00	1025	1025	1024	1024
10/21/2020 23:00	1025	1026	1024	1025
10/22/2020 0:00	1026	1026	1024	1025
10/22/2020 1:00	1026	1026	1024	1024
10/22/2020 2:00	1026	1026	1024	1024
10/22/2020 3:00	1025	1026	1024	1024
10/22/2020 4:00	1025	1025	1024	1024
10/22/2020 5:00	1024	1025	1024	1024
10/22/2020 6:00	1024	1024	1024	1024
10/22/2020 7:00	1024	1024	1024	1024
10/22/2020 8:00	1024	1025	1024	1024
10/22/2020 9:00	1025	1025	1024	1024
10/22/2020 10:00	1024	1025	1024	1025
10/22/2020 11:00	1024	1024	1024	1024
10/22/2020 12:00	1024	1024	1024	1024
10/22/2020 13:00	1024	1024	1024	1024
10/22/2020 14:00	1024	1024	1024	1024
10/22/2020 15:00	1024	1024	1024	1024
10/22/2020 16:00	1024	1024	1024	1024
10/22/2020 17:00	1024	1024	1024	1024
10/22/2020 18:00	1024	1024	1024	1024
10/22/2020 19:00	1024	1024	1024	1024
10/22/2020 20:00	1024	1024	1024	1024
10/22/2020 21:00	1024	1024	1024	1024
10/22/2020 22:00	1024	1024	1024	1025
10/22/2020 23:00	1024	1024	1024	1025
10/23/2020 0:00	1024	1024	1025	1025
10/23/2020 1:00	1024	1024	1024	1025
10/23/2020 2:00	1024	1024	1024	1025
10/23/2020 3:00	1024	1024	1024	1024
10/23/2020 4:00	1024	1024	1024	1024
10/23/2020 5:00	1024	1024	1024	1025
10/23/2020 6:00	1024	1024	1025	1025
10/23/2020 7:00	1024	1024	1025	1025
10/23/2020 8:00	1024	1025	1025	1026
10/23/2020 9:00	1025	1025	1026	1026
10/23/2020 10:00	1025	1025	1026	1026
10/23/2020 11:00	1024	1025	1026	1027
10/23/2020 12:00	1024	1024	1027	1027
10/23/2020 13:00	1024	1024	1027	1028
10/23/2020 14:00	1024	1025	1028	1028
10/23/2020 15:00	1025	1026	1028	1029
10/23/2020 16:00	1026	1026	1029	1029
10/23/2020 17:00	1026	1027	1028	1029
10/23/2020 18:00	1027	1027	1028	1028
10/23/2020 19:00	1027	1028	1028	1028
10/23/2020 20:00	1028	1028	1027	1028
10/23/2020 21:00	1028	1029	1028	1028
10/23/2020 22:00	1029	1029	1028	1028
10/23/2020 23:00	1029	1029	1028	1029

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/24/2020 0:00	1028	1029	1029	1029
10/24/2020 1:00	1028	1028	1029	1029
10/24/2020 2:00	1027	1028	1029	1029
10/24/2020 3:00	1027	1028	1029	1029
10/24/2020 4:00	1028	1028	1029	1029
10/24/2020 5:00	1028	1028	1029	1029
10/24/2020 6:00	1028	1029	1029	1029
10/24/2020 7:00	1029	1029	1029	1030
10/24/2020 8:00	1029	1029	1030	1030
10/24/2020 9:00	1029	1029	1030	1030
10/24/2020 10:00	1029	1029	1030	1030
10/24/2020 11:00	1029	1029	1029	1030
10/24/2020 12:00	1029	1029	1028	1029
10/24/2020 13:00	1029	1029	1027	1028
10/24/2020 14:00	1029	1030	1027	1027
10/24/2020 15:00	1030	1030	1026	1027
10/24/2020 16:00	1030	1030	1026	1026
10/24/2020 17:00	1029	1030	1026	1026
10/24/2020 18:00	1029	1029	1026	1026
10/24/2020 19:00	1028	1029	1026	1027
10/24/2020 20:00	1027	1028	1027	1027
10/24/2020 21:00	1027	1027	1027	1028
10/24/2020 22:00	1026	1027	1028	1028
10/24/2020 23:00	1026	1026	1028	1028
10/25/2020 0:00	1026	1026	1028	1028
10/25/2020 1:00	1026	1026	1028	1028
10/25/2020 2:00	1026	1027	1028	1028
10/25/2020 3:00	1027	1027	1027	1028
10/25/2020 4:00	1027	1028	1027	1027
10/25/2020 5:00	1028	1028	1026	1027
10/25/2020 6:00	1028	1028	1026	1026
10/25/2020 7:00	1028	1028	1025	1026
10/25/2020 8:00	1028	1028	1025	1025
10/25/2020 9:00	1028	1028	1025	1025
10/25/2020 10:00	1027	1028	1024	1025
10/25/2020 11:00	1027	1027	1024	1024
10/25/2020 12:00	1026	1027	1024	1024
10/25/2020 13:00	1026	1026	1023	1024
10/25/2020 14:00	1025	1026	1023	1024
10/25/2020 15:00	1025	1025	1023	1023
10/25/2020 16:00	1025	1025	1023	1024
10/25/2020 17:00	1024	1025	1024	1024
10/25/2020 18:00	1024	1024	1024	1024
10/25/2020 19:00	1024	1024	1024	1024
10/25/2020 20:00	1024	1024	1024	1024
10/25/2020 21:00	1023	1024	1024	1024
10/25/2020 22:00	1023	1023	1024	1024
10/25/2020 23:00	1023	1024	1024	1024
10/26/2020 0:00	1024	1024	1024	1024
10/26/2020 1:00	1024	1024	1024	1024
10/26/2020 2:00	1024	1024	1024	1024
10/26/2020 3:00	1024	1024	1024	1024
10/26/2020 4:00	1024	1024	1024	1025
10/26/2020 5:00	1024	1024	1025	1025
10/26/2020 6:00	1024	1024	1025	1025
10/26/2020 7:00	1024	1024	1025	1026
10/26/2020 8:00	1024	1024	1026	1026
10/26/2020 9:00	1024	1024	1026	1026
10/26/2020 10:00	1024	1024	1026	1026
10/26/2020 11:00	1024	1025	1026	1026
10/26/2020 12:00	1025	1025	1026	1026
10/26/2020 13:00	1025	1025	1026	1027
10/26/2020 14:00	1025	1025	1027	1027
10/26/2020 15:00	1025	1026	1027	1028
10/26/2020 16:00	1026	1026	1027	1028
10/26/2020 17:00	1026	1026	1028	1030
10/26/2020 18:00	1026	1026	1030	1030
10/26/2020 19:00	1026	1026	1029	1030
10/26/2020 20:00	1026	1027	1029	1029
10/26/2020 21:00	1027	1027	1029	1029
10/26/2020 22:00	1027	1027	1029	1029
10/26/2020 23:00	1027	1028	1028	1029
10/27/2020 0:00	1028	1030	1028	1029
10/27/2020 1:00	1030	1030	1028	1029
10/27/2020 2:00	1029	1030	1029	1029
10/27/2020 3:00	1029	1029	1028	1029
10/27/2020 4:00	1029	1029	1027	1028
10/27/2020 5:00	1029	1029	1026	1027
10/27/2020 6:00	1029	1029	1026	1026
10/27/2020 7:00	1028	1029	1026	1026

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/27/2020 8:00	1028	1029	1026	1026
10/27/2020 9:00	1029	1029	1026	1026
10/27/2020 10:00	1029	1029	1026	1026
10/27/2020 11:00	1029	1029	1026	1026
10/27/2020 12:00	1029	1029	1026	1026
10/27/2020 13:00	1029	1029	1025	1026
10/27/2020 14:00	1029	1029	1025	1026
10/27/2020 15:00	1027	1029	1025	1025
10/27/2020 16:00	1026	1027	1025	1025
10/27/2020 17:00	1026	1026	1025	1025
10/27/2020 18:00	1026	1026	1025	1025
10/27/2020 19:00	1026	1026	1025	1025
10/27/2020 20:00	1026	1026	1025	1025
10/27/2020 21:00	1026	1026	1025	1025
10/27/2020 22:00	1025	1026	1025	1025
10/27/2020 23:00	1025	1025	1025	1025
10/28/2020 0:00	1025	1025	1025	1025
10/28/2020 1:00	1025	1025	1025	1025
10/28/2020 2:00	1025	1025	1025	1025
10/28/2020 3:00	1025	1026	1025	1025
10/28/2020 4:00	1026	1026	1025	1025
10/28/2020 5:00	1026	1026	1025	1025
10/28/2020 6:00	1026	1026	1025	1025
10/28/2020 7:00	1026	1026	1025	1025
10/28/2020 8:00	1026	1026	1025	1025
10/28/2020 9:00	1026	1026	1025	1025
10/28/2020 10:00	1026	1026	1025	1025
10/28/2020 10:00	1025	1026	1025	1025
10/28/2020 11:00	1025	1025	1025	1025
10/28/2020 11:00	1025	1025	1025	1025
10/28/2020 12:00	1025	1025	1025	1025
10/28/2020 13:00	1025	1026	1025	1025
10/28/2020 14:00	1026	1027	1025	1025
10/28/2020 15:00	1027	1027	1025	1025
10/28/2020 16:00	1027	1027	1025	1025
10/28/2020 17:00	1027	1027	1025	1025
10/28/2020 18:00	1027	1027	1025	1025
10/28/2020 19:00	1027	1028	1025	1025
10/28/2020 20:00	1028	1028	1025	1025
10/28/2020 21:00	1027	1028	1025	1025
10/28/2020 22:00	1026	1027	1025	1025
10/28/2020 23:00	1026	1026	1025	1026
10/29/2020 0:00	1026	1026	1025	1026
10/29/2020 1:00	1025	1026	1025	1025
10/29/2020 2:00	1025	1025	1025	1025
10/29/2020 3:00	1025	1025	1025	1025
10/29/2020 4:00	1025	1025	1025	1025
10/29/2020 5:00	1025	1025	1025	1025
10/29/2020 6:00	1025	1025	1025	1025
10/29/2020 7:00	1025	1025	1025	1026
10/29/2020 8:00	1025	1025	1025	1031
10/29/2020 9:00	1025	1025	1030	1031
10/29/2020 10:00	1025	1025	1029	1030
10/29/2020 11:00	1025	1025	1029	1029
10/29/2020 12:00	1025	1026	1027	1029
10/29/2020 13:00	1026	1026	1026	1027
10/29/2020 14:00	1026	1026	1026	1026
10/29/2020 15:00	1026	1026	1026	1026
10/29/2020 16:00	1026	1026	1026	1026
10/29/2020 17:00	1026	1031	1026	1026
10/29/2020 18:00	1027	1029	1026	1026
10/29/2020 19:00	1026	1027	1026	1027
10/29/2020 20:00	1026	1026	1027	1027
10/29/2020 21:00	1026	1026	1027	1027
10/29/2020 22:00	1026	1026	1027	1027
10/29/2020 23:00	1026	1027	1027	1027
10/30/2020 0:00	1027	1027	1027	1027
10/30/2020 1:00	1027	1027	1026	1027
10/30/2020 2:00	1027	1027	1026	1026
10/30/2020 3:00	1027	1027	1026	1028
10/30/2020 4:00	1027	1027	1028	1029
10/30/2020 5:00	1027	1027	1029	1029
10/30/2020 6:00	1026	1027	1029	1029
10/30/2020 7:00	1026	1026	1028	1029
10/30/2020 8:00	1026	1028	1029	1029
10/30/2020 9:00	1028	1028	1028	1029
10/30/2020 10:00	1028	1029	1028	1028
10/30/2020 11:00	1028	1029	1027	1028
10/30/2020 12:00	1028	1029	1027	1027
10/30/2020 13:00	1029	1029	1027	1027

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
10/30/2020 14:00	1028	1029	1027	1027
10/30/2020 15:00	1028	1028	1026	1027
10/30/2020 16:00	1027	1028	1026	1026
10/30/2020 17:00	1027	1027	1026	1026
10/30/2020 18:00	1027	1027	1026	1026
10/30/2020 19:00	1027	1027	1026	1026
10/30/2020 20:00	1026	1027	1026	1027
10/30/2020 21:00	1026	1026	1027	1027
10/30/2020 22:00	1026	1026	1027	1027
10/30/2020 23:00	1026	1026	1027	1028
10/31/2020 0:00	1026	1026	1028	1028
10/31/2020 1:00	1026	1026	1028	1029
10/31/2020 2:00	1026	1027	1029	1030
10/31/2020 3:00	1027	1027	1029	1030
10/31/2020 4:00	1027	1028	1028	1029
10/31/2020 5:00	1028	1028	1027	1028
10/31/2020 6:00	1028	1029	1027	1028
10/31/2020 7:00	1029	1029	1027	1028
10/31/2020 8:00	1029	1029	1028	1028
10/31/2020 9:00	1029	1029	1028	1028
10/31/2020 10:00	1028	1029	1028	1028
10/31/2020 11:00	1028	1028	1027	1028
10/31/2020 12:00	1027	1028	1027	1028
10/31/2020 13:00	1027	1027	1028	1028
10/31/2020 14:00	1027	1028	1028	1028
10/31/2020 15:00	1028	1028	1027	1028
10/31/2020 16:00	1028	1028	1028	1028
10/31/2020 17:00	1028	1028	1028	1028
10/31/2020 18:00	1028	1028	1028	1028
10/31/2020 19:00	1028	1028	1028	1028
10/31/2020 20:00	1028	1028	1028	1029
10/31/2020 21:00	1028	1028	1028	1029
10/31/2020 22:00	1028	1028	1029	1029
10/31/2020 23:00	1028	1028	1029	1029