



825 Rice Street
Saint Paul, MN 55117

August 18, 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 July 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
7/1/2020 0:00	1022	1023	1019	1022
7/1/2020 1:00	1021	1022	1020	1021
7/1/2020 2:00	1021	1021	1020	1021
7/1/2020 3:00	1020	1021	1020	1021
7/1/2020 4:00	1019	1020	1019	1021
7/1/2020 5:00	1019	1019	1020	1020
7/1/2020 6:00	1019	1019	1019	1021
7/1/2020 7:00	1019	1020	1020	1022
7/1/2020 8:00	1020	1021	1021	1022
7/1/2020 9:00	1021	1021	1021	1022
7/1/2020 10:00	1021	1021	1021	1021
7/1/2020 11:00	1020	1021	1020	1021
7/1/2020 12:00	1020	1020	1020	1021
7/1/2020 13:00	1020	1021	1021	1021
7/1/2020 14:00	1021	1022	1021	1022
7/1/2020 15:00	1022	1022	1021	1022
7/1/2020 16:00	1021	1022	1021	1021
7/1/2020 17:00	1021	1021	1021	1021
7/1/2020 18:00	1021	1021	1021	1021
7/1/2020 19:00	1021	1021	1021	1021
7/1/2020 20:00	1021	1021	1021	1021
7/1/2020 21:00	1021	1021	1019	1021
7/1/2020 22:00	1021	1021	1020	1021
7/1/2020 23:00	1021	1021	1020	1021
7/2/2020 0:00	1021	1021	1021	1021
7/2/2020 1:00	1021	1021	1021	1021
7/2/2020 2:00	1021	1021	1021	1021
7/2/2020 3:00	1018	1021	1018	1021
7/2/2020 4:00	1018	1021	1021	1021
7/2/2020 5:00	1021	1021	1020	1021
7/2/2020 6:00	1021	1021	1020	1021
7/2/2020 7:00	1021	1021	1020	1021
7/2/2020 8:00	1021	1021	1020	1021
7/2/2020 9:00	1021	1021	1020	1021
7/2/2020 10:00	1021	1021	1020	1021
7/2/2020 11:00	1021	1021	1021	1021
7/2/2020 12:00	1020	1021	1020	1021
7/2/2020 13:00	1020	1020	1020	1021
7/2/2020 14:00	1020	1020	1020	1021
7/2/2020 15:00	1020	1020	1020	1020
7/2/2020 16:00	1020	1020	1019	1020
7/2/2020 17:00	1020	1020	1019	1020
7/2/2020 18:00	1020	1021	1019	1021
7/2/2020 19:00	1021	1021	1020	1021
7/2/2020 20:00	1021	1021	1020	1020
7/2/2020 21:00	1020	1021	1019	1020
7/2/2020 22:00	1020	1020	1018	1020
7/2/2020 23:00	1020	1020	1018	1025
7/3/2020 0:00	1019	1020	1018	1019
7/3/2020 1:00	1019	1019	1018	1019
7/3/2020 2:00	1019	1020	1019	1021
7/3/2020 3:00	1020	1020	1020	1021
7/3/2020 4:00	1020	1024	1021	1021
7/3/2020 5:00	1019	1024	1021	1024
7/3/2020 6:00	1019	1019	1019	1021
7/3/2020 7:00	1019	1024	1021	1024
7/3/2020 8:00	1018	1024	1018	1021
7/3/2020 9:00	1018	1018	1018	1021
7/3/2020 10:00	1018	1019	1019	1021
7/3/2020 11:00	1019	1020	1021	1024
7/3/2020 12:00	1020	1021	1021	1025
7/3/2020 13:00	1021	1021	1021	1021
7/3/2020 14:00	1021	1021	1021	1022
7/3/2020 15:00	1021	1021	1021	1022
7/3/2020 16:00	1021	1021	1021	1022
7/3/2020 17:00	1021	1024	1021	1023
7/3/2020 18:00	1021	1024	1023	1024
7/3/2020 19:00	1021	1021	1021	1024
7/3/2020 20:00	1021	1021	1021	1024
7/3/2020 21:00	1021	1021	1021	1025
7/3/2020 22:00	1021	1021	1021	1025
7/3/2020 23:00	1021	1021	1021	1025

Xcel Energy
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Monthly Heating Values Report

Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/4/2020 0:00	1021	1030	1025	1030
7/4/2020 1:00	1030	1032	1025	1032
7/4/2020 2:00	1023	1032	1023	1025
7/4/2020 3:00	1023	1023	1024	1033
7/4/2020 4:00	1023	1024	1024	1032
7/4/2020 5:00	1024	1024	1024	1024
7/4/2020 6:00	1024	1032	1024	1032
7/4/2020 7:00	1025	1032	1024	1024
7/4/2020 8:00	1025	1025	1024	1024
7/4/2020 9:00	1025	1032	1024	1032
7/4/2020 10:00	1025	1032	1024	1025
7/4/2020 11:00	1025	1033	1024	1033
7/4/2020 12:00	1025	1033	1024	1033
7/4/2020 13:00	1025	1025	1024	1025
7/4/2020 14:00	1025	1025	1024	1025
7/4/2020 15:00	1025	1025	1024	1034
7/4/2020 16:00	1025	1025	1024	1025
7/4/2020 17:00	1025	1025	1024	1025
7/4/2020 18:00	1025	1025	1024	1025
7/4/2020 19:00	1024	1025	1024	1024
7/4/2020 20:00	1024	1024	1024	1024
7/4/2020 21:00	1024	1024	1024	1025
7/4/2020 22:00	1024	1024	1024	1025
7/4/2020 23:00	1024	1024	1024	1025
7/5/2020 0:00	1024	1024	1024	1025
7/5/2020 1:00	1024	1024	1024	1025
7/5/2020 2:00	1024	1024	1024	1025
7/5/2020 3:00	1024	1024	1024	1024
7/5/2020 4:00	1024	1024	1024	1024
7/5/2020 5:00	1024	1024	1024	1024
7/5/2020 6:00	1024	1024	1024	1024
7/5/2020 7:00	1024	1024	1024	1024
7/5/2020 8:00	1024	1024	1024	1024
7/5/2020 9:00	1024	1024	1024	1024
7/5/2020 10:00	1024	1024	1024	1024
7/5/2020 11:00	1024	1024	1024	1024
7/5/2020 12:00	1023	1024	1023	1024
7/5/2020 13:00	1023	1024	1024	1024
7/5/2020 14:00	1024	1024	1024	1024
7/5/2020 15:00	1024	1024	1024	1025
7/5/2020 16:00	1024	1024	1024	1026
7/5/2020 17:00	1024	1024	1024	1028
7/5/2020 18:00	1024	1024	1024	1031
7/5/2020 19:00	1024	1024	1024	1032
7/5/2020 20:00	1024	1024	1024	1033
7/5/2020 21:00	1024	1024	1024	1033
7/5/2020 22:00	1024	1024	1024	1032
7/5/2020 23:00	1024	1024	1032	1032
7/6/2020 0:00	1024	1026	1025	1032
7/6/2020 1:00	1026	1027	1027	1032
7/6/2020 2:00	1027	1029	1029	1032
7/6/2020 3:00	1029	1031	1031	1033
7/6/2020 4:00	1031	1032	1032	1033
7/6/2020 5:00	1032	1032	1032	1033
7/6/2020 6:00	1032	1032	1032	1033
7/6/2020 7:00	1032	1032	1032	1034
7/6/2020 8:00	1032	1032	1032	1034
7/6/2020 9:00	1032	1032	1032	1035
7/6/2020 10:00	1032	1032	1032	1037
7/6/2020 11:00	1032	1032	1032	1038
7/6/2020 12:00	1032	1032	1032	1041
7/6/2020 13:00	1032	1032	1032	1042
7/6/2020 14:00	1032	1032	1032	1042
7/6/2020 15:00	1032	1032	1032	1043
7/6/2020 16:00	1032	1032	1032	1043
7/6/2020 17:00	1032	1033	1033	1043
7/6/2020 18:00	1033	1033	1033	1043
7/6/2020 19:00	1033	1034	1034	1036
7/6/2020 20:00	1034	1035	1034	1035
7/6/2020 21:00	1035	1035	1034	1035
7/6/2020 22:00	1035	1035	1035	1035
7/6/2020 23:00	1035	1035	1035	1035
7/7/2020 0:00	1035	1035	1035	1035
7/7/2020 1:00	1035	1035	1035	1037
7/7/2020 2:00	1035	1035	1037	1039
7/7/2020 3:00	1035	1035	1039	1039
7/7/2020 4:00	1035	1035	1037	1039
7/7/2020 5:00	1035	1035	1035	1037
7/7/2020 6:00	1035	1035	1034	1035
7/7/2020 7:00	1035	1035	1034	1034

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/7/2020 8:00	1034	1035	1034	1034
7/7/2020 9:00	1033	1034	1033	1035
7/7/2020 10:00	1033	1034	1034	1035
7/7/2020 11:00	1034	1034	1034	1035
7/7/2020 12:00	1034	1034	1034	1035
7/7/2020 13:00	1034	1034	1034	1034
7/7/2020 14:00	1034	1034	1033	1034
7/7/2020 15:00	1033	1034	1032	1033
7/7/2020 16:00	1033	1033	1032	1033
7/7/2020 17:00	1033	1033	1033	1033
7/7/2020 18:00	1033	1034	1033	1034
7/7/2020 19:00	1033	1034	1033	1033
7/7/2020 20:00	1033	1033	1033	1034
7/7/2020 21:00	1033	1033	1034	1034
7/7/2020 22:00	1032	1033	1032	1036
7/7/2020 23:00	1032	1032	1032	1038
7/8/2020 0:00	1032	1032	1032	1040
7/8/2020 1:00	1032	1032	1032	1041
7/8/2020 2:00	1032	1033	1033	1041
7/8/2020 3:00	1033	1033	1033	1039
7/8/2020 4:00	1033	1033	1033	1037
7/8/2020 5:00	1033	1034	1032	1034
7/8/2020 6:00	1034	1035	1032	1035
7/8/2020 7:00	1035	1035	1032	1035
7/8/2020 8:00	1035	1035	1032	1035
7/8/2020 9:00	1035	1036	1032	1036
7/8/2020 10:00	1036	1037	1032	1032
7/8/2020 11:00	1037	1038	1032	1038
7/8/2020 12:00	1038	1038	1032	1038
7/8/2020 13:00	1038	1038	1032	1032
7/8/2020 14:00	1038	1038	1031	1032
7/8/2020 15:00	1038	1038	1031	1031
7/8/2020 16:00	1035	1038	1031	1035
7/8/2020 17:00	1033	1035	1031	1033
7/8/2020 18:00	1032	1033	1031	1032
7/8/2020 19:00	1031	1032	1031	1031
7/8/2020 20:00	1031	1031	1031	1031
7/8/2020 21:00	1031	1031	1031	1031
7/8/2020 22:00	1031	1031	1031	1031
7/8/2020 23:00	1031	1031	1031	1033
7/9/2020 0:00	1030	1031	1033	1036
7/9/2020 1:00	1030	1031	1031	1037
7/9/2020 2:00	1031	1031	1031	1037
7/9/2020 3:00	1031	1031	1031	1037
7/9/2020 4:00	1031	1031	1031	1035
7/9/2020 5:00	1031	1031	1031	1033
7/9/2020 6:00	1031	1032	1032	1033
7/9/2020 7:00	1032	1034	1033	1034
7/9/2020 8:00	1034	1036	1033	1036
7/9/2020 9:00	1036	1036	1033	1036
7/9/2020 10:00	1035	1036	1032	1035
7/9/2020 11:00	1033	1035	1032	1033
7/9/2020 12:00	1033	1033	1032	1038
7/9/2020 13:00	1032	1033	1032	1033
7/9/2020 14:00	1032	1032	1033	1039
7/9/2020 15:00	1032	1032	1033	1039
7/9/2020 16:00	1032	1039	1034	1039
7/9/2020 17:00	1032	1039	1032	1037
7/9/2020 18:00	1032	1032	1032	1037
7/9/2020 19:00	1032	1032	1032	1038
7/9/2020 20:00	1031	1032	1031	1038
7/9/2020 21:00	1031	1032	1032	1038
7/9/2020 22:00	1032	1032	1032	1038
7/9/2020 23:00	1032	1033	1037	1037
7/10/2020 0:00	1033	1034	1037	1037
7/10/2020 1:00	1034	1035	1035	1038
7/10/2020 2:00	1035	1036	1038	1039
7/10/2020 3:00	1036	1037	1037	1039
7/10/2020 4:00	1037	1037	1037	1040
7/10/2020 5:00	1037	1037	1039	1040
7/10/2020 6:00	1037	1039	1038	1039
7/10/2020 7:00	1036	1039	1036	1039
7/10/2020 8:00	1036	1036	1035	1039
7/10/2020 9:00	1036	1036	1036	1039
7/10/2020 10:00	1034	1036	1034	1039
7/10/2020 11:00	1033	1034	1032	1039
7/10/2020 12:00	1032	1033	1038	1039
7/10/2020 13:00	1032	1032	1039	1039
7/10/2020 14:00	1032	1032	1039	1039
7/10/2020 15:00	1032	1033	1038	1039

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/10/2020 16:00	1033	1033	1033	1038
7/10/2020 17:00	1033	1033	1033	1038
7/10/2020 18:00	1032	1033	1032	1037
7/10/2020 19:00	1032	1032	1036	1037
7/10/2020 20:00	1032	1033	1032	1036
7/10/2020 21:00	1033	1036	1036	1036
7/10/2020 22:00	1036	1036	1036	1036
7/10/2020 23:00	1036	1038	1036	1038
7/11/2020 0:00	1036	1038	1035	1039
7/11/2020 1:00	1036	1036	1036	1039
7/11/2020 2:00	1036	1036	1039	1039
7/11/2020 3:00	1036	1036	1032	1039
7/11/2020 4:00	1035	1036	1035	1039
7/11/2020 5:00	1035	1035	1035	1039
7/11/2020 6:00	1035	1036	1031	1037
7/11/2020 7:00	1036	1037	1032	1036
7/11/2020 8:00	1032	1037	1034	1034
7/11/2020 9:00	1032	1032	1032	1034
7/11/2020 10:00	1032	1032	1032	1033
7/11/2020 11:00	1032	1032	1032	1032
7/11/2020 12:00	1032	1032	1032	1033
7/11/2020 13:00	1032	1032	1032	1033
7/11/2020 14:00	1032	1035	1033	1035
7/11/2020 15:00	1033	1035	1031	1033
7/11/2020 16:00	1033	1033	1032	1033
7/11/2020 17:00	1032	1033	1030	1033
7/11/2020 18:00	1031	1032	1031	1034
7/11/2020 19:00	1031	1031	1031	1035
7/11/2020 20:00	1031	1032	1032	1037
7/11/2020 21:00	1032	1032	1031	1037
7/11/2020 22:00	1032	1033	1031	1037
7/11/2020 23:00	1032	1033	1031	1035
7/12/2020 0:00	1032	1032	1032	1033
7/12/2020 1:00	1032	1032	1032	1032
7/12/2020 2:00	1032	1032	1032	1032
7/12/2020 3:00	1032	1033	1031	1032
7/12/2020 4:00	1033	1035	1032	1035
7/12/2020 5:00	1035	1036	1032	1036
7/12/2020 6:00	1035	1036	1032	1032
7/12/2020 7:00	1035	1035	1032	1033
7/12/2020 8:00	1033	1035	1032	1034
7/12/2020 9:00	1034	1034	1031	1032
7/12/2020 10:00	1031	1034	1031	1033
7/12/2020 11:00	1031	1031	1031	1032
7/12/2020 12:00	1031	1031	1032	1034
7/12/2020 13:00	1031	1031	1031	1032
7/12/2020 14:00	1031	1031	1031	1031
7/12/2020 15:00	1031	1031	1031	1033
7/12/2020 16:00	1031	1031	1031	1033
7/12/2020 17:00	1031	1031	1031	1033
7/12/2020 18:00	1031	1032	1031	1032
7/12/2020 19:00	1031	1032	1031	1031
7/12/2020 20:00	1031	1031	1031	1031
7/12/2020 21:00	1031	1031	1031	1040
7/12/2020 22:00	1031	1031	1030	1031
7/12/2020 23:00	1030	1031	1030	1031
7/13/2020 0:00	1030	1030	1030	1031
7/13/2020 1:00	1030	1034	1031	1034
7/13/2020 2:00	1030	1034	1030	1032
7/13/2020 3:00	1030	1030	1032	1032
7/13/2020 4:00	1030	1031	1032	1033
7/13/2020 5:00	1031	1031	1031	1032
7/13/2020 6:00	1031	1031	1031	1033
7/13/2020 7:00	1031	1031	1031	1033
7/13/2020 8:00	1031	1031	1031	1033
7/13/2020 9:00	1031	1031	1031	1034
7/13/2020 10:00	1031	1031	1031	1034
7/13/2020 11:00	1031	1031	1031	1034
7/13/2020 12:00	1031	1031	1031	1034
7/13/2020 13:00	1031	1031	1031	1034
7/13/2020 14:00	1031	1031	1033	1034
7/13/2020 15:00	1031	1032	1032	1034
7/13/2020 16:00	1032	1032	1032	1033
7/13/2020 17:00	1032	1032	1032	1033
7/13/2020 18:00	1032	1033	1033	1033
7/13/2020 19:00	1033	1033	1033	1034
7/13/2020 20:00	1033	1033	1033	1034
7/13/2020 21:00	1033	1033	1033	1036
7/13/2020 22:00	1033	1033	1033	1039
7/13/2020 23:00	1033	1033	1039	1041

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/14/2020 0:00	1033	1033	1033	1041
7/14/2020 1:00	1033	1033	1033	1040
7/14/2020 2:00	1032	1033	1032	1038
7/14/2020 3:00	1032	1032	1032	1035
7/14/2020 4:00	1032	1033	1033	1033
7/14/2020 5:00	1033	1034	1033	1034
7/14/2020 6:00	1034	1037	1033	1034
7/14/2020 7:00	1037	1039	1033	1034
7/14/2020 8:00	1034	1039	1032	1033
7/14/2020 9:00	1034	1035	1032	1035
7/14/2020 10:00	1035	1035	1033	1035
7/14/2020 11:00	1033	1035	1033	1033
7/14/2020 12:00	1033	1033	1033	1033
7/14/2020 13:00	1033	1033	1032	1033
7/14/2020 14:00	1032	1033	1032	1034
7/14/2020 15:00	1032	1032	1032	1034
7/14/2020 16:00	1032	1032	1034	1034
7/14/2020 17:00	1032	1032	1032	1034
7/14/2020 18:00	1032	1035	1034	1035
7/14/2020 19:00	1032	1035	1034	1035
7/14/2020 20:00	1032	1032	1032	1037
7/14/2020 21:00	1032	1032	1032	1040
7/14/2020 22:00	1032	1042	1040	1042
7/14/2020 23:00	1033	1042	1033	1041
7/15/2020 0:00	1033	1033	1033	1040
7/15/2020 1:00	1033	1033	1033	1037
7/15/2020 2:00	1033	1033	1033	1035
7/15/2020 3:00	1033	1034	1034	1034
7/15/2020 4:00	1034	1034	1034	1035
7/15/2020 5:00	1034	1036	1034	1036
7/15/2020 6:00	1035	1036	1034	1035
7/15/2020 7:00	1034	1035	1034	1034
7/15/2020 8:00	1034	1034	1034	1035
7/15/2020 9:00	1034	1035	1034	1035
7/15/2020 10:00	1034	1035	1034	1035
7/15/2020 11:00	1034	1034	1035	1035
7/15/2020 12:00	1033	1034	1033	1035
7/15/2020 13:00	1033	1033	1032	1035
7/15/2020 14:00	1033	1033	1033	1035
7/15/2020 15:00	1033	1033	1033	1035
7/15/2020 16:00	1033	1034	1034	1035
7/15/2020 17:00	1034	1034	1034	1035
7/15/2020 18:00	1034	1034	1034	1035
7/15/2020 19:00	1034	1034	1034	1036
7/15/2020 20:00	1034	1034	1034	1039
7/15/2020 21:00	1034	1037	1036	1041
7/15/2020 22:00	1034	1037	1033	1042
7/15/2020 23:00	1034	1034	1033	1042
7/16/2020 0:00	1034	1034	1034	1040
7/16/2020 1:00	1034	1034	1034	1038
7/16/2020 2:00	1034	1034	1034	1036
7/16/2020 3:00	1034	1034	1034	1035
7/16/2020 4:00	1034	1036	1035	1036
7/16/2020 5:00	1033	1036	1033	1035
7/16/2020 6:00	1033	1033	1033	1035
7/16/2020 7:00	1033	1033	1034	1034
7/16/2020 8:00	1033	1034	1033	1034
7/16/2020 9:00	1034	1034	1033	1034
7/16/2020 10:00	1034	1034	1032	1034
7/16/2020 11:00	1034	1034	1032	1034
7/16/2020 12:00	1034	1034	1032	1032
7/16/2020 13:00	1034	1034	1032	1034
7/16/2020 14:00	1034	1034	1032	1034
7/16/2020 15:00	1033	1034	1033	1033
7/16/2020 16:00	1033	1033	1033	1033
7/16/2020 17:00	1032	1033	1032	1033
7/16/2020 18:00	1032	1032	1032	1033
7/16/2020 19:00	1031	1032	1031	1034
7/16/2020 20:00	1031	1031	1031	1035
7/16/2020 21:00	1031	1031	1031	1037
7/16/2020 22:00	1031	1037	1037	1037
7/16/2020 23:00	1033	1037	1032	1037
7/17/2020 0:00	1032	1033	1032	1035
7/17/2020 1:00	1032	1032	1032	1034
7/17/2020 2:00	1032	1032	1034	1034
7/17/2020 3:00	1032	1033	1033	1034
7/17/2020 4:00	1033	1034	1033	1034
7/17/2020 5:00	1034	1036	1033	1036
7/17/2020 6:00	1036	1036	1033	1036
7/17/2020 7:00	1035	1036	1034	1035

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/17/2020 8:00	1034	1035	1033	1034
7/17/2020 9:00	1034	1034	1034	1034
7/17/2020 10:00	1033	1034	1033	1034
7/17/2020 11:00	1033	1034	1034	1034
7/17/2020 12:00	1033	1034	1032	1034
7/17/2020 13:00	1033	1033	1032	1034
7/17/2020 14:00	1033	1033	1033	1034
7/17/2020 15:00	1033	1033	1033	1034
7/17/2020 16:00	1033	1033	1033	1034
7/17/2020 17:00	1033	1033	1033	1034
7/17/2020 18:00	1033	1033	1033	1034
7/17/2020 19:00	1033	1033	1033	1035
7/17/2020 20:00	1033	1033	1033	1035
7/17/2020 21:00	1033	1033	1033	1036
7/17/2020 22:00	1033	1034	1034	1037
7/17/2020 23:00	1034	1034	1034	1038
7/18/2020 0:00	1034	1034	1034	1037
7/18/2020 1:00	1034	1034	1033	1035
7/18/2020 2:00	1034	1034	1032	1034
7/18/2020 3:00	1034	1034	1032	1034
7/18/2020 4:00	1033	1034	1032	1033
7/18/2020 5:00	1033	1035	1032	1034
7/18/2020 6:00	1035	1036	1031	1033
7/18/2020 7:00	1036	1036	1033	1036
7/18/2020 8:00	1036	1037	1033	1037
7/18/2020 9:00	1036	1037	1034	1036
7/18/2020 10:00	1032	1036	1032	1034
7/18/2020 11:00	1032	1032	1032	1035
7/18/2020 12:00	1032	1032	1034	1035
7/18/2020 13:00	1032	1032	1032	1034
7/18/2020 14:00	1032	1032	1032	1034
7/18/2020 15:00	1032	1032	1032	1034
7/18/2020 16:00	1032	1032	1032	1034
7/18/2020 17:00	1032	1034	1034	1034
7/18/2020 18:00	1033	1034	1033	1034
7/18/2020 19:00	1033	1033	1033	1034
7/18/2020 20:00	1033	1034	1033	1034
7/18/2020 21:00	1034	1034	1034	1034
7/18/2020 22:00	1032	1034	1032	1034
7/18/2020 23:00	1032	1033	1033	1034
7/19/2020 0:00	1033	1033	1033	1034
7/19/2020 1:00	1033	1033	1033	1034
7/19/2020 2:00	1033	1033	1034	1034
7/19/2020 3:00	1033	1033	1031	1034
7/19/2020 4:00	1033	1033	1033	1034
7/19/2020 5:00	1033	1033	1032	1033
7/19/2020 6:00	1033	1033	1031	1032
7/19/2020 7:00	1033	1033	1030	1033
7/19/2020 8:00	1033	1033	1031	1032
7/19/2020 9:00	1033	1033	1032	1033
7/19/2020 10:00	1033	1033	1032	1033
7/19/2020 11:00	1033	1034	1032	1034
7/19/2020 12:00	1034	1034	1034	1034
7/19/2020 13:00	1032	1034	1032	1035
7/19/2020 14:00	1030	1032	1030	1035
7/19/2020 15:00	1030	1030	1030	1034
7/19/2020 16:00	1030	1031	1033	1034
7/19/2020 17:00	1031	1032	1032	1033
7/19/2020 18:00	1032	1032	1032	1033
7/19/2020 19:00	1032	1032	1032	1033
7/19/2020 20:00	1032	1033	1033	1033
7/19/2020 21:00	1033	1034	1032	1034
7/19/2020 22:00	1032	1034	1032	1032
7/19/2020 23:00	1032	1033	1032	1033
7/20/2020 0:00	1033	1033	1032	1032
7/20/2020 1:00	1032	1033	1032	1032
7/20/2020 2:00	1032	1032	1031	1032
7/20/2020 3:00	1032	1032	1031	1032
7/20/2020 4:00	1032	1032	1031	1032
7/20/2020 5:00	1032	1032	1032	1032
7/20/2020 6:00	1032	1032	1032	1033
7/20/2020 7:00	1032	1033	1032	1033
7/20/2020 8:00	1032	1033	1032	1033
7/20/2020 9:00	1031	1032	1031	1033
7/20/2020 10:00	1031	1031	1031	1034
7/20/2020 11:00	1031	1031	1031	1034
7/20/2020 12:00	1031	1031	1034	1034
7/20/2020 13:00	1031	1031	1031	1034
7/20/2020 14:00	1031	1031	1031	1034
7/20/2020 15:00	1031	1031	1031	1034

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/20/2020 16:00	1031	1032	1032	1034
7/20/2020 17:00	1032	1032	1032	1034
7/20/2020 18:00	1032	1033	1032	1034
7/20/2020 19:00	1033	1033	1033	1034
7/20/2020 20:00	1033	1033	1033	1033
7/20/2020 21:00	1033	1033	1031	1033
7/20/2020 22:00	1033	1034	1032	1034
7/20/2020 23:00	1034	1034	1032	1032
7/21/2020 0:00	1034	1034	1032	1032
7/21/2020 1:00	1032	1034	1032	1032
7/21/2020 2:00	1032	1033	1032	1033
7/21/2020 3:00	1033	1033	1032	1032
7/21/2020 4:00	1033	1033	1032	1033
7/21/2020 5:00	1032	1033	1032	1033
7/21/2020 6:00	1032	1032	1032	1033
7/21/2020 7:00	1032	1032	1032	1033
7/21/2020 8:00	1032	1032	1032	1033
7/21/2020 9:00	1032	1032	1032	1033
7/21/2020 10:00	1032	1032	1031	1032
7/21/2020 11:00	1032	1032	1032	1032
7/21/2020 12:00	1032	1032	1032	1032
7/21/2020 13:00	1032	1032	1032	1032
7/21/2020 14:00	1032	1032	1032	1032
7/21/2020 15:00	1032	1032	1032	1032
7/21/2020 16:00	1032	1032	1032	1032
7/21/2020 17:00	1032	1032	1032	1033
7/21/2020 18:00	1032	1033	1032	1033
7/21/2020 19:00	1033	1033	1031	1033
7/21/2020 20:00	1031	1033	1031	1032
7/21/2020 21:00	1031	1031	1031	1032
7/21/2020 22:00	1031	1033	1031	1033
7/21/2020 23:00	1031	1033	1031	1032
7/22/2020 0:00	1031	1031	1031	1032
7/22/2020 1:00	1031	1031	1031	1032
7/22/2020 2:00	1031	1031	1031	1032
7/22/2020 3:00	1031	1031	1032	1032
7/22/2020 4:00	1031	1033	1032	1033
7/22/2020 5:00	1031	1033	1031	1032
7/22/2020 6:00	1031	1031	1031	1032
7/22/2020 7:00	1031	1031	1031	1032
7/22/2020 8:00	1031	1031	1031	1032
7/22/2020 9:00	1031	1031	1032	1035
7/22/2020 10:00	1031	1031	1031	1032
7/22/2020 11:00	1031	1034	1032	1034
7/22/2020 12:00	1031	1034	1032	1034
7/22/2020 13:00	1031	1031	1031	1032
7/22/2020 14:00	1031	1031	1031	1032
7/22/2020 15:00	1031	1031	1031	1032
7/22/2020 16:00	1031	1031	1031	1032
7/22/2020 17:00	1031	1031	1031	1032
7/22/2020 18:00	1031	1035	1032	1034
7/22/2020 19:00	1031	1035	1031	1032
7/22/2020 20:00	1031	1031	1031	1033
7/22/2020 21:00	1031	1035	1032	1035
7/22/2020 22:00	1031	1035	1031	1033
7/22/2020 23:00	1031	1031	1033	1035
7/23/2020 0:00	1031	1031	1033	1033
7/23/2020 1:00	1031	1031	1033	1035
7/23/2020 2:00	1031	1031	1032	1033
7/23/2020 3:00	1031	1032	1032	1033
7/23/2020 4:00	1032	1032	1033	1035
7/23/2020 5:00	1032	1032	1032	1034
7/23/2020 6:00	1032	1032	1032	1034
7/23/2020 7:00	1032	1032	1034	1034
7/23/2020 8:00	1032	1032	1032	1034
7/23/2020 9:00	1032	1032	1033	1034
7/23/2020 10:00	1031	1032	1031	1033
7/23/2020 11:00	1031	1031	1031	1033
7/23/2020 12:00	1031	1031	1031	1033
7/23/2020 13:00	1031	1033	1033	1033
7/23/2020 14:00	1032	1033	1032	1033
7/23/2020 15:00	1032	1032	1032	1033
7/23/2020 16:00	1032	1032	1033	1034
7/23/2020 17:00	1032	1032	1031	1034
7/23/2020 18:00	1032	1032	1031	1034
7/23/2020 19:00	1032	1032	1032	1033
7/23/2020 20:00	1032	1033	1032	1034
7/23/2020 21:00	1033	1033	1033	1036
7/23/2020 22:00	1033	1033	1033	1036
7/23/2020 23:00	1032	1033	1033	1036

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/24/2020 0:00	1032	1032	1032	1034
7/24/2020 1:00	1032	1032	1032	1034
7/24/2020 2:00	1032	1032	1034	1034
7/24/2020 3:00	1032	1032	1032	1034
7/24/2020 4:00	1032	1033	1033	1035
7/24/2020 5:00	1033	1033	1033	1035
7/24/2020 6:00	1031	1033	1030	1035
7/24/2020 7:00	1031	1032	1034	1035
7/24/2020 8:00	1032	1033	1033	1035
7/24/2020 9:00	1033	1034	1034	1035
7/24/2020 10:00	1034	1035	1035	1035
7/24/2020 11:00	1034	1035	1034	1035
7/24/2020 12:00	1033	1034	1030	1035
7/24/2020 13:00	1033	1033	1033	1035
7/24/2020 14:00	1030	1033	1030	1035
7/24/2020 15:00	1030	1033	1030	1035
7/24/2020 16:00	1030	1033	1034	1035
7/24/2020 17:00	1030	1030	1030	1034
7/24/2020 18:00	1030	1030	1030	1034
7/24/2020 19:00	1030	1030	1030	1034
7/24/2020 20:00	1030	1030	1030	1034
7/24/2020 21:00	1030	1030	1033	1033
7/24/2020 22:00	1030	1034	1033	1034
7/24/2020 23:00	1030	1034	1030	1033
7/25/2020 0:00	1030	1034	1033	1034
7/25/2020 1:00	1034	1034	1033	1034
7/25/2020 2:00	1034	1034	1033	1034
7/25/2020 3:00	1034	1034	1032	1033
7/25/2020 4:00	1034	1034	1033	1034
7/25/2020 5:00	1032	1034	1032	1034
7/25/2020 6:00	1032	1033	1033	1034
7/25/2020 7:00	1033	1033	1033	1033
7/25/2020 8:00	1033	1033	1033	1033
7/25/2020 9:00	1033	1033	1033	1033
7/25/2020 10:00	1033	1033	1032	1033
7/25/2020 11:00	1033	1033	1032	1032
7/25/2020 12:00	1033	1033	1032	1033
7/25/2020 13:00	1032	1033	1032	1032
7/25/2020 14:00	1032	1033	1032	1033
7/25/2020 15:00	1033	1033	1031	1033
7/25/2020 16:00	1033	1033	1030	1033
7/25/2020 17:00	1033	1033	1029	1033
7/25/2020 18:00	1033	1033	1029	1033
7/25/2020 19:00	1032	1033	1030	1033
7/25/2020 20:00	1032	1032	1030	1032
7/25/2020 21:00	1032	1032	1030	1034
7/25/2020 22:00	1032	1032	1030	1032
7/25/2020 23:00	1032	1032	1030	1032
7/26/2020 0:00	1032	1032	1030	1031
7/26/2020 1:00	1031	1032	1030	1030
7/26/2020 2:00	1031	1031	1030	1031
7/26/2020 3:00	1031	1031	1030	1032
7/26/2020 4:00	1031	1031	1030	1031
7/26/2020 5:00	1031	1031	1030	1030
7/26/2020 6:00	1031	1031	1030	1031
7/26/2020 7:00	1030	1031	1030	1030
7/26/2020 8:00	1029	1030	1029	1030
7/26/2020 9:00	1029	1029	1029	1030
7/26/2020 10:00	1029	1029	1030	1030
7/26/2020 11:00	1029	1030	1030	1033
7/26/2020 12:00	1030	1030	1030	1030
7/26/2020 13:00	1030	1030	1030	1030
7/26/2020 14:00	1030	1030	1030	1030
7/26/2020 15:00	1030	1030	1030	1031
7/26/2020 16:00	1030	1030	1030	1031
7/26/2020 17:00	1030	1030	1030	1031
7/26/2020 18:00	1030	1030	1029	1032
7/26/2020 19:00	1030	1040	1032	1040
7/26/2020 20:00	1029	1040	1032	1041
7/26/2020 21:00	1029	1041	1032	1041
7/26/2020 22:00	1029	1041	1029	1032
7/26/2020 23:00	1029	1029	1029	1033
7/27/2020 0:00	1029	1029	1032	1033
7/27/2020 1:00	1029	1029	1029	1032
7/27/2020 2:00	1029	1029	1029	1033
7/27/2020 3:00	1029	1029	1029	1033
7/27/2020 4:00	1029	1030	1030	1033
7/27/2020 5:00	1030	1030	1030	1033
7/27/2020 6:00	1030	1030	1030	1033
7/27/2020 7:00	1030	1030	1030	1033

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/27/2020 8:00	1030	1031	1031	1033
7/27/2020 9:00	1031	1031	1031	1033
7/27/2020 10:00	1031	1031	1031	1033
7/27/2020 11:00	1031	1031	1031	1033
7/27/2020 12:00	1031	1031	1033	1035
7/27/2020 13:00	1031	1031	1033	1035
7/27/2020 14:00	1031	1031	1033	1033
7/27/2020 15:00	1031	1032	1031	1034
7/27/2020 16:00	1032	1032	1032	1034
7/27/2020 17:00	1032	1032	1034	1035
7/27/2020 18:00	1031	1032	1031	1034
7/27/2020 19:00	1031	1032	1032	1034
7/27/2020 20:00	1032	1032	1032	1035
7/27/2020 21:00	1032	1032	1032	1032
7/27/2020 22:00	1032	1032	1032	1032
7/27/2020 23:00	1032	1032	1032	1032
7/28/2020 0:00	1032	1032	1032	1032
7/28/2020 1:00	1032	1032	1032	1032
7/28/2020 2:00	1032	1032	1032	1034
7/28/2020 3:00	1032	1032	1032	1035
7/28/2020 4:00	1032	1032	1035	1036
7/28/2020 5:00	1032	1032	1036	1039
7/28/2020 6:00	1032	1032	1032	1036
7/28/2020 7:00	1032	1033	1035	1036
7/28/2020 8:00	1033	1033	1033	1035
7/28/2020 9:00	1033	1033	1033	1035
7/28/2020 10:00	1033	1033	1032	1033
7/28/2020 11:00	1033	1033	1033	1035
7/28/2020 12:00	1033	1033	1035	1038
7/28/2020 13:00	1033	1033	1038	1039
7/28/2020 14:00	1032	1033	1032	1039
7/28/2020 15:00	1032	1032	1032	1040
7/28/2020 16:00	1032	1032	1032	1040
7/28/2020 17:00	1031	1032	1031	1040
7/28/2020 18:00	1031	1031	1040	1041
7/28/2020 19:00	1031	1031	1031	1041
7/28/2020 20:00	1031	1032	1032	1042
7/28/2020 21:00	1032	1033	1033	1042
7/28/2020 22:00	1033	1034	1034	1041
7/28/2020 23:00	1034	1035	1041	1041
7/29/2020 0:00	1035	1036	1036	1041
7/29/2020 1:00	1036	1038	1038	1041
7/29/2020 2:00	1035	1038	1035	1041
7/29/2020 3:00	1034	1035	1039	1041
7/29/2020 4:00	1032	1034	1032	1040
7/29/2020 5:00	1032	1032	1032	1040
7/29/2020 6:00	1032	1035	1035	1039
7/29/2020 7:00	1035	1036	1035	1037
7/29/2020 8:00	1035	1036	1036	1036
7/29/2020 9:00	1034	1035	1034	1036
7/29/2020 10:00	1034	1034	1034	1036
7/29/2020 11:00	1034	1035	1035	1036
7/29/2020 12:00	1035	1035	1035	1036
7/29/2020 13:00	1033	1035	1033	1036
7/29/2020 14:00	1029	1033	1029	1035
7/29/2020 15:00	1029	1029	1029	1036
7/29/2020 16:00	1029	1040	1036	1040
7/29/2020 17:00	1040	1040	1040	1040
7/29/2020 18:00	1034	1040	1034	1040
7/29/2020 19:00	1034	1040	1040	1040
7/29/2020 20:00	1040	1041	1036	1041
7/29/2020 21:00	1034	1041	1034	1036
7/29/2020 22:00	1033	1034	1033	1035
7/29/2020 23:00	1033	1041	1035	1035
7/30/2020 0:00	1039	1041	1035	1039
7/30/2020 1:00	1039	1039	1036	1036
7/30/2020 2:00	1037	1039	1036	1037
7/30/2020 3:00	1036	1037	1035	1036
7/30/2020 4:00	1035	1036	1035	1035
7/30/2020 5:00	1035	1035	1035	1036
7/30/2020 6:00	1034	1035	1034	1039
7/30/2020 7:00	1034	1034	1034	1039
7/30/2020 8:00	1034	1035	1034	1039
7/30/2020 9:00	1035	1035	1035	1036
7/30/2020 10:00	1033	1035	1033	1035
7/30/2020 11:00	1032	1033	1032	1035
7/30/2020 12:00	1032	1032	1032	1035
7/30/2020 13:00	1032	1033	1028	1033
7/30/2020 14:00	1033	1034	1027	1034
7/30/2020 15:00	1034	1039	1030	1038

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
7/30/2020 16:00	1039	1039	1037	1040
7/30/2020 17:00	1039	1040	1040	1040
7/30/2020 18:00	1040	1040	1040	1040
7/30/2020 19:00	1039	1040	1039	1041
7/30/2020 20:00	1039	1039	1040	1041
7/30/2020 21:00	1028	1039	1028	1041
7/30/2020 22:00	1028	1029	1029	1041
7/30/2020 23:00	1029	1032	1032	1041
7/31/2020 0:00	1032	1037	1037	1039
7/31/2020 1:00	1036	1037	1036	1037
7/31/2020 2:00	1035	1036	1035	1036
7/31/2020 3:00	1035	1035	1035	1035
7/31/2020 4:00	1035	1036	1035	1036
7/31/2020 5:00	1036	1036	1035	1038
7/31/2020 6:00	1036	1038	1034	1038
7/31/2020 7:00	1038	1038	1033	1034
7/31/2020 8:00	1038	1038	1033	1038
7/31/2020 9:00	1036	1038	1032	1036
7/31/2020 10:00	1034	1036	1032	1034
7/31/2020 11:00	1034	1034	1032	1033
7/31/2020 12:00	1034	1034	1033	1035
7/31/2020 13:00	1034	1034	1034	1037
7/31/2020 14:00	1034	1034	1034	1039
7/31/2020 15:00	1034	1035	1035	1040
7/31/2020 16:00	1032	1035	1032	1040
7/31/2020 17:00	1031	1032	1031	1040
7/31/2020 18:00	1031	1031	1031	1040
7/31/2020 19:00	1031	1031	1031	1040
7/31/2020 20:00	1031	1032	1040	1040
7/31/2020 21:00	1032	1033	1040	1040
7/31/2020 22:00	1033	1040	1039	1040
7/31/2020 23:00	1040	1040	1037	1040