



825 Rice Street
Saint Paul, MN 55117

January 18, 2019

Darrell Nitschke, 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. Nitschke:

Enclosed with this letter are Xcel Energy's natural gas heating value reports for December 2018 as required by N.D. Admin. Code 69-09-01-02, part 2.

If you need further information or clarification regarding the enclosed response, please contact myself 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
12/1/2018 0:00	1030	1030	1029	1030
12/1/2018 1:00	1030	1030	1029	1030
12/1/2018 2:00	1029	1030	1029	1029
12/1/2018 3:00	1029	1030	1029	1029
12/1/2018 4:00	1030	1030	1029	1029
12/1/2018 5:00	1030	1030	1029	1029
12/1/2018 6:00	1029	1030	1029	1029
12/1/2018 7:00	1029	1029	1029	1029
12/1/2018 8:00	1029	1029	1029	1030
12/1/2018 9:00	1029	1029	1030	1030
12/1/2018 10:00	1029	1029	1030	1030
12/1/2018 11:00	1029	1029	1029	1030
12/1/2018 12:00	1029	1030	1029	1029
12/1/2018 13:00	1030	1030	1028	1029
12/1/2018 14:00	1030	1030	1028	1029
12/1/2018 15:00	1029	1030	1029	1029
12/1/2018 16:00	1029	1029	1025	1029
12/1/2018 17:00	1029	1029	1025	1025
12/1/2018 18:00	1029	1029	1025	1026
12/1/2018 19:00	1029	1029	1026	1026
12/1/2018 20:00	1029	1030	1026	1026
12/1/2018 21:00	1030	1030	1026	1026
12/1/2018 22:00	1029	1030	1025	1026
12/1/2018 23:00	1029	1029	1024	1025
12/2/2018 0:00	1028	1029	1024	1025
12/2/2018 1:00	1028	1028	1025	1025
12/2/2018 2:00	1028	1029	1025	1026
12/2/2018 3:00	1027	1029	1025	1026
12/2/2018 4:00	1025	1027	1025	1026
12/2/2018 5:00	1025	1025	1025	1025
12/2/2018 6:00	1025	1026	1025	1025
12/2/2018 7:00	1026	1026	1025	1025
12/2/2018 8:00	1026	1026	1025	1025
12/2/2018 9:00	1025	1026	1025	1025
12/2/2018 10:00	1025	1025	1025	1026
12/2/2018 11:00	1024	1025	1026	1026
12/2/2018 12:00	1024	1025	1026	1026
12/2/2018 13:00	1025	1025	1025	1026
12/2/2018 14:00	1025	1025	1025	1026
12/2/2018 15:00	1025	1025	1025	1025
12/2/2018 16:00	1025	1025	1025	1025
12/2/2018 17:00	1025	1025	1025	1025
12/2/2018 18:00	1025	1025	1025	1025
12/2/2018 19:00	1025	1025	1025	1025
12/2/2018 20:00	1025	1025	1025	1025
12/2/2018 21:00	1025	1025	1024	1025
12/2/2018 22:00	1025	1025	1024	1024
12/2/2018 23:00	1025	1025	1024	1024
12/3/2018 0:00	1025	1025	1024	1024
12/3/2018 1:00	1025	1025	1024	1024
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12/3/2018 3:00	1025	1025	1024	1024
12/3/2018 4:00	1025	1025	1024	1024
12/3/2018 5:00	1025	1025	1024	1024
12/3/2018 6:00	1025	1025	1024	1024
12/3/2018 7:00	1025	1025	1024	1024
12/3/2018 8:00	1025	1025	1024	1024
12/3/2018 9:00	1025	1025	1024	1024
12/3/2018 10:00	1025	1025	1024	1024
12/3/2018 11:00	1024	1025	1024	1024
12/3/2018 12:00	1024	1024	1024	1024
12/3/2018 13:00	1024	1024	1024	1024
12/3/2018 14:00	1024	1024	1024	1024
12/3/2018 15:00	1024	1024	1024	1024
12/3/2018 16:00	1024	1024	1023	1024
12/3/2018 17:00	1024	1024	1023	1023
12/3/2018 18:00	1024	1024	1023	1023
12/3/2018 19:00	1024	1024	1022	1023
12/3/2018 20:00	1024	1024	1022	1022
12/3/2018 21:00	1024	1024	1022	1022
12/3/2018 22:00	1024	1024	1022	1022
12/3/2018 23:00	1023	1024	1021	1022

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
12/4/2018 0:00	1023	1023	1021	1021
12/4/2018 1:00	1023	1023	1021	1021
12/4/2018 2:00	1022	1023	1021	1022
12/4/2018 3:00	1022	1022	1021	1022
12/4/2018 4:00	1022	1022	1022	1022
12/4/2018 5:00	1022	1022	1022	1025
12/4/2018 6:00	1022	1022	1024	1025
12/4/2018 7:00	1022	1022	1024	1024
12/4/2018 8:00	1021	1022	1024	1025
12/4/2018 9:00	1021	1021	1025	1025
12/4/2018 10:00	1021	1021	1025	1025
12/4/2018 11:00	1021	1022	1023	1025
12/4/2018 12:00	1022	1022	1020	1023
12/4/2018 13:00	1022	1023	1020	1020
12/4/2018 14:00	1023	1024	1020	1020
12/4/2018 15:00	1024	1024	1020	1021
12/4/2018 16:00	1024	1025	1021	1021
12/4/2018 17:00	1025	1025	1021	1021
12/4/2018 18:00	1025	1025	1021	1021
12/4/2018 19:00	1022	1025	1021	1021
12/4/2018 20:00	1020	1022	1021	1022
12/4/2018 21:00	1020	1020	1022	1022
12/4/2018 22:00	1020	1020	1022	1022
12/4/2018 23:00	1020	1021	1022	1022
12/5/2018 0:00	1021	1021	1022	1022
12/5/2018 1:00	1021	1021	1022	1022
12/5/2018 2:00	1021	1021	1022	1022
12/5/2018 3:00	1021	1021	1022	1022
12/5/2018 4:00	1021	1022	1022	1022
12/5/2018 5:00	1022	1022	1022	1022
12/5/2018 6:00	1022	1022	1022	1022
12/5/2018 7:00	1022	1022	1022	1022
12/5/2018 8:00	1022	1022	1022	1022
12/5/2018 9:00	1022	1022	1022	1022
12/5/2018 10:00	1022	1022	1022	1022
12/5/2018 11:00	1022	1022	1021	1022
12/5/2018 12:00	1022	1022	1021	1022
12/5/2018 13:00	1022	1022	1021	1021
12/5/2018 14:00	1022	1022	1021	1021
12/5/2018 15:00	1022	1022	1021	1021
12/5/2018 16:00	1022	1022	1021	1021
12/5/2018 17:00	1022	1022	1021	1021
12/5/2018 18:00	1022	1022	1021	1021
12/5/2018 19:00	1021	1022	1021	1021
12/5/2018 20:00	1021	1021	1021	1021
12/5/2018 21:00	1021	1021	1021	1021
12/5/2018 22:00	1021	1021	1021	1021
12/5/2018 23:00	1021	1021	1021	1021
12/6/2018 0:00	1021	1021	1021	1021
12/6/2018 1:00	1021	1021	1021	1021
12/6/2018 2:00	1021	1021	1021	1021
12/6/2018 3:00	1021	1021	1021	1021
12/6/2018 4:00	1021	1021	1021	1021
12/6/2018 5:00	1021	1021	1021	1021
12/6/2018 6:00	1021	1021	1021	1021
12/6/2018 7:00	1021	1021	1021	1021
12/6/2018 8:00	1021	1021	1020	1021
12/6/2018 9:00	1021	1021	1020	1020
12/6/2018 10:00	1021	1021	1020	1020
12/6/2018 11:00	1021	1021	1020	1021
12/6/2018 12:00	1021	1021	1021	1021
12/6/2018 13:00	1021	1021	1021	1021
12/6/2018 14:00	1021	1021	1021	1022
12/6/2018 15:00	1021	1021	1021	1021
12/6/2018 16:00	1021	1021	1020	1021
12/6/2018 17:00	1020	1021	1020	1020
12/6/2018 18:00	1020	1020	1020	1021
12/6/2018 19:00	1020	1020	1021	1021
12/6/2018 20:00	1020	1021	1021	1021
12/6/2018 21:00	1021	1021	1021	1021
12/6/2018 22:00	1021	1021	1021	1021
12/6/2018 23:00	1021	1021	1021	1021
12/7/2018 0:00	1020	1021	1021	1021
12/7/2018 1:00	1020	1020	1021	1021
12/7/2018 2:00	1020	1021	1021	1021
12/7/2018 3:00	1021	1021	1021	1021
12/7/2018 4:00	1021	1021	1021	1021
12/7/2018 5:00	1021	1021	1021	1022
12/7/2018 6:00	1021	1021	1021	1022
12/7/2018 7:00	1021	1021	1022	1022

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
12/7/2018 8:00	1021	1021	1022	1022
12/7/2018 9:00	1021	1021	1022	1022
12/7/2018 10:00	1021	1021	1022	1022
12/7/2018 11:00	1021	1021	1022	1022
12/7/2018 12:00	1021	1021	1021	1022
12/7/2018 13:00	1021	1022	1021	1022
12/7/2018 14:00	1022	1022	1021	1022
12/7/2018 15:00	1022	1022	1022	1022
12/7/2018 16:00	1022	1022	1022	1022
12/7/2018 17:00	1022	1022	1022	1022
12/7/2018 18:00	1021	1022	1021	1022
12/7/2018 19:00	1021	1021	1021	1021
12/7/2018 20:00	1021	1021	1021	1021
12/7/2018 21:00	1021	1022	1021	1021
12/7/2018 22:00	1022	1022	1021	1021
12/7/2018 23:00	1022	1022	1021	1021
12/8/2018 0:00	1021	1022	1021	1022
12/8/2018 1:00	1021	1021	1022	1022
12/8/2018 2:00	1021	1021	1022	1022
12/8/2018 3:00	1021	1021	1022	1022
12/8/2018 4:00	1021	1021	1022	1022
12/8/2018 5:00	1021	1021	1022	1022
12/8/2018 6:00	1021	1021	1022	1022
12/8/2018 7:00	1021	1021	1022	1022
12/8/2018 8:00	1021	1022	1022	1022
12/8/2018 9:00	1022	1022	1022	1022
12/8/2018 10:00	1022	1022	1022	1022
12/8/2018 11:00	1022	1022	1022	1022
12/8/2018 12:00	1022	1022	1022	1022
12/8/2018 13:00	1022	1022	1022	1022
12/8/2018 14:00	1022	1022	1022	1022
12/8/2018 15:00	1022	1022	1022	1023
12/8/2018 16:00	1022	1022	1023	1024
12/8/2018 17:00	1022	1022	1024	1025
12/8/2018 18:00	1022	1022	1025	1025
12/8/2018 19:00	1022	1022	1025	1025
12/8/2018 20:00	1022	1022	1025	1025
12/8/2018 21:00	1022	1022	1025	1025
12/8/2018 22:00	1021	1022	1025	1025
12/8/2018 23:00	1021	1022	1025	1025
12/9/2018 0:00	1022	1023	1024	1025
12/9/2018 1:00	1023	1024	1023	1024
12/9/2018 2:00	1024	1025	1022	1023
12/9/2018 3:00	1025	1025	1022	1022
12/9/2018 4:00	1025	1025	1022	1022
12/9/2018 5:00	1025	1025	1022	1023
12/9/2018 6:00	1025	1025	1023	1023
12/9/2018 7:00	1025	1025	1023	1024
12/9/2018 8:00	1025	1025	1024	1025
12/9/2018 9:00	1024	1025	1025	1026
12/9/2018 10:00	1023	1024	1026	1026
12/9/2018 11:00	1023	1023	1026	1026
12/9/2018 12:00	1022	1023	1026	1026
12/9/2018 13:00	1022	1022	1026	1026
12/9/2018 14:00	1022	1022	1026	1026
12/9/2018 15:00	0	1022	1026	1026
12/9/2018 16:00	0	1023	1026	1026
12/9/2018 17:00	1023	1023	1026	1026
12/9/2018 18:00	1023	1023	1026	1026
12/9/2018 19:00	1023	1024	1026	1026
12/9/2018 20:00	1024	1025	1026	1026
12/9/2018 21:00	1025	1025	1026	1026
12/9/2018 22:00	1025	1026	1026	1026
12/9/2018 23:00	1026	1026	1026	1026
12/10/2018 0:00	1026	1026	1026	1027
12/10/2018 1:00	1026	1026	1027	1027
12/10/2018 2:00	1026	1026	1026	1027
12/10/2018 3:00	1026	1026	1026	1027
12/10/2018 4:00	1026	1026	1026	1026
12/10/2018 5:00	1026	1026	1026	1026
12/10/2018 6:00	1026	1026	1026	1026
12/10/2018 7:00	1026	1026	1026	1026
12/10/2018 8:00	1026	1026	1025	1026
12/10/2018 9:00	1026	1026	1025	1026
12/10/2018 10:00	1026	1027	1025	1026
12/10/2018 11:00	1026	1027	1025	1026
12/10/2018 12:00	1026	1026	1024	1025
12/10/2018 13:00	1026	1026	1024	1024
12/10/2018 14:00	1026	1026	1023	1024
12/10/2018 15:00	1026	1026	1023	1024

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
12/10/2018 16:00	1026	1026	1024	1024
12/10/2018 17:00	1025	1026	1024	1024
12/10/2018 18:00	1025	1025	1024	1024
12/10/2018 19:00	1025	1025	1024	1024
12/10/2018 20:00	1025	1025	1024	1024
12/10/2018 21:00	1024	1025	1023	1024
12/10/2018 22:00	1023	1024	1024	1024
12/10/2018 23:00	1023	1024	1024	1024
12/11/2018 0:00	1024	1024	1024	1024
12/11/2018 1:00	1024	1024	1024	1024
12/11/2018 2:00	1024	1024	1023	1024
12/11/2018 3:00	1024	1024	1023	1023
12/11/2018 4:00	1024	1024	1022	1023
12/11/2018 5:00	1024	1024	1022	1022
12/11/2018 6:00	1023	1024	1022	1022
12/11/2018 7:00	1023	1024	1022	1023
12/11/2018 8:00	1024	1024	1022	1023
12/11/2018 9:00	1023	1024	1022	1023
12/11/2018 10:00	1022	1023	1022	1023
12/11/2018 11:00	1022	1022	1022	1023
12/11/2018 12:00	1022	1023	1023	1023
12/11/2018 13:00	1022	1023	1023	1027
12/11/2018 14:00	1022	1023	1026	1027
12/11/2018 15:00	1023	1023	1025	1026
12/11/2018 16:00	1022	1023	1025	1027
12/11/2018 17:00	1022	1023	1027	1028
12/11/2018 18:00	1023	1024	1028	1028
12/11/2018 19:00	1024	1027	1027	1028
12/11/2018 20:00	1026	1027	1026	1027
12/11/2018 21:00	1026	1026	1025	1026
12/11/2018 22:00	1026	1027	1025	1025
12/11/2018 23:00	1027	1028	1025	1026
12/12/2018 0:00	1028	1028	1025	1026
12/12/2018 1:00	1026	1028	1026	1027
12/12/2018 2:00	1026	1026	1026	1027
12/12/2018 3:00	1025	1026	1026	1026
12/12/2018 4:00	1025	1025	1025	1026
12/12/2018 5:00	1025	1026	1025	1025
12/12/2018 6:00	1026	1026	1024	1025
12/12/2018 7:00	1026	1026	1024	1024
12/12/2018 8:00	1026	1026	1023	1024
12/12/2018 9:00	1025	1026	1023	1023
12/12/2018 10:00	1025	1025	1023	1023
12/12/2018 11:00	1025	1025	1023	1024
12/12/2018 12:00	1024	1025	1024	1024
12/12/2018 13:00	1024	1024	1024	1025
12/12/2018 14:00	1023	1024	1025	1025
12/12/2018 15:00	1023	1023	1025	1025
12/12/2018 16:00	1023	1023	1024	1025
12/12/2018 17:00	1023	1024	1024	1024
12/12/2018 18:00	1024	1024	1024	1024
12/12/2018 19:00	1024	1024	1024	1024
12/12/2018 20:00	1024	1025	1023	1024
12/12/2018 21:00	1024	1025	1023	1023
12/12/2018 22:00	1024	1024	1023	1023
12/12/2018 23:00	1024	1024	1023	1023
12/13/2018 0:00	1024	1024	1023	1023
12/13/2018 1:00	1024	1024	1022	1023
12/13/2018 2:00	1023	1024	1022	1023
12/13/2018 3:00	1023	1023	1022	1022
12/13/2018 4:00	1023	1023	1022	1022
12/13/2018 5:00	1023	1023	1022	1022
12/13/2018 6:00	1023	1023	1022	1022
12/13/2018 7:00	1022	1023	1022	1023
12/13/2018 8:00	1022	1022	1022	1023
12/13/2018 9:00	1022	1022	1023	1023
12/13/2018 10:00	1022	1022	1023	1023
12/13/2018 11:00	1022	1022	1023	1023
12/13/2018 12:00	1022	1022	1023	1025
12/13/2018 13:00	1022	1022	1025	1025
12/13/2018 14:00	1022	1022	1025	1025
12/13/2018 15:00	1022	1022	1025	1025
12/13/2018 16:00	1022	1022	1025	1025
12/13/2018 17:00	1022	1022	1025	1025
12/13/2018 18:00	1022	1022	1025	1025
12/13/2018 19:00	1022	1022	1025	1025
12/13/2018 20:00	1022	1022	1025	1025
12/13/2018 21:00	1022	1022	1024	1025
12/13/2018 22:00	1022	1022	1024	1024
12/13/2018 23:00	1022	1022	1023	1024

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
12/14/2018 0:00	1022	1022	1023	1023
12/14/2018 1:00	1022	1022	1023	1023
12/14/2018 2:00	1022	1022	1023	1023
12/14/2018 3:00	1022	1022	1023	1023
12/14/2018 4:00	1022	1022	1022	1023
12/14/2018 5:00	1022	1022	1022	1022
12/14/2018 6:00	1022	1022	1022	1022
12/14/2018 7:00	1022	1022	1022	1022
12/14/2018 8:00	1022	1022	1022	1022
12/14/2018 9:00	1022	1022	1022	1023
12/14/2018 10:00	1022	1022	1023	1023
12/14/2018 11:00	1022	1022	1023	1023
12/14/2018 12:00	1022	1022	1023	1023
12/14/2018 13:00	1022	1022	1023	1023
12/14/2018 14:00	1022	1022	1023	1023
12/14/2018 15:00	1022	1022	1023	1023
12/14/2018 16:00	1022	1022	1023	1023
12/14/2018 17:00	1022	1022	1023	1023
12/14/2018 18:00	1022	1022	1023	1023
12/14/2018 19:00	1022	1022	1023	1024
12/14/2018 20:00	1022	1022	1024	1024
12/14/2018 21:00	1022	1022	1024	1024
12/14/2018 22:00	1022	1022	1024	1024
12/14/2018 23:00	1022	1022	1024	1024
12/15/2018 0:00	1022	1022	1023	1024
12/15/2018 1:00	1022	1022	1022	1023
12/15/2018 2:00	1022	1022	1022	1022
12/15/2018 3:00	1022	1022	1022	1022
12/15/2018 4:00	1022	1022	1022	1022
12/15/2018 5:00	1022	1022	1022	1022
12/15/2018 6:00	1022	1022	1022	1023
12/15/2018 7:00	1022	1022	1023	1024
12/15/2018 8:00	1022	1022	1024	1024
12/15/2018 9:00	1022	1022	1024	1025
12/15/2018 10:00	1022	1022	1025	1025
12/15/2018 11:00	1022	1022	1025	1025
12/15/2018 12:00	1022	1022	1025	1025
12/15/2018 13:00	1022	1022	1025	1025
12/15/2018 14:00	1022	1022	1025	1025
12/15/2018 15:00	1022	1022	1025	1026
12/15/2018 16:00	1022	1022	1025	1026
12/15/2018 17:00	1022	1022	1026	1026
12/15/2018 18:00	1022	1022	1026	1026
12/15/2018 19:00	1022	1025	1026	1026
12/15/2018 20:00	1025	1025	1026	1026
12/15/2018 21:00	1025	1025	1026	1026
12/15/2018 22:00	1025	1025	1026	1026
12/15/2018 23:00	1025	1026	1026	1026
12/16/2018 0:00	1026	1026	1025	1026
12/16/2018 1:00	1026	1026	1025	1025
12/16/2018 2:00	1026	1026	1025	1025
12/16/2018 3:00	1026	1026	1025	1025
12/16/2018 4:00	1026	1026	1025	1025
12/16/2018 5:00	1026	1026	1025	1025
12/16/2018 6:00	1026	1026	1025	1026
12/16/2018 7:00	1025	1026	1026	1026
12/16/2018 8:00	1025	1025	1026	1026
12/16/2018 9:00	1025	1025	1026	1027
12/16/2018 10:00	1025	1025	1027	1027
12/16/2018 11:00	1025	1025	1027	1027
12/16/2018 12:00	1025	1025	1027	1027
12/16/2018 13:00	1025	1025	1027	1027
12/16/2018 14:00	1025	1026	1027	1027
12/16/2018 15:00	1026	1026	1026	1027
12/16/2018 16:00	1026	1026	1026	1026
12/16/2018 17:00	1026	1026	1026	1026
12/16/2018 18:00	1026	1026	1026	1026
12/16/2018 19:00	1026	1026	1025	1026
12/16/2018 20:00	1026	1027	1025	1025
12/16/2018 21:00	1027	1027	1025	1025
12/16/2018 22:00	1027	1027	1025	1025
12/16/2018 23:00	1027	1027	1025	1025
12/17/2018 0:00	1027	1027	1025	1025
12/17/2018 1:00	1027	1027	1025	1025
12/17/2018 2:00	1026	1027	1025	1025
12/17/2018 3:00	1026	1026	1025	1025
12/17/2018 4:00	1026	1026	1025	1025
12/17/2018 5:00	1026	1026	1025	1025
12/17/2018 6:00	1025	1026	1025	1025
12/17/2018 7:00	1025	1025	1025	1025

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
12/17/2018 8:00	1025	1025	1025	1025
12/17/2018 9:00	1025	1025	1025	1025
12/17/2018 10:00	1025	1025	1025	1025
12/17/2018 11:00	1025	1025	1025	1025
12/17/2018 12:00	1025	1025	1025	1025
12/17/2018 13:00	1025	1025	1025	1025
12/17/2018 14:00	1025	1025	1025	1026
12/17/2018 15:00	1025	1025	1025	1026
12/17/2018 16:00	1025	1025	1026	1026
12/17/2018 17:00	1025	1025	1026	1026
12/17/2018 18:00	1025	1025	1026	1027
12/17/2018 19:00	1025	1025	1027	1027
12/17/2018 20:00	1025	1025	1027	1027
12/17/2018 21:00	1025	1025	1027	1027
12/17/2018 22:00	1025	1025	1027	1027
12/17/2018 23:00	1025	1026	1026	1027
12/18/2018 0:00	1026	1026	1026	1027
12/18/2018 1:00	1026	1026	1026	1027
12/18/2018 2:00	1026	1027	1027	1027
12/18/2018 3:00	1027	1027	1027	1027
12/18/2018 4:00	1027	1027	1027	1027
12/18/2018 5:00	1027	1027	1027	1027
12/18/2018 6:00	1027	1027	1027	1027
12/18/2018 7:00	1026	1027	1027	1027
12/18/2018 8:00	1026	1027	1027	1027
12/18/2018 9:00	1027	1027	1027	1027
12/18/2018 10:00	1027	1027	1027	1027
12/18/2018 11:00	1027	1027	1027	1027
12/18/2018 12:00	1027	1027	1027	1027
12/18/2018 13:00	1027	1027	1027	1027
12/18/2018 14:00	1027	1027	1027	1028
12/18/2018 15:00	1027	1027	1028	1028
12/18/2018 16:00	1027	1027	1028	1028
12/18/2018 17:00	1027	1027	1028	1028
12/18/2018 18:00	1027	1027	1028	1028
12/18/2018 19:00	1027	1027	1027	1028
12/18/2018 20:00	1027	1027	1028	1028
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12/18/2018 22:00	1028	1028	1028	1028
12/18/2018 23:00	1028	1028	1028	1028
12/19/2018 0:00	1027	1028	1028	1028
12/19/2018 1:00	1027	1028	1028	1028
12/19/2018 2:00	1028	1028	1028	1028
12/19/2018 3:00	1028	1028	1028	1028
12/19/2018 4:00	1028	1028	1028	1028
12/19/2018 5:00	1028	1028	1028	1028
12/19/2018 6:00	1028	1028	1027	1028
12/19/2018 7:00	1028	1028	1027	1027
12/19/2018 8:00	1028	1028	1027	1027
12/19/2018 9:00	1027	1028	1027	1027
12/19/2018 10:00	1027	1027	1026	1027
12/19/2018 11:00	1027	1027	1026	1026
12/19/2018 12:00	1027	1027	1026	1027
12/19/2018 13:00	1027	1027	1027	1027
12/19/2018 14:00	1027	1027	1027	1028
12/19/2018 15:00	1026	1027	1027	1028
12/19/2018 16:00	1026	1026	1027	1027
12/19/2018 17:00	1026	1026	1026	1027
12/19/2018 18:00	1026	1026	1025	1026
12/19/2018 19:00	1026	1027	1024	1025
12/19/2018 20:00	0	1027	1024	1024
12/19/2018 21:00	1027	1027	1024	1024
12/19/2018 22:00	1026	1027	1024	1025
12/19/2018 23:00	1025	1026	1025	1026
12/20/2018 0:00	1025	1025	1026	1026
12/20/2018 1:00	1024	1025	1026	1026
12/20/2018 2:00	1024	1024	1026	1026
12/20/2018 3:00	1024	1024	1026	1026
12/20/2018 4:00	1024	1025	1025	1026
12/20/2018 5:00	1025	1026	1023	1025
12/20/2018 6:00	1026	1026	1023	1024
12/20/2018 7:00	1026	1026	1024	1024
12/20/2018 8:00	1026	1026	1024	1024
12/20/2018 9:00	1026	1026	1024	1024
12/20/2018 10:00	1025	1026	1024	1025
12/20/2018 11:00	1023	1025	1025	1025
12/20/2018 12:00	1023	1024	1025	1025
12/20/2018 13:00	1024	1024	1024	1025
12/20/2018 14:00	1024	1024	1023	1024
12/20/2018 15:00	1024	1024	1023	1023

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
12/20/2018 16:00	1024	1025	1023	1023
12/20/2018 17:00	1025	1025	1023	1023
12/20/2018 18:00	1025	1025	1023	1023
12/20/2018 19:00	1024	1025	1023	1023
12/20/2018 20:00	1023	1024	1023	1024
12/20/2018 21:00	1023	1023	1023	1024
12/20/2018 22:00	1023	1023	1023	1024
12/20/2018 23:00	1023	1023	1023	1023
12/21/2018 0:00	1023	1023	1022	1023
12/21/2018 1:00	1023	1023	1021	1022
12/21/2018 2:00	1023	1023	1020	1021
12/21/2018 3:00	1023	1023	1020	1021
12/21/2018 4:00	1023	1023	1020	1021
12/21/2018 5:00	1023	1023	1021	1021
12/21/2018 6:00	1022	1023	1021	1021
12/21/2018 7:00	1021	1022	1021	1021
12/21/2018 8:00	1020	1021	1021	1021
12/21/2018 9:00	1020	1020	1021	1021
12/21/2018 10:00	1020	1021	1021	1021
12/21/2018 11:00	1021	1021	1021	1021
12/21/2018 12:00	1021	1021	1021	1021
12/21/2018 13:00	1021	1021	1021	1021
12/21/2018 14:00	1021	1021	1021	1021
12/21/2018 15:00	1021	1021	1021	1021
12/21/2018 16:00	1021	1021	1021	1021
12/21/2018 17:00	1021	1021	1021	1021
12/21/2018 18:00	1021	1021	1020	1021
12/21/2018 19:00	1021	1021	1021	1021
12/21/2018 20:00	1021	1021	1021	1021
12/21/2018 21:00	1021	1021	1021	1021
12/21/2018 22:00	1021	1021	1021	1021
12/21/2018 23:00	1020	1021	1021	1021
12/22/2018 0:00	1020	1021	1021	1022
12/22/2018 1:00	1021	1021	1022	1022
12/22/2018 2:00	1021	1021	1022	1026
12/22/2018 3:00	1021	1021	1026	1027
12/22/2018 4:00	1021	1021	1027	1028
12/22/2018 5:00	1021	1022	1028	1028
12/22/2018 6:00	1022	1022	1028	1028
12/22/2018 7:00	1022	1022	1028	1028
12/22/2018 8:00	1022	1027	1028	1028
12/22/2018 9:00	1027	1027	1027	1028
12/22/2018 10:00	1027	1028	1027	1028
12/22/2018 11:00	1028	1028	1027	1028
12/22/2018 12:00	1027	1028	1028	1028
12/22/2018 13:00	1027	1027	1028	1028
12/22/2018 14:00	1027	1027	1028	1028
12/22/2018 15:00	1027	1027	1028	1028
12/22/2018 16:00	1027	1027	1028	1028
12/22/2018 17:00	1027	1027	1028	1028
12/22/2018 18:00	1027	1027	1028	1028
12/22/2018 19:00	1027	1028	1028	1028
12/22/2018 20:00	1028	1028	1027	1028
12/22/2018 21:00	1028	1028	1027	1027
12/22/2018 22:00	1028	1028	1027	1027
12/22/2018 23:00	1028	1028	1027	1028
12/23/2018 0:00	1028	1028	1028	1028
12/23/2018 1:00	1027	1028	1028	1028
12/23/2018 2:00	1027	1027	1028	1028
12/23/2018 3:00	1027	1027	1028	1028
12/23/2018 4:00	1027	1027	1028	1028
12/23/2018 5:00	1027	1028	1028	1028
12/23/2018 6:00	1028	1028	1028	1028
12/23/2018 7:00	1028	1028	1028	1028
12/23/2018 8:00	1028	1028	1028	1028
12/23/2018 9:00	1028	1028	1028	1028
12/23/2018 10:00	1028	1028	1028	1028
12/23/2018 11:00	1028	1028	1028	1028
12/23/2018 12:00	1028	1028	1028	1028
12/23/2018 13:00	1028	1028	1028	1028
12/23/2018 14:00	1028	1028	1028	1028
12/23/2018 15:00	1028	1028	1028	1028
12/23/2018 16:00	1028	1028	1028	1028
12/23/2018 17:00	1028	1028	1028	1028
12/23/2018 18:00	1028	1028	1028	1028
12/23/2018 19:00	1028	1028	1028	1028
12/23/2018 20:00	1028	1028	1028	1028
12/23/2018 21:00	1027	1028	1028	1028
12/23/2018 22:00	1027	1027	1028	1028
12/23/2018 23:00	1027	1027	1028	1028

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
12/24/2018 0:00	1027	1028	1027	1028
12/24/2018 1:00	1028	1028	1027	1027
12/24/2018 2:00	1028	1028	1027	1027
12/24/2018 3:00	1028	1028	1027	1027
12/24/2018 4:00	1028	1028	1027	1027
12/24/2018 5:00	1027	1028	1027	1028
12/24/2018 6:00	1027	1027	1027	1027
12/24/2018 7:00	1027	1027	1027	1027
12/24/2018 8:00	1027	1027	1027	1027
12/24/2018 9:00	1027	1027	1027	1028
12/24/2018 10:00	1027	1027	1028	1028
12/24/2018 11:00	1027	1027	1028	1028
12/24/2018 12:00	1027	1027	1028	1028
12/24/2018 13:00	1027	1027	1028	1028
12/24/2018 14:00	1027	1027	1028	1028
12/24/2018 15:00	1027	1027	1028	1028
12/24/2018 16:00	1027	1028	1028	1028
12/24/2018 17:00	1028	1028	1028	1028
12/24/2018 18:00	1028	1028	1028	1028
12/24/2018 19:00	1028	1028	1028	1028
12/24/2018 20:00	1028	1028	1028	1028
12/24/2018 21:00	1028	1028	1028	1028
12/24/2018 22:00	1028	1028	1028	1028
12/24/2018 23:00	1027	1028	1028	1028
12/25/2018 0:00	1027	1027	1028	1028
12/25/2018 1:00	1027	1027	1028	1028
12/25/2018 2:00	1027	1027	1028	1028
12/25/2018 3:00	1027	1028	1028	1028
12/25/2018 4:00	1028	1028	1028	1028
12/25/2018 5:00	1028	1028	1028	1028
12/25/2018 6:00	1028	1028	1028	1029
12/25/2018 7:00	1028	1028	1029	1029
12/25/2018 8:00	1028	1028	1029	1029
12/25/2018 9:00	1028	1028	1029	1029
12/25/2018 10:00	1028	1028	1029	1029
12/25/2018 11:00	1028	1028	1029	1029
12/25/2018 12:00	1028	1028	1029	1029
12/25/2018 13:00	1028	1028	1029	1029
12/25/2018 14:00	1028	1029	1029	1029
12/25/2018 15:00	1029	1029	1029	1029
12/25/2018 16:00	1029	1029	1029	1029
12/25/2018 17:00	1029	1029	1029	1029
12/25/2018 18:00	1029	1029	1029	1029
12/25/2018 19:00	1029	1029	1029	1029
12/25/2018 20:00	1029	1029	1029	1029
12/25/2018 21:00	1029	1029	1029	1029
12/25/2018 22:00	1029	1029	1029	1029
12/25/2018 23:00	1029	1029	1029	1029
12/26/2018 0:00	1029	1029	1029	1029
12/26/2018 1:00	1029	1029	1029	1029
12/26/2018 2:00	1028	1029	1029	1029
12/26/2018 3:00	1028	1029	1029	1029
12/26/2018 4:00	1029	1029	1029	1029
12/26/2018 5:00	1029	1029	1029	1029
12/26/2018 6:00	1029	1029	1029	1029
12/26/2018 7:00	1029	1029	1029	1029
12/26/2018 8:00	1029	1029	1029	1029
12/26/2018 9:00	1029	1029	1029	1029
12/26/2018 10:00	1029	1029	1029	1029
12/26/2018 11:00	1029	1029	1029	1029
12/26/2018 12:00	1029	1029	1029	1029
12/26/2018 13:00	1029	1029	1029	1029
12/26/2018 14:00	1029	1029	1029	1029
12/26/2018 15:00	1029	1029	1029	1029
12/26/2018 16:00	1029	1029	1029	1029
12/26/2018 17:00	1029	1029	1028	1029
12/26/2018 18:00	1029	1029	1029	1029
12/26/2018 19:00	1029	1029	1029	1029
12/26/2018 20:00	1029	1029	1029	1029
12/26/2018 21:00	1028	1029	1029	1029
12/26/2018 22:00	1028	1028	1029	1029
12/26/2018 23:00	1028	1028	1029	1029
12/27/2018 0:00	1028	1028	1029	1029
12/27/2018 1:00	1028	1029	1029	1030
12/27/2018 2:00	1029	1029	1030	1030
12/27/2018 3:00	1029	1029	1030	1030
12/27/2018 4:00	1029	1029	1030	1030
12/27/2018 5:00	1029	1029	1030	1030
12/27/2018 6:00	1029	1029	1030	1031
12/27/2018 7:00	1029	1029	1030	1031

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
12/27/2018 8:00	1029	1030	1030	1030
12/27/2018 9:00	1030	1030	1030	1030
12/27/2018 10:00	1030	1030	1030	1030
12/27/2018 11:00	1030	1030	1030	1030
12/27/2018 12:00	1030	1030	1030	1030
12/27/2018 13:00	1030	1030	1030	1030
12/27/2018 14:00	1030	1030	1030	1030
12/27/2018 15:00	1030	1030	1030	1030
12/27/2018 16:00	1030	1030	1030	1031
12/27/2018 17:00	1030	1030	1030	1031
12/27/2018 18:00	1030	1030	1030	1030
12/27/2018 19:00	1030	1030	1029	1030
12/27/2018 20:00	1030	1030	1029	1029
12/27/2018 21:00	1030	1030	1028	1029
12/27/2018 22:00	1030	1030	1029	1029
12/27/2018 23:00	1030	1030	1029	1030
12/28/2018 0:00	1029	1030	1029	1030
12/28/2018 1:00	1029	1029	1030	1030
12/28/2018 2:00	1029	1029	1030	1031
12/28/2018 3:00	1029	1029	1030	1031
12/28/2018 4:00	1029	1029	1031	1031
12/28/2018 5:00	1029	1030	1031	1031
12/28/2018 6:00	1030	1030	1031	1031
12/28/2018 7:00	1030	1030	1031	1031
12/28/2018 8:00	1030	1030	1031	1031
12/28/2018 9:00	1030	1030	1031	1031
12/28/2018 10:00	1030	1031	1031	1031
12/28/2018 11:00	1031	1031	1031	1031
12/28/2018 12:00	1031	1031	1031	1031
12/28/2018 13:00	1031	1031	1031	1031
12/28/2018 14:00	1031	1031	1031	1031
12/28/2018 15:00	1031	1031	1031	1031
12/28/2018 16:00	1031	1031	1031	1031
12/28/2018 17:00	1031	1031	1031	1031
12/28/2018 18:00	1031	1031	1031	1031
12/28/2018 19:00	1031	1031	1031	1031
12/28/2018 20:00	1031	1031	1031	1031
12/28/2018 21:00	1031	1031	1031	1031
12/28/2018 22:00	1031	1031	1031	1031
12/28/2018 23:00	1031	1031	1031	1031
12/29/2018 0:00	1031	1031	1031	1031
12/29/2018 1:00	1030	1031	1031	1031
12/29/2018 2:00	1030	1030	1031	1031
12/29/2018 3:00	1030	1031	1031	1031
12/29/2018 4:00	1031	1031	1031	1031
12/29/2018 5:00	1031	1031	1031	1031
12/29/2018 6:00	1031	1031	1031	1031
12/29/2018 7:00	1030	1031	1031	1031
12/29/2018 8:00	1030	1031	1030	1031
12/29/2018 9:00	1031	1031	1030	1031
12/29/2018 10:00	1031	1031	1030	1031
12/29/2018 11:00	1031	1031	1030	1031
12/29/2018 12:00	1031	1031	1030	1031
12/29/2018 13:00	1031	1031	1030	1031
12/29/2018 14:00	1030	1031	1030	1031
12/29/2018 15:00	1030	1030	1031	1031
12/29/2018 16:00	1030	1030	1031	1031
12/29/2018 17:00	1030	1030	1031	1031
12/29/2018 18:00	1030	1030	1031	1031
12/29/2018 19:00	1030	1030	1031	1031
12/29/2018 20:00	1030	1030	1031	1031
12/29/2018 21:00	1030	1031	1031	1031
12/29/2018 22:00	1031	1031	1031	1031
12/29/2018 23:00	1031	1031	1031	1031
12/30/2018 0:00	1031	1031	1031	1032
12/30/2018 1:00	1031	1031	1032	1032
12/30/2018 2:00	1031	1031	1031	1032
12/30/2018 3:00	1031	1031	1031	1031
12/30/2018 4:00	1031	1031	1031	1031
12/30/2018 5:00	1031	1031	1031	1031
12/30/2018 6:00	1031	1031	1031	1031
12/30/2018 7:00	1031	1032	1031	1031
12/30/2018 8:00	1032	1032	1031	1032
12/30/2018 9:00	1031	1032	1032	1032
12/30/2018 10:00	1031	1031	1032	1032
12/30/2018 11:00	1031	1031	1032	1032
12/30/2018 12:00	1031	1031	1031	1032
12/30/2018 13:00	1031	1031	1031	1031
12/30/2018 14:00	1031	1031	1031	1031
12/30/2018 15:00	1031	1032	1031	1031

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
12/30/2018 16:00	1032	1032	1031	1031
12/30/2018 17:00	1032	1032	1031	1031
12/30/2018 18:00	1031	1032	1031	1031
12/30/2018 19:00	1031	1031	1031	1031
12/30/2018 20:00	1031	1031	1030	1031
12/30/2018 21:00	1031	1031	1030	1030
12/30/2018 22:00	1031	1031	1030	1030
12/30/2018 23:00	1031	1031	1030	1031
12/31/2018 0:00	1031	1031	1031	1031
12/31/2018 1:00	1031	1031	1031	1031
12/31/2018 2:00	1031	1031	1031	1032
12/31/2018 3:00	1030	1031	1032	1032
12/31/2018 4:00	1030	1030	1031	1032
12/31/2018 5:00	1030	1030	1031	1032
12/31/2018 6:00	1030	1030	1031	1031
12/31/2018 7:00	1030	1030	1031	1031
12/31/2018 8:00	1030	1031	1031	1031
12/31/2018 9:00	1031	1031	1031	1031
12/31/2018 10:00	1031	1031	1031	1031
12/31/2018 11:00	1031	1031	1031	1031
12/31/2018 12:00	1031	1031	1031	1031
12/31/2018 13:00	1031	1031	1031	1031
12/31/2018 14:00	1031	1031	1031	1031
12/31/2018 15:00	1031	1031	1031	1032
12/31/2018 16:00	1031	1031	1032	1032
12/31/2018 17:00	1031	1031	1031	1032
12/31/2018 18:00	1031	1031	1031	1031
12/31/2018 19:00	1031	1031	1031	1031
12/31/2018 20:00	1031	1031	1031	1031
12/31/2018 21:00	1031	1031	1031	1031
12/31/2018 22:00	1031	1031	1031	1031
12/31/2018 23:00	1031	1032	1031	1032