



825 Rice Street  
Saint Paul, MN 55117

April 4, 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 March 2019 as required by N.D. PU-19-92.

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
3/1/2019 0:00	1025	1025	1024	1024
3/1/2019 1:00	1025	1025	1024	1024
3/1/2019 2:34	1025	1025	1024	1024
3/1/2019 3:00	1025	1025	1024	1024
3/1/2019 4:40	1024	1025	1024	1024
3/1/2019 5:36	1024	1024	1024	1024
3/1/2019 6:00	1024	1024	1024	1024
3/1/2019 7:00	1024	1024	1024	1024
3/1/2019 8:00	1024	1024	1024	1024
3/1/2019 9:34	1024	1024	1022	1024
3/1/2019 9:34	1024	1024	1024	1024
3/1/2019 10:00	1024	1024	1023	1023
3/1/2019 11:00	1024	1024	1022	1023
3/1/2019 12:36	1024	1024	1022	1023
3/1/2019 13:39	1024	1024	1022	1024
3/1/2019 14:35	1023	1024	1024	1024
3/1/2019 15:38	1022	1023	1024	1024
3/1/2019 16:00	1022	1022	1024	1024
3/1/2019 17:37	1022	1022	1023	1024
3/1/2019 18:00	1022	1022	1023	1023
3/1/2019 19:00	1022	1024	1023	1024
3/1/2019 20:00	1024	1024	1024	1024
3/1/2019 21:00	1024	1024	1024	1024
3/1/2019 22:00	1024	1024	1024	1024
3/1/2019 23:34	1023	1024	1024	1024
3/2/2019 0:37	1023	1023	1023	1024
3/2/2019 1:00	1023	1023	1023	1023
3/2/2019 2:00	1023	1023	1023	1024
3/2/2019 3:00	1023	1023	1024	1024
3/2/2019 4:00	1023	1024	1024	1025
3/2/2019 5:38	1023	1024	1025	1025
3/2/2019 6:00	1023	1023	1025	1025
3/2/2019 7:37	1023	1023	1025	1026
3/2/2019 8:00	1023	1023	1026	1026
3/2/2019 9:00	1023	1024	1026	1026
3/2/2019 10:00	1024	1024	1026	1026
3/2/2019 11:00	1024	1025	1026	1026
3/2/2019 12:00	1025	1025	1026	1026
3/2/2019 13:00	1025	1025	1026	1027
3/2/2019 14:00	1025	1025	1027	1027
3/2/2019 15:00	1026	1026	1027	1027
3/2/2019 16:00	1026	1026	1027	1027
3/2/2019 17:00	1026	1026	1027	1028
3/2/2019 18:00	1026	1026	1028	1028
3/2/2019 19:00	1026	1026	1028	1028
3/2/2019 20:00	1026	1026	1024	1028
3/2/2019 21:00	1026	1027	1023	1024
3/2/2019 22:00	1027	1027	1023	1023
3/2/2019 23:00	1027	1027	1023	1023
3/3/2019 0:00	1027	1027	1023	1023
3/3/2019 1:00	1027	1028	1023	1023
3/3/2019 2:38	1027	1028	1023	1026
3/3/2019 3:34	1023	1027	1026	1026
3/3/2019 4:37	1023	1023	1025	1026
3/3/2019 5:40	1023	1023	1025	1025
3/3/2019 6:36	1023	1023	1025	1025
3/3/2019 7:39	1023	1023	1025	1025
3/3/2019 8:00	1023	1024	1025	1025
3/3/2019 9:00	1024	1026	1024	1025
3/3/2019 10:34	1025	1026	1024	1027
3/3/2019 11:52	1025	1025	1027	1028
3/3/2019 12:40	1025	1025	1027	1028
3/3/2019 13:37	1025	1025	1027	1027
3/3/2019 14:39	1024	1025	1026	1027
3/3/2019 15:35	1024	1024	1024	1026
3/3/2019 16:00	1024	1026	1024	1025
3/3/2019 17:00	1026	1027	1025	1025
3/3/2019 18:37	1027	1027	1025	1025
3/3/2019 19:40	1027	1027	1025	1025
3/3/2019 20:43	1026	1027	1024	1025
3/3/2019 21:39	1024	1026	1025	1025
3/3/2019 22:00	1024	1024	1024	1025
3/3/2019 23:38	1024	1024	1024	1024
3/4/2019 0:00	1024	1025	1024	1024
3/4/2019 1:44	1024	1025	1024	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
3/4/2019 2:00	1024	1024	1024	1024
3/4/2019 3:00	1024	1025	1024	1024
3/4/2019 4:39	1024	1025	1021	1024
3/4/2019 5:35	1024	1024	1021	1021
3/4/2019 6:38	1024	1024	1020	1021
3/4/2019 7:00	1024	1024	1019	1020
3/4/2019 8:00	1024	1024	1019	1019
3/4/2019 9:40	1023	1024	1018	1019
3/4/2019 10:36	1021	1023	1018	1019
3/4/2019 11:39	1020	1021	1019	1021
3/4/2019 12:35	1020	1020	1021	1022
3/4/2019 13:38	1019	1020	1021	1022
3/4/2019 14:34	1019	1019	1021	1021
3/4/2019 15:44	1018	1019	1021	1021
3/4/2019 16:00	1018	1021	1021	1021
3/4/2019 17:00	1021	1021	1021	1021
3/4/2019 18:00	1021	1021	1021	1021
3/4/2019 19:36	1021	1021	1019	1021
3/4/2019 20:38	1021	1021	1018	1018
3/4/2019 21:48	1020	1021	1018	1019
3/4/2019 22:00	1020	1021	1019	1019
3/4/2019 23:00	1021	1021	1018	1019
3/5/2019 0:00	1021	1021	1018	1018
3/5/2019 1:39	1018	1021	1018	1018
3/5/2019 2:00	1018	1018	1018	1019
3/5/2019 3:00	1018	1019	1019	1020
3/5/2019 4:34	1019	1019	1020	1021
3/5/2019 5:37	1018	1019	1021	1021
3/5/2019 6:00	1018	1018	1021	1021
3/5/2019 7:00	1018	1018	1020	1021
3/5/2019 8:00	1018	1020	1020	1020
3/5/2019 9:00	1020	1020	1020	1020
3/5/2019 10:00	1020	1021	1020	1020
3/5/2019 11:00	1021	1021	1020	1020
3/5/2019 12:37	1020	1021	1020	1031
3/5/2019 13:40	1020	1020	1019	1020
3/5/2019 14:37	1020	1020	1019	1020
3/5/2019 15:39	1020	1020	1020	1020
3/5/2019 16:00	1020	1020	1019	1020
3/5/2019 17:00	1020	1020	1019	1020
3/5/2019 18:34	1020	1020	1019	1019
3/5/2019 19:37	1019	1020	1019	1019
3/5/2019 20:00	1019	1019	1019	1019
3/5/2019 21:36	1019	1019	1019	1019
3/5/2019 22:39	1019	1019	1019	1020
3/5/2019 23:35	1019	1019	1020	1020
3/6/2019 0:38	1018	1019	1020	1020
3/6/2019 1:00	1018	1019	1020	1020
3/6/2019 2:00	1019	1019	1020	1020
3/6/2019 3:00	1019	1019	1020	1021
3/6/2019 4:00	1019	1019	1021	1021
3/6/2019 5:00	1019	1020	1020	1021
3/6/2019 6:00	1020	1020	1020	1020
3/6/2019 7:00	1020	1020	1020	1020
3/6/2019 8:00	1020	1020	1020	1022
3/6/2019 9:00	1020	1021	1022	1022
3/6/2019 10:40	1020	1021	1021	1022
3/6/2019 11:36	1020	1020	1021	1021
3/6/2019 12:00	1020	1020	1021	1021
3/6/2019 13:00	1020	1021	1021	1031
3/6/2019 14:00	1021	1022	1021	1021
3/6/2019 15:34	1021	1022	1021	1021
3/6/2019 16:37	1021	1021	1021	1022
3/6/2019 17:40	1021	1021	1021	1022
3/6/2019 18:00	1021	1021	1022	1022
3/6/2019 19:00	1021	1021	1021	1022
3/6/2019 20:00	1021	1021	1021	1022
3/6/2019 21:00	1021	1021	1021	1021
3/6/2019 22:00	1021	1021	1021	1021
3/6/2019 23:00	1021	1021	1021	1021
3/7/2019 0:40	1021	1021	1021	1021
3/7/2019 1:36	1021	1021	1021	1021
3/7/2019 2:39	1021	1021	1020	1021
3/7/2019 3:35	1021	1021	1020	1020
3/7/2019 4:38	1021	1021	1020	1021
3/7/2019 5:00	1021	1021	1021	1021
3/7/2019 6:37	1021	1021	1021	1022
3/7/2019 7:40	1021	1021	1022	1022
3/7/2019 8:36	1020	1021	1022	1022
3/7/2019 9:39	1020	1020	1022	1022

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/7/2019 10:00	1020	1020	1022	1022
3/7/2019 11:00	1020	1021	1022	1022
3/7/2019 12:00	1021	1022	1022	1022
3/7/2019 13:00	1022	1022	1022	1022
3/7/2019 14:40	1022	1022	1022	1022
3/7/2019 15:00	1022	1022	1022	1022
3/7/2019 16:00	1022	1022	1022	1022
3/7/2019 17:00	1022	1022	1022	1023
3/7/2019 18:38	1022	1022	1022	1023
3/7/2019 19:34	1022	1022	1023	1023
3/7/2019 20:37	1022	1022	1022	1023
3/7/2019 21:00	1022	1022	1022	1022
3/7/2019 22:00	1022	1022	1021	1022
3/7/2019 23:00	1022	1022	1021	1021
3/8/2019 0:00	1022	1023	1021	1021
3/8/2019 1:00	1023	1023	1021	1022
3/8/2019 2:34	1023	1023	1022	1022
3/8/2019 3:37	1022	1023	1022	1022
3/8/2019 4:40	1022	1022	1022	1023
3/8/2019 5:36	1021	1022	1023	1023
3/8/2019 6:53	1021	1021	1023	1024
3/8/2019 7:00	1021	1021	1024	1024
3/8/2019 8:00	1021	1021	1024	1024
3/8/2019 9:00	1021	1022	1024	1024
3/8/2019 10:00	1022	1022	1024	1024
3/8/2019 11:00	1022	1023	1024	1024
3/8/2019 12:00	1023	1023	1024	1024
3/8/2019 13:00	1023	1024	1024	1024
3/8/2019 14:00	1024	1024	1024	1024
3/8/2019 15:00	1024	1024	1024	1024
3/8/2019 16:00	1024	1024	1024	1024
3/8/2019 17:00	1024	1024	1024	1024
3/8/2019 18:00	1024	1024	1024	1025
3/8/2019 19:36	1024	1024	1025	1025
3/8/2019 20:39	1024	1024	1025	1025
3/8/2019 21:35	1024	1024	1024	1025
3/8/2019 22:38	1024	1024	1024	1024
3/8/2019 23:00	1024	1024	1024	1024
3/9/2019 0:00	1024	1024	1022	1024
3/9/2019 1:00	1024	1024	1022	1022
3/9/2019 2:00	1024	1025	1021	1022
3/9/2019 3:00	1025	1025	1021	1021
3/9/2019 4:35	1025	1025	1021	1021
3/9/2019 5:38	1024	1025	1021	1021
3/9/2019 6:34	1024	1024	1021	1022
3/9/2019 7:00	1024	1024	1022	1022
3/9/2019 8:40	1022	1024	1022	1023
3/9/2019 9:36	1022	1022	1023	1023
3/9/2019 10:39	1021	1022	1022	1023
3/9/2019 11:35	1021	1021	1022	1023
3/9/2019 12:38	1021	1021	1023	1023
3/9/2019 13:00	1021	1021	1023	1023
3/9/2019 14:00	1021	1022	1023	1023
3/9/2019 15:00	1022	1022	1023	1023
3/9/2019 16:00	1022	1022	1023	1023
3/9/2019 17:39	1022	1022	1023	1023
3/9/2019 18:35	1022	1022	1022	1023
3/9/2019 19:00	1022	1022	1022	1022
3/9/2019 20:00	1022	1023	1022	1023
3/9/2019 21:00	1023	1023	1023	1024
3/9/2019 22:00	1023	1023	1023	1024
3/9/2019 23:43	1023	1023	1024	1025
3/10/2019 0:00	1023	1023	1025	1025
3/10/2019 1:00	1023	1023	1025	1025
3/10/2019 3:38	1023	1023	1025	1025
3/10/2019 4:34	1023	1023	1025	1025
3/10/2019 5:37	1023	1023	1025	1025
3/10/2019 6:40	1023	1023	1025	1025
3/10/2019 7:36	1022	1023	1025	1025
3/10/2019 8:39	1022	1022	1025	1026
3/10/2019 9:35	1022	1022	1026	1026
3/10/2019 10:00	1022	1023	1026	1026
3/10/2019 11:00	1023	1024	1026	1026
3/10/2019 12:00	1024	1025	1026	1026
3/10/2019 13:00	1025	1025	1025	1026
3/10/2019 14:36	1025	1025	1025	1026
3/10/2019 15:00	1025	1025	1025	1026
3/10/2019 16:35	1025	1025	1026	1026
3/10/2019 17:00	1025	1025	1025	1026
3/10/2019 18:00	1025	1025	1025	1026

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/10/2019 19:00	1025	1025	1025	1026
3/10/2019 20:00	1025	1026	1026	1026
3/10/2019 21:00	1026	1026	1026	1026
3/10/2019 22:39	1026	1026	1026	1026
3/10/2019 23:35	1025	1026	1026	1026
3/11/2019 0:38	1025	1025	1026	1026
3/11/2019 1:00	1025	1025	1026	1026
3/11/2019 2:00	1025	1025	1026	1027
3/11/2019 3:00	1025	1025	1027	1027
3/11/2019 4:36	1025	1025	1027	1027
3/11/2019 5:39	1025	1025	1027	1028
3/11/2019 6:00	1025	1025	1027	1028
3/11/2019 7:00	1025	1026	1028	1028
3/11/2019 8:00	1026	1026	1027	1028
3/11/2019 9:00	1026	1026	1027	1027
3/11/2019 10:00	1026	1026	1027	1027
3/11/2019 11:36	1026	1026	1027	1027
3/11/2019 12:00	1026	1026	1027	1027
3/11/2019 13:00	1026	1026	1027	1028
3/11/2019 14:00	1026	1026	1027	1028
3/11/2019 15:00	1026	1027	1027	1028
3/11/2019 16:00	1027	1027	1028	1028
3/11/2019 17:40	1027	1027	1028	1028
3/11/2019 18:43	1027	1027	1027	1028
3/11/2019 19:39	1027	1027	1028	1028
3/11/2019 20:35	1026	1027	1028	1028
3/11/2019 21:00	1026	1027	1028	1028
3/11/2019 22:00	1027	1027	1028	1028
3/11/2019 23:00	1027	1027	1028	1028
3/12/2019 0:00	1027	1027	1028	1028
3/12/2019 1:00	1027	1027	1028	1028
3/12/2019 2:00	1027	1027	1028	1028
3/12/2019 3:00	1027	1027	1028	1028
3/12/2019 4:00	1027	1027	1028	1028
3/12/2019 5:00	1027	1028	1028	1028
3/12/2019 6:00	1028	1028	1027	1028
3/12/2019 7:00	1028	1028	1027	1027
3/12/2019 8:00	1028	1028	1027	1027
3/12/2019 9:00	1028	1028	1027	1027
3/12/2019 10:00	1028	1028	1027	1027
3/12/2019 11:38	1028	1028	1024	1027
3/12/2019 12:34	1028	1028	1023	1024
3/12/2019 13:37	1027	1028	1024	1024
3/12/2019 14:00	1027	1028	1024	1025
3/12/2019 15:36	1027	1028	1025	1025
3/12/2019 16:39	1027	1027	1025	1026
3/12/2019 17:42	1027	1027	1026	1026
3/12/2019 18:38	1027	1027	1026	1026
3/12/2019 19:34	1024	1027	1026	1026
3/12/2019 20:38	1024	1024	1028	1028
3/12/2019 21:00	1024	1024	1027	1028
3/12/2019 22:00	1024	1025	1027	1027
3/12/2019 23:00	1025	1025	1027	1027
3/13/2019 0:00	1025	1025	1027	1027
3/13/2019 1:00	1025	1026	1027	1027
3/13/2019 2:00	1026	1027	1027	1027
3/13/2019 3:37	1027	1027	1027	1027
3/13/2019 4:41	1027	1027	1027	1027
3/13/2019 5:37	1027	1027	1027	1027
3/13/2019 6:00	1027	1027	1027	1027
3/13/2019 7:35	1027	1027	1027	1027
3/13/2019 8:00	1027	1027	1027	1027
3/13/2019 9:00	1027	1027	1027	1027
3/13/2019 10:38	1027	1027	1027	1027
3/13/2019 11:40	1027	1027	1027	1027
3/13/2019 12:00	1027	1027	1027	1027
3/13/2019 13:39	1027	1027	1027	1031
3/13/2019 14:35	1027	1027	1027	1027
3/13/2019 15:38	1027	1027	1027	1027
3/13/2019 16:34	1027	1027	1027	1027
3/13/2019 17:00	1027	1027	1027	1027
3/13/2019 18:40	1027	1027	1027	1027
3/13/2019 19:00	1027	1027	1027	1027
3/13/2019 20:39	1027	1027	1027	1027
3/13/2019 21:00	1027	1027	1027	1027
3/13/2019 22:00	1027	1027	1026	1027
3/13/2019 23:34	1027	1027	1026	1027
3/14/2019 0:37	1027	1027	1026	1026
3/14/2019 1:54	1027	1027	1026	1027
3/14/2019 2:00	1027	1027	1027	1028

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/14/2019 3:00	1027	1027	1028	1028
3/14/2019 4:35	1027	1027	1028	1029
3/14/2019 5:38	1027	1027	1029	1029
3/14/2019 6:42	1026	1027	1029	1029
3/14/2019 7:37	1026	1026	1028	1029
3/14/2019 8:40	1026	1026	1028	1028
3/14/2019 9:00	1026	1026	1028	1028
3/14/2019 10:00	1026	1027	1028	1028
3/14/2019 11:00	1027	1026	1028	1029
3/14/2019 12:00	1028	1028	1029	1029
3/14/2019 13:00	1028	1028	1029	1030
3/14/2019 14:00	1028	1029	1030	1030
3/14/2019 15:40	1029	1029	1030	1030
3/14/2019 16:37	1028	1029	1030	1031
3/14/2019 17:39	1028	1028	1030	1031
3/14/2019 18:35	1028	1028	1030	1030
3/14/2019 19:38	1028	1028	1030	1031
3/14/2019 20:00	1028	1028	1031	1032
3/14/2019 21:00	1028	1028	1032	1033
3/14/2019 22:00	1028	1028	1032	1033
3/14/2019 23:00	1028	1029	1033	1033
3/15/2019 0:00	1029	1030	1033	1034
3/15/2019 1:00	1030	1030	1034	1034
3/15/2019 2:00	1030	1030	1034	1034
3/15/2019 3:34	1030	1030	1034	1034
3/15/2019 4:37	1030	1030	1033	1034
3/15/2019 5:00	1030	1031	1033	1033
3/15/2019 6:00	1031	1031	1033	1033
3/15/2019 7:00	1031	1032	1033	1033
3/15/2019 8:00	1032	1033	1033	1033
3/15/2019 9:00	1033	1033	1033	1033
3/15/2019 10:00	1033	1033	1032	1033
3/15/2019 11:00	1033	1034	1031	1032
3/15/2019 12:40	1034	1034	1031	1031
3/15/2019 13:39	1033	1034	1030	1031
3/15/2019 14:39	1033	1033	1031	1031
3/15/2019 15:35	1033	1033	1031	1031
3/15/2019 16:38	1033	1033	1031	1032
3/15/2019 17:34	1032	1033	1032	1032
3/15/2019 18:37	1032	1032	1032	1032
3/15/2019 19:42	1031	1032	1032	1032
3/15/2019 20:37	1030	1031	1031	1032
3/15/2019 21:39	1030	1030	1031	1031
3/15/2019 22:00	1030	1030	1031	1031
3/15/2019 23:00	1030	1031	1031	1031
3/16/2019 0:00	1031	1031	1031	1031
3/16/2019 1:00	1031	1031	1031	1031
3/16/2019 2:00	1031	1031	1031	1031
3/16/2019 3:36	1031	1031	1031	1031
3/16/2019 4:39	1031	1031	1031	1031
3/16/2019 5:35	1031	1031	1031	1031
3/16/2019 6:38	1031	1031	1031	1031
3/16/2019 7:34	1031	1031	1031	1031
3/16/2019 8:38	1031	1031	1031	1031
3/16/2019 9:42	1031	1031	1031	1031
3/16/2019 10:38	1030	1031	1030	1031
3/16/2019 11:39	1030	1030	1030	1031
3/16/2019 12:00	1030	1030	1031	1031
3/16/2019 13:00	1030	1030	1031	1031
3/16/2019 14:00	1030	1031	1031	1031
3/16/2019 15:00	1031	1031	1031	1031
3/16/2019 16:40	1031	1031	1031	1031
3/16/2019 17:00	1031	1031	1031	1031
3/16/2019 18:39	1031	1031	1031	1031
3/16/2019 19:35	1030	1031	1030	1031
3/16/2019 20:00	1030	1030	1030	1031
3/16/2019 21:00	1030	1031	1030	1031
3/16/2019 22:00	1031	1031	1031	1031
3/16/2019 23:00	1031	1031	1031	1031
3/17/2019 0:36	1031	1031	1031	1031
3/17/2019 1:39	1031	1031	1030	1031
3/17/2019 2:35	1031	1031	1030	1031
3/17/2019 3:38	1030	1031	1030	1031
3/17/2019 4:34	1030	1030	1030	1031
3/17/2019 5:37	1030	1030	1030	1030
3/17/2019 6:00	1030	1030	1030	1030
3/17/2019 7:00	1030	1031	1030	1030
3/17/2019 8:00	1031	1031	1030	1030
3/17/2019 9:35	1030	1031	1030	1030
3/17/2019 10:38	1030	1030	1030	1030

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/17/2019 11:34	1030	1030	1030	1031
3/17/2019 12:00	1030	1030	1031	1031
3/17/2019 13:47	1030	1030	1031	1031
3/17/2019 14:37	1030	1030	1031	1031
3/17/2019 15:39	1030	1030	1031	1031
3/17/2019 16:00	1030	1030	1031	1031
3/17/2019 17:00	1030	1030	1030	1031
3/17/2019 18:00	1030	1030	1029	1030
3/17/2019 19:37	1030	1030	1029	1029
3/17/2019 20:00	1030	1030	1029	1030
3/17/2019 21:00	1030	1030	1030	1031
3/17/2019 22:00	1030	1030	1031	1031
3/17/2019 23:00	1030	1031	1031	1031
3/18/2019 0:00	1031	1031	1031	1032
3/18/2019 1:34	1031	1031	1031	1032
3/18/2019 2:37	1030	1031	1031	1032
3/18/2019 3:40	1029	1030	1031	1032
3/18/2019 4:00	1029	1029	1031	1031
3/18/2019 5:00	1029	1030	1030	1031
3/18/2019 6:00	1030	1030	1030	1030
3/18/2019 7:00	1030	1031	1030	1030
3/18/2019 8:00	1031	1031	1030	1030
3/18/2019 9:00	1031	1031	1030	1030
3/18/2019 10:40	1031	1031	1030	1031
3/18/2019 11:00	1031	1031	1030	1031
3/18/2019 12:39	1031	1031	1031	1031
3/18/2019 13:39	1030	1031	1031	1031
3/18/2019 14:38	1031	1031	1031	1031
3/18/2019 15:34	1030	1030	1031	1031
3/18/2019 16:00	1030	1030	1031	1031
3/18/2019 17:00	1030	1030	1031	1031
3/18/2019 18:00	1030	1030	1031	1031
3/18/2019 19:00	1030	1030	1031	1031
3/18/2019 20:00	1030	1030	1030	1031
3/18/2019 21:00	1030	1030	1030	1030
3/18/2019 22:00	1030	1031	1030	1031
3/18/2019 23:00	1031	1031	1030	1031
3/19/2019 0:40	1031	1031	1031	1031
3/19/2019 1:37	1031	1031	1031	1031
3/19/2019 2:00	1031	1031	1031	1032
3/19/2019 3:35	1031	1031	1032	1032
3/19/2019 4:38	1030	1031	1032	1032
3/19/2019 5:34	1030	1030	1032	1032
3/19/2019 6:37	1030	1030	1032	1032
3/19/2019 7:00	1030	1030	1032	1032
3/19/2019 8:00	1030	1030	1032	1033
3/19/2019 9:00	1030	1031	1032	1032
3/19/2019 10:00	1031	1031	1032	1032
3/19/2019 11:00	1031	1031	1032	1032
3/19/2019 12:00	1031	1031	1028	1032
3/19/2019 13:00	1031	1032	1027	1028
3/19/2019 14:00	1032	1032	1028	1029
3/19/2019 15:00	1032	1032	1029	1029
3/19/2019 16:39	1032	1032	1029	1030
3/19/2019 17:35	1032	1032	1030	1030
3/19/2019 18:00	1032	1032	1030	1032
3/19/2019 19:41	1032	1032	1032	1033
3/19/2019 20:37	1028	1032	1033	1033
3/19/2019 21:40	1028	1028	1033	1033
3/19/2019 22:00	1028	1028	1032	1033
3/19/2019 23:00	1028	1029	1032	1033
3/20/2019 0:00	1029	1029	1032	1033
3/20/2019 1:00	1029	1029	1032	1033
3/20/2019 2:00	1029	1031	1032	1032
3/20/2019 3:00	1031	1032	1032	1032
3/20/2019 4:00	1032	1032	1032	1032
3/20/2019 5:36	1032	1032	1032	1032
3/20/2019 6:39	1032	1032	1032	1032
3/20/2019 7:35	1032	1032	1032	1032
3/20/2019 8:00	1032	1032	1032	1032
3/20/2019 9:34	1032	1032	1032	1032
3/20/2019 10:37	1032	1032	1032	1032
3/20/2019 11:40	1032	1032	1032	1032
3/20/2019 12:37	1032	1032	1032	1033
3/20/2019 13:49	1032	1032	1032	1033
3/20/2019 14:35	1032	1032	1033	1033
3/20/2019 15:38	1031	1032	1033	1033
3/20/2019 16:34	1031	1031	1033	1033
3/20/2019 17:37	1031	1031	1033	1033
3/20/2019 18:00	1031	1031	1032	1033

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/20/2019 19:00	1031	1031	1032	1032
3/20/2019 20:00	1031	1032	1032	1032
3/20/2019 21:00	1032	1032	1031	1032
3/20/2019 22:00	1032	1032	1031	1032
3/20/2019 23:00	1032	1033	1032	1032
3/21/2019 0:37	1032	1033	1032	1032
3/21/2019 1:40	1032	1032	1032	1032
3/21/2019 2:38	1032	1032	1032	1032
3/21/2019 3:39	1032	1032	1032	1032
3/21/2019 4:42	1032	1032	1032	1032
3/21/2019 5:38	1031	1032	1032	1032
3/21/2019 6:34	1031	1031	1032	1033
3/21/2019 7:00	1031	1031	1033	1033
3/21/2019 8:00	1031	1031	1032	1033
3/21/2019 9:00	1031	1032	1032	1032
3/21/2019 10:00	1032	1032	1032	1032
3/21/2019 11:35	1032	1032	1032	1033
3/21/2019 12:38	1032	1032	1033	1033
3/21/2019 13:35	1031	1032	1033	1033
3/21/2019 14:00	1031	1032	1032	1033
3/21/2019 15:00	1032	1032	1032	1032
3/21/2019 16:00	1032	1032	1032	1032
3/21/2019 17:39	1032	1032	1032	1032
3/21/2019 18:35	1032	1032	1032	1032
3/21/2019 19:38	1032	1032	1032	1032
3/21/2019 20:00	1032	1032	1032	1032
3/21/2019 21:00	1032	1032	1032	1032
3/21/2019 22:00	1032	1032	1032	1032
3/21/2019 23:36	1032	1032	1032	1032
3/22/2019 0:39	1032	1032	1032	1032
3/22/2019 1:42	1032	1032	1032	1033
3/22/2019 2:00	1032	1032	1032	1032
3/22/2019 3:00	1032	1032	1032	1033
3/22/2019 4:37	1032	1032	1033	1033
3/22/2019 5:00	1032	1032	1033	1033
3/22/2019 6:00	1032	1032	1033	1033
3/22/2019 7:00	1032	1032	1033	1033
3/22/2019 8:00	1032	1032	1033	1033
3/22/2019 9:00	1032	1032	1033	1033
3/22/2019 10:48	1032	1032	1032	1033
3/22/2019 11:00	1032	1032	1032	1032
3/22/2019 12:40	1032	1032	1031	1032
3/22/2019 13:00	1032	1032	1031	1031
3/22/2019 14:00	1032	1032	1031	1031
3/22/2019 15:00	1032	1032	1031	1031
3/22/2019 16:00	1032	1032	1031	1031
3/22/2019 17:34	1032	1032	1030	1031
3/22/2019 18:00	1032	1032	1030	1030
3/22/2019 19:54	1032	1032	1030	1031
3/22/2019 20:36	1032	1032	1030	1031
3/22/2019 21:39	1031	1032	1030	1030
3/22/2019 22:35	1031	1031	1030	1030
3/22/2019 23:38	1031	1031	1030	1030
3/23/2019 0:34	1031	1031	1030	1030
3/23/2019 1:00	1031	1031	1030	1030
3/23/2019 2:40	1031	1031	1030	1030
3/23/2019 3:38	1030	1031	1029	1030
3/23/2019 4:39	1030	1030	1028	1029
3/23/2019 5:00	1030	1030	1028	1028
3/23/2019 6:00	1030	1030	1028	1028
3/23/2019 7:34	1030	1030	1028	1029
3/23/2019 8:00	1030	1030	1029	1029
3/23/2019 9:40	1030	1030	1029	1029
3/23/2019 10:36	1030	1030	1028	1029
3/23/2019 11:00	1030	1030	1028	1029
3/23/2019 12:36	1029	1030	1028	1029
3/23/2019 13:38	1029	1029	1028	1029
3/23/2019 14:42	1029	1029	1029	1029
3/23/2019 15:37	1028	1029	1029	1029
3/23/2019 16:00	1028	1028	1029	1029
3/23/2019 17:36	1028	1028	1028	1029
3/23/2019 18:00	1028	1029	1028	1028
3/23/2019 19:00	1029	1029	1028	1028
3/23/2019 20:38	1028	1029	1028	1028
3/23/2019 21:34	1028	1028	1028	1028
3/23/2019 22:37	1028	1028	1028	1028
3/23/2019 23:00	1028	1028	1028	1028
3/24/2019 0:00	1028	1028	1028	1028
3/24/2019 1:00	1028	1028	1028	1029
3/24/2019 2:35	1028	1028	1029	1029

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/24/2019 3:38	1028	1028	1028	1029
3/24/2019 4:34	1028	1028	1028	1028
3/24/2019 5:37	1028	1028	1028	1029
3/24/2019 6:40	1028	1028	1029	1030
3/24/2019 7:37	1028	1028	1030	1030
3/24/2019 8:39	1028	1028	1030	1030
3/24/2019 9:35	1028	1028	1030	1030
3/24/2019 10:00	1028	1028	1030	1030
3/24/2019 11:00	1028	1028	1029	1030
3/24/2019 12:00	1028	1028	1029	1029
3/24/2019 13:00	1028	1028	1029	1029
3/24/2019 14:37	1028	1028	1029	1030
3/24/2019 15:39	1028	1028	1029	1030
3/24/2019 16:00	1028	1028	1030	1030
3/24/2019 17:00	1028	1029	1029	1030
3/24/2019 18:00	1029	1030	1029	1030
3/24/2019 19:00	1030	1030	1029	1030
3/24/2019 20:40	1030	1030	1029	1029
3/24/2019 21:37	1029	1030	1029	1029
3/24/2019 22:46	1029	1029	1029	1029
3/24/2019 23:35	1029	1029	1029	1029
3/25/2019 0:38	1029	1029	1029	1029
3/25/2019 1:00	1029	1029	1029	1030
3/25/2019 2:00	1029	1029	1030	1030
3/25/2019 3:40	1029	1029	1030	1031
3/25/2019 4:00	1029	1029	1030	1031
3/25/2019 5:39	1029	1029	1029	1030
3/25/2019 6:00	1029	1029	1029	1029
3/25/2019 7:38	1029	1029	1029	1030
3/25/2019 8:34	1029	1029	1030	1030
3/25/2019 9:38	1029	1029	1029	1030
3/25/2019 10:40	1029	1029	1029	1030
3/25/2019 11:00	1029	1029	1030	1032
3/25/2019 12:00	1029	1029	1030	1031
3/25/2019 13:00	1029	1029	1030	1030
3/25/2019 14:00	1029	1030	1030	1030
3/25/2019 15:34	1030	1030	1030	1030
3/25/2019 16:38	1029	1030	1030	1031
3/25/2019 17:47	1029	1029	1030	1031
3/25/2019 18:00	1029	1029	1030	1030
3/25/2019 19:39	1029	1029	1030	1030
3/25/2019 20:35	1029	1029	1030	1030
3/25/2019 21:00	1029	1031	1030	1030
3/25/2019 22:00	1031	1031	1029	1030
3/25/2019 23:37	1030	1031	1029	1030
3/26/2019 0:00	1030	1030	1030	1030
3/26/2019 1:00	1030	1030	1030	1030
3/26/2019 2:00	1030	1030	1030	1030
3/26/2019 3:00	1030	1031	1029	1030
3/26/2019 4:38	1030	1031	1029	1029
3/26/2019 5:34	1030	1030	1029	1029
3/26/2019 6:38	1030	1030	1029	1029
3/26/2019 7:40	1030	1030	1029	1029
3/26/2019 8:37	1030	1030	1029	1029
3/26/2019 9:00	1030	1030	1029	1029
3/26/2019 10:50	1029	1029	1029	1029
3/26/2019 11:00	1029	1030	1029	1029
3/26/2019 12:00	1030	1030	1029	1029
3/26/2019 13:42	1029	1030	1029	1029
3/26/2019 14:40	1029	1029	1029	1029
3/26/2019 15:43	1029	1029	1028	1029
3/26/2019 16:39	1029	1029	1028	1028
3/26/2019 17:35	1029	1029	1028	1028
3/26/2019 18:38	1029	1029	1028	1028
3/26/2019 19:34	1029	1029	1028	1028
3/26/2019 20:37	1028	1029	1028	1029
3/26/2019 21:00	1028	1029	1028	1029
3/26/2019 22:00	1029	1029	1029	1029
3/26/2019 23:39	1028	1029	1029	1029
3/27/2019 0:35	1028	1028	1029	1029
3/27/2019 1:38	1028	1028	1028	1029
3/27/2019 2:34	1028	1028	1028	1028
3/27/2019 3:00	1028	1028	1028	1028
3/27/2019 4:00	1028	1028	1028	1028
3/27/2019 5:00	1028	1028	1028	1028
3/27/2019 6:00	1028	1028	1028	1028
3/27/2019 7:00	1028	1029	1028	1029
3/27/2019 8:00	1029	1029	1028	1028
3/27/2019 9:34	1028	1029	1028	1028
3/27/2019 10:00	1028	1028	1028	1029

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
3/27/2019 11:40	1028	1028	1028	1029
3/27/2019 12:37	1028	1028	1029	1029
3/27/2019 13:39	1028	1028	1029	1029
3/27/2019 14:00	1028	1028	1028	1028
3/27/2019 15:00	1028	1028	1028	1029
3/27/2019 16:00	1028	1028	1028	1029
3/27/2019 17:00	1028	1028	1028	1029
3/27/2019 18:00	1028	1028	1028	1028
3/27/2019 19:37	1028	1028	1028	1028
3/27/2019 20:00	1028	1028	1028	1028
3/27/2019 21:35	1028	1028	1028	1028
3/27/2019 22:00	1028	1028	1028	1028
3/27/2019 23:00	1028	1028	1028	1028
3/28/2019 0:00	1028	1028	1028	1028
3/28/2019 1:40	1028	1028	1028	1028
3/28/2019 2:37	1028	1028	1028	1028
3/28/2019 3:00	1028	1028	1028	1028
3/28/2019 4:42	1028	1028	1028	1029
3/28/2019 5:38	1028	1028	1028	1029
3/28/2019 6:34	1028	1028	1029	1029
3/28/2019 7:37	1028	1028	1029	1029
3/28/2019 8:00	1028	1028	1029	1030
3/28/2019 9:00	1028	1028	1029	1031
3/28/2019 10:00	1028	1028	1030	1031
3/28/2019 11:00	1028	1028	1030	1030
3/28/2019 12:00	1028	1028	1030	1030
3/28/2019 13:00	1028	1028	1030	1030
3/28/2019 14:00	1028	1028	1029	1029
3/28/2019 15:00	1028	1028	1029	1029
3/28/2019 16:00	1029	1029	1029	1029
3/28/2019 17:00	1029	1029	1029	1029
3/28/2019 18:00	1029	1030	1029	1030
3/28/2019 19:00	1030	1030	1029	1032
3/28/2019 20:00	1030	1030	1030	1032
3/28/2019 21:37	1030	1030	1032	1032
3/28/2019 22:40	1030	1030	1032	1032
3/28/2019 23:37	1029	1030	1032	1032
3/29/2019 0:39	1028	1029	1032	1032
3/29/2019 1:35	1028	1029	1030	1030
3/29/2019 2:38	1028	1028	1030	1031
3/29/2019 3:00	1028	1029	1030	1031
3/29/2019 4:00	1029	1029	1031	1031
3/29/2019 5:00	1029	1031	1031	1031
3/29/2019 6:00	1031	1032	1031	1031
3/29/2019 7:00	1032	1032	1031	1031
3/29/2019 8:35	1032	1032	1031	1031
3/29/2019 9:00	1032	1032	1031	1031
3/29/2019 10:34	1031	1031	1031	1031
3/29/2019 11:37	1030	1031	1031	1031
3/29/2019 12:00	1030	1031	1031	1032
3/29/2019 13:00	1031	1031	1031	1032
3/29/2019 14:39	1031	1031	1031	1031
3/29/2019 15:35	1030	1031	1031	1031
3/29/2019 16:00	1030	1031	1031	1031
3/29/2019 17:00	1031	1031	1031	1031
3/29/2019 18:00	1031	1031	1031	1031
3/29/2019 19:00	1031	1031	1031	1031
3/29/2019 20:37	1031	1031	1031	1032
3/29/2019 21:39	1031	1031	1031	1032
3/29/2019 22:00	1031	1031	1032	1032
3/29/2019 23:00	1031	1031	1031	1032
3/30/2019 0:00	1031	1031	1032	1033
3/30/2019 1:58	1031	1031	1032	1032
3/30/2019 2:00	1031	1031	1032	1032
3/30/2019 3:00	1031	1031	1032	1032
3/30/2019 4:00	1031	1031	1031	1031
3/30/2019 5:00	1031	1032	1030	1030
3/30/2019 6:00	1032	1032	1030	1030
3/30/2019 7:00	1032	1032	1030	1031
3/30/2019 8:37	1032	1032	1030	1030
3/30/2019 9:40	1032	1032	1030	1030
3/30/2019 10:37	1031	1032	1030	1030
3/30/2019 11:39	1030	1031	1030	1030
3/30/2019 12:35	1030	1030	1030	1030
3/30/2019 13:00	1030	1030	1030	1031
3/30/2019 14:00	1030	1030	1030	1031
3/30/2019 15:51	1030	1030	1031	1031
3/30/2019 16:40	1030	1030	1031	1031
3/30/2019 17:37	1030	1030	1031	1031
3/30/2019 18:39	1030	1030	1031	1031
3/30/2019 19:35	1030	1030	1031	1031
3/30/2019 20:00	1030	1030	1028	1028
3/30/2019 21:00	1030	1031	1028	1028
3/30/2019 22:37	1031	1031	1028	1028
3/30/2019 23:40	1031	1031	1028	1028
3/31/2019 0:00	1031	1031	1028	1028
3/31/2019 1:39	1030	1031	1028	1028
3/31/2019 2:35	1028	1030	1028	1028
3/31/2019 3:38	1028	1028	1028	1028
3/31/2019 4:34	1028	1028	1028	1029
3/31/2019 5:37	1028	1028	1028	1030
3/31/2019 6:40	1028	1028	1029	1030
3/31/2019 7:37	1028	1028	1030	1030
3/31/2019 8:00	1028	1028	1029	1029
3/31/2019 9:35	1027	1028	1028	1028
3/31/2019 10:00	1027	1028	1028	1028
3/31/2019 11:00	1028	1029	1028	1029
3/31/2019 12:00	1028	1028	1028	1028
3/31/2019 13:00	1029	1030	1029	1029
3/31/2019 14:50	1029	1030	1029	1029
3/31/2019 15:39	1028	1029	1029	1029
3/31/2019 16:35	1028	1028	1029	1029
3/31/2019 17:38	1028	1028	1029	1029
3/31/2019 18:00	1028	1028	1029	1029
3/31/2019 19:37	1028	1028	1029	1029
3/31/2019 20:40	1028	1028	1029	1029
3/31/2019 21:00	1028	1029	1029	1029
3/31/2019 22:00	1029	1029	1029	1029
3/31/2019 23:00	1029	1029	1029	1029