



825 Rice Street
Saint Paul, MN 55117

June 24, 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 May 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
5/1/2019 8:45	1067	1068	1067	1067
5/1/2019 9:34	1066	1067	1066	1066
5/1/2019 10:37	1064	1066	1064	1064
5/1/2019 11:40	1061	1064	1061	1061
5/1/2019 12:36	1059	1061	1059	1059
5/1/2019 13:39	1057	1059	1057	1057
5/1/2019 14:35	1056	1057	1056	1057
5/1/2019 15:00	1056	1057	1056	1057
5/1/2019 16:34	1056	1057	1056	1056
5/1/2019 17:37	1052	1056	1052	1053
5/1/2019 18:00	1052	1053	1052	1053
5/1/2019 19:37	1050	1053	1050	1050
5/1/2019 20:39	1049	1050	1049	1049
5/1/2019 21:35	1045	1049	1045	1045
5/1/2019 22:45	1045	1045	1045	1045
5/1/2019 23:34	1044	1045	1044	1044
5/2/2019 0:37	1041	1044	1041	1041
5/2/2019 1:40	1038	1041	1038	1038
5/2/2019 2:36	1033	1038	1033	1033
5/2/2019 3:39	1030	1033	1030	1030
5/2/2019 4:35	1030	1030	1030	1030
5/2/2019 5:00	1030	1030	1030	1030
5/2/2019 6:00	1030	1030	1030	1030
5/2/2019 7:44	1030	1030	1030	1030
5/2/2019 8:40	1029	1030	1029	1029
5/2/2019 9:37	1029	1029	1029	1029
5/2/2019 10:00	1029	1029	1029	1029
5/2/2019 11:35	1028	1029	1028	1029
5/2/2019 12:00	1028	1029	1028	1029
5/2/2019 13:34	1029	1029	1029	1030
5/2/2019 14:00	1029	1030	1029	1030
5/2/2019 15:40	1023	1030	1023	1023
5/2/2019 16:36	1023	1023	1023	1023
5/2/2019 17:00	1023	1023	1023	1023
5/2/2019 18:00	1023	1023	1023	1024
5/2/2019 19:00	1023	1024	1023	1030
5/2/2019 20:00	1024	1030	1024	1030
5/2/2019 21:44	1029	1030	1029	1029
5/2/2019 22:40	1028	1029	1028	1028
5/2/2019 23:00	1028	1028	1028	1028
5/3/2019 0:39	1028	1028	1028	1028
5/3/2019 1:00	1028	1028	1028	1028
5/3/2019 2:38	1028	1028	1028	1029
5/3/2019 3:00	1028	1029	1028	1029
5/3/2019 4:37	1029	1029	1029	1029
5/3/2019 5:40	1027	1029	1027	1028
5/3/2019 6:00	1027	1028	1027	1028
5/3/2019 7:00	1028	1028	1028	1028
5/3/2019 8:00	1028	1028	1028	1031
5/3/2019 9:00	1028	1031	1028	1031
5/3/2019 10:34	1030	1031	1030	1030
5/3/2019 11:37	1027	1030	1027	1033
5/3/2019 12:00	1027	1033	1027	1034
5/3/2019 13:00	1033	1034	1033	1035
5/3/2019 14:00	1034	1035	1034	1036
5/3/2019 15:00	1035	1036	1035	1037
5/3/2019 16:00	1036	1037	1036	1037
5/3/2019 17:34	1037	1037	1037	1037
5/3/2019 18:37	1037	1037	1037	1037
5/3/2019 19:00	1037	1037	1037	1037
5/3/2019 20:00	1037	1037	1037	1037
5/3/2019 21:00	1037	1037	1037	1037
5/3/2019 22:35	1037	1037	1037	1037
5/3/2019 23:38	1035	1037	1035	1035
5/4/2019 0:00	1035	1035	1035	1035
5/4/2019 1:00	1035	1035	1035	1035
5/4/2019 2:40	1034	1035	1034	1034
5/4/2019 3:36	1033	1034	1033	1033
5/4/2019 4:39	1033	1033	1033	1033
5/4/2019 5:00	1033	1033	1033	1033
5/4/2019 6:00	1033	1033	1033	1034
5/4/2019 7:00	1033	1034	1033	1034

Xcel Energy
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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/4/2019 8:00	1034	1034	1034	1035
5/4/2019 9:00	1034	1035	1034	1035
5/4/2019 10:00	1035	1035	1035	1035
5/4/2019 11:00	1035	1035	1035	1035
5/4/2019 12:35	1035	1035	1035	1036
5/4/2019 13:00	1035	1036	1035	1040
5/4/2019 14:00	1036	1040	1036	1040
5/4/2019 15:44	1040	1040	1040	1040
5/4/2019 16:00	1040	1040	1040	1041
5/4/2019 17:00	1040	1041	1040	1041
5/4/2019 18:39	1041	1041	1041	1041
5/4/2019 19:00	1041	1041	1041	1041
5/4/2019 20:38	1041	1041	1041	1041
5/4/2019 21:34	1041	1041	1041	1041
5/4/2019 22:37	1040	1041	1040	1040
5/4/2019 23:42	1040	1040	1040	1040
5/5/2019 0:50	1039	1040	1039	1039
5/5/2019 1:39	1039	1039	1039	1039
5/5/2019 2:35	1039	1039	1039	1039
5/5/2019 3:38	1038	1039	1038	1039
5/5/2019 4:00	1038	1039	1038	1039
5/5/2019 5:00	1039	1039	1039	1039
5/5/2019 6:40	1039	1039	1039	1039
5/5/2019 7:37	1038	1039	1038	1038
5/5/2019 8:00	1038	1038	1038	1038
5/5/2019 9:35	1038	1038	1038	1038
5/5/2019 10:00	1038	1038	1038	1038
5/5/2019 11:34	1038	1038	1038	1038
5/5/2019 12:00	1038	1038	1038	1038
5/5/2019 13:00	1038	1038	1038	1038
5/5/2019 14:38	1038	1038	1038	1038
5/5/2019 15:00	1038	1038	1038	1038
5/5/2019 16:35	1038	1038	1038	1038
5/5/2019 17:38	1038	1038	1038	1038
5/5/2019 18:34	1037	1038	1037	1037
5/5/2019 19:37	1036	1037	1036	1036
5/5/2019 20:40	1034	1036	1034	1035
5/5/2019 21:00	1034	1035	1034	1035
5/5/2019 22:39	1033	1035	1033	1033
5/5/2019 23:00	1033	1033	1033	1034
5/6/2019 0:00	1033	1034	1033	1033
5/6/2019 1:34	1033	1033	1033	1033
5/6/2019 2:00	1033	1033	1033	1033
5/6/2019 3:00	1033	1033	1033	1034
5/6/2019 4:00	1033	1034	1033	1035
5/6/2019 5:00	1034	1035	1034	1035
5/6/2019 6:00	1035	1035	1035	1035
5/6/2019 7:38	1035	1035	1035	1035
5/6/2019 8:34	1035	1035	1035	1035
5/6/2019 9:00	1035	1035	1035	1035
5/6/2019 10:00	1034	1035	1034	1035
5/6/2019 11:00	1035	1035	1035	1035
5/6/2019 12:34	1035	1035	1035	1035
5/6/2019 13:00	1035	1035	1035	1035
5/6/2019 14:40	1035	1035	1035	1035
5/6/2019 15:36	1034	1035	1034	1034
5/6/2019 16:39	1034	1034	1034	1034
5/6/2019 17:35	1033	1034	1033	1035
5/6/2019 18:00	1033	1035	1033	1035
5/6/2019 19:34	1034	1035	1034	1034
5/6/2019 20:37	1033	1034	1033	1033
5/6/2019 21:40	1032	1033	1032	1034
5/6/2019 22:00	1032	1034	1032	1034
5/6/2019 23:39	1031	1034	1031	1032
5/7/2019 0:00	1031	1032	1031	1032
5/7/2019 1:38	1032	1032	1032	1032
5/7/2019 2:34	1032	1032	1032	1032
5/7/2019 3:00	1032	1032	1032	1032
5/7/2019 4:00	1032	1032	1032	1032
5/7/2019 5:00	1032	1032	1032	1032
5/7/2019 6:00	1032	1032	1032	1033
5/7/2019 7:00	1032	1033	1032	1033
5/7/2019 8:00	1033	1033	1033	1033
5/7/2019 9:00	1033	1033	1033	1033
5/7/2019 10:00	1033	1033	1033	1035
5/7/2019 11:00	1033	1035	1033	1036
5/7/2019 12:00	1035	1036	1035	1036
5/7/2019 13:39	1033	1036	1033	1033
5/7/2019 14:35	1032	1033	1032	1032
5/7/2019 15:38	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
5/7/2019 16:34	1030	1031	1030	1030
5/7/2019 17:00	1030	1030	1030	1030
5/7/2019 18:40	1029	1030	1029	1029
5/7/2019 19:00	1029	1029	1029	1029
5/7/2019 20:00	1029	1029	1029	1030
5/7/2019 21:00	1029	1030	1029	1030
5/7/2019 22:00	1030	1030	1030	1030
5/7/2019 23:00	1030	1030	1030	1030
5/8/2019 0:37	1030	1030	1030	1030
5/8/2019 1:40	1030	1030	1030	1030
5/8/2019 2:36	1029	1030	1029	1029
5/8/2019 3:39	1029	1029	1029	1029
5/8/2019 4:35	1029	1029	1029	1029
5/8/2019 5:38	1029	1029	1029	1029
5/8/2019 6:34	1029	1029	1029	1029
5/8/2019 7:37	1028	1029	1028	1028
5/8/2019 8:40	1028	1028	1028	1028
5/8/2019 9:36	1028	1028	1028	1029
5/8/2019 10:00	1028	1029	1028	1029
5/8/2019 11:00	1029	1029	1029	1029
5/8/2019 12:38	1029	1029	1029	1029
5/8/2019 13:34	1029	1029	1029	1029
5/8/2019 14:37	1028	1029	1028	1028
5/8/2019 15:40	1028	1028	1028	1028
5/8/2019 16:00	1028	1028	1028	1028
5/8/2019 17:39	1028	1028	1028	1028
5/8/2019 18:35	1028	1028	1028	1028
5/8/2019 19:00	1028	1028	1028	1029
5/8/2019 20:00	1028	1029	1028	1029
5/8/2019 21:00	1029	1029	1029	1029
5/8/2019 22:00	1029	1029	1029	1029
5/8/2019 23:00	1029	1029	1029	1029
5/9/2019 0:00	1029	1029	1029	1029
5/9/2019 1:00	1029	1029	1029	1029
5/9/2019 2:38	1029	1029	1029	1029
5/9/2019 3:34	1029	1029	1029	1029
5/9/2019 4:37	1029	1029	1029	1029
5/9/2019 5:40	1029	1029	1029	1029
5/9/2019 6:00	1029	1029	1029	1029
5/9/2019 7:00	1029	1029	1029	1029
5/9/2019 8:00	1029	1029	1029	1030
5/9/2019 9:00	1029	1030	1029	1030
5/9/2019 10:34	1029	1030	1029	1029
5/9/2019 11:37	1029	1029	1029	1029
5/9/2019 12:00	1029	1029	1029	1029
5/9/2019 13:00	1029	1029	1029	1029
5/9/2019 14:39	1029	1029	1029	1029
5/9/2019 15:00	1029	1029	1029	1030
5/9/2019 16:00	1029	1030	1029	1030
5/9/2019 17:00	1030	1030	1030	1030
5/9/2019 18:00	1030	1030	1030	1030
5/9/2019 19:00	1030	1030	1030	1030
5/9/2019 20:00	1030	1030	1030	1030
5/9/2019 21:39	1030	1030	1030	1030
5/9/2019 22:35	1030	1030	1030	1030
5/9/2019 23:38	1030	1030	1030	1030
5/10/2019 0:55	1029	1030	1029	1029
5/10/2019 1:37	1029	1029	1029	1029
5/10/2019 2:40	1029	1029	1029	1029
5/10/2019 3:38	1028	1029	1028	1028
5/10/2019 4:39	1028	1028	1028	1028
5/10/2019 5:35	1028	1028	1028	1028
5/10/2019 6:38	1028	1028	1028	1028
5/10/2019 7:34	1028	1028	1028	1028
5/10/2019 8:37	1028	1028	1028	1028
5/10/2019 9:40	1028	1028	1028	1028
5/10/2019 10:36	1028	1028	1028	1028
5/10/2019 11:39	1027	1028	1027	1027
5/10/2019 12:35	1027	1027	1027	1027
5/10/2019 13:38	1027	1027	1027	1027
5/10/2019 14:42	1026	1027	1026	1026
5/10/2019 15:37	1026	1026	1026	1026
5/10/2019 16:40	1026	1026	1026	1026
5/10/2019 17:37	1025	1026	1025	1025
5/10/2019 18:39	1025	1025	1025	1025
5/10/2019 19:35	1025	1025	1025	1025
5/10/2019 20:38	1025	1025	1025	1025
5/10/2019 21:34	1025	1025	1025	1025
5/10/2019 22:00	1025	1025	1025	1025
5/10/2019 23:54	1025	1025	1025	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
5/11/2019 0:00	1025	1025	1025	1025
5/11/2019 1:00	1025	1025	1025	1025
5/11/2019 2:35	1025	1025	1025	1025
5/11/2019 3:00	1025	1025	1025	1025
5/11/2019 4:00	1025	1025	1025	1025
5/11/2019 5:00	1025	1025	1025	1025
5/11/2019 6:00	1025	1025	1025	1025
5/11/2019 7:00	1025	1025	1025	1025
5/11/2019 8:00	1025	1025	1025	1025
5/11/2019 9:00	1025	1025	1025	1026
5/11/2019 10:00	1025	1026	1025	1026
5/11/2019 11:00	1026	1026	1026	1026
5/11/2019 12:00	1026	1026	1026	1027
5/11/2019 13:00	1026	1027	1026	1027
5/11/2019 14:38	1027	1027	1027	1027
5/11/2019 15:39	1026	1027	1026	1026
5/11/2019 16:35	1026	1026	1026	1026
5/11/2019 17:38	1026	1026	1026	1026
5/11/2019 18:34	1025	1026	1025	1025
5/11/2019 19:37	1025	1025	1025	1025
5/11/2019 20:40	1025	1025	1025	1025
5/11/2019 21:36	1024	1025	1024	1024
5/11/2019 22:47	1024	1024	1024	1024
5/11/2019 23:35	1024	1024	1024	1024
5/12/2019 0:38	1024	1024	1024	1024
5/12/2019 1:00	1024	1024	1024	1024
5/12/2019 2:37	1024	1024	1024	1024
5/12/2019 3:40	1024	1024	1024	1024
5/12/2019 4:37	1024	1024	1024	1024
5/12/2019 5:00	1024	1024	1024	1024
5/12/2019 6:35	1024	1024	1024	1024
5/12/2019 7:38	1023	1024	1023	1023
5/12/2019 8:34	1023	1023	1023	1023
5/12/2019 9:37	1023	1023	1023	1023
5/12/2019 10:40	1022	1023	1022	1022
5/12/2019 11:36	1022	1022	1022	1022
5/12/2019 12:39	1022	1022	1022	1022
5/12/2019 13:35	1022	1022	1022	1022
5/12/2019 14:38	1022	1022	1022	1022
5/12/2019 15:00	1022	1022	1022	1022
5/12/2019 16:00	1022	1022	1022	1022
5/12/2019 17:40	1022	1022	1022	1022
5/12/2019 18:37	1022	1022	1022	1022
5/12/2019 19:39	1022	1022	1022	1022
5/12/2019 20:37	1022	1022	1022	1022
5/12/2019 21:00	1022	1022	1022	1022
5/12/2019 22:00	1022	1022	1022	1022
5/12/2019 23:00	1022	1022	1022	1022
5/13/2019 0:00	1022	1022	1022	1022
5/13/2019 1:00	1022	1022	1022	1023
5/13/2019 2:00	1022	1023	1022	1023
5/13/2019 3:00	1023	1023	1023	1023
5/13/2019 4:00	1023	1023	1023	1023
5/13/2019 5:00	1023	1023	1023	1023
5/13/2019 6:00	1023	1023	1023	1024
5/13/2019 7:00	1023	1024	1023	1024
5/13/2019 8:00	1024	1024	1024	1024
5/13/2019 9:00	1024	1024	1024	1024
5/13/2019 10:00	1024	1024	1024	1024
5/13/2019 11:38	1024	1024	1024	1024
5/13/2019 12:00	1024	1024	1024	1024
5/13/2019 13:37	1024	1024	1024	1024
5/13/2019 14:40	1023	1024	1023	1023
5/13/2019 15:36	1022	1023	1022	1022
5/13/2019 16:39	1021	1022	1021	1021
5/13/2019 17:35	1020	1021	1020	1021
5/13/2019 18:00	1020	1021	1020	1021
5/13/2019 19:00	1021	1021	1021	1022
5/13/2019 20:00	1021	1022	1021	1022
5/13/2019 21:00	1022	1022	1022	1023
5/13/2019 22:00	1022	1023	1022	1023
5/13/2019 23:00	1023	1023	1023	1023
5/14/2019 0:00	1023	1023	1023	1023
5/14/2019 1:00	1023	1023	1023	1023
5/14/2019 2:00	1023	1023	1023	1023
5/14/2019 3:37	1023	1023	1023	1023
5/14/2019 4:40	1023	1023	1023	1023
5/14/2019 5:37	1023	1023	1023	1023
5/14/2019 6:39	1023	1023	1023	1023
5/14/2019 7:00	1023	1023	1023	1023

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/14/2019 8:00	1023	1023	1023	1023
5/14/2019 9:00	1023	1023	1023	1023
5/14/2019 10:00	1023	1023	1023	1023
5/14/2019 11:40	1023	1023	1023	1023
5/14/2019 12:36	1023	1023	1023	1023
5/14/2019 13:39	1023	1023	1023	1023
5/14/2019 14:00	1023	1023	1023	1023
5/14/2019 15:38	1023	1023	1023	1023
5/14/2019 16:34	1023	1023	1023	1023
5/14/2019 17:37	1022	1023	1022	1022
5/14/2019 18:40	1021	1022	1021	1021
5/14/2019 19:36	1020	1021	1020	1020
5/14/2019 20:39	1020	1020	1020	1020
5/14/2019 21:00	1020	1020	1020	1020
5/14/2019 22:00	1020	1020	1020	1021
5/14/2019 23:00	1020	1021	1020	1021
5/15/2019 0:00	1021	1021	1021	1021
5/15/2019 1:00	1021	1021	1021	1022
5/15/2019 2:00	1021	1022	1021	1022
5/15/2019 3:39	1022	1022	1022	1022
5/15/2019 4:00	1022	1022	1022	1022
5/15/2019 5:00	1022	1022	1022	1022
5/15/2019 6:00	1022	1022	1022	1022
5/15/2019 7:00	1022	1022	1022	1022
5/15/2019 8:00	1022	1022	1022	1023
5/15/2019 9:00	1022	1023	1022	1023
5/15/2019 10:00	1023	1023	1023	1024
5/15/2019 11:00	1023	1024	1023	1024
5/15/2019 12:00	1024	1024	1024	1024
5/15/2019 13:00	1024	1024	1024	1024
5/15/2019 14:37	1024	1024	1024	1024
5/15/2019 15:40	1023	1024	1023	1023
5/15/2019 16:36	1023	1023	1023	1023
5/15/2019 17:39	1023	1023	1023	1023
5/15/2019 18:35	1022	1023	1022	1022
5/15/2019 19:38	1022	1022	1022	1022
5/15/2019 20:00	1022	1022	1022	1023
5/15/2019 21:00	1022	1023	1022	1024
5/15/2019 22:00	1023	1024	1023	1025
5/15/2019 23:00	1024	1025	1024	1025
5/16/2019 0:00	1025	1025	1025	1025
5/16/2019 1:00	1025	1025	1025	1025
5/16/2019 2:38	1025	1025	1025	1025
5/16/2019 3:34	1025	1025	1025	1025
5/16/2019 4:37	1025	1025	1025	1025
5/16/2019 5:40	1025	1025	1025	1025
5/16/2019 6:37	1024	1025	1024	1025
5/16/2019 7:00	1024	1025	1024	1025
5/16/2019 8:35	1025	1025	1025	1025
5/16/2019 9:00	1025	1025	1025	1025
5/16/2019 10:34	1025	1025	1025	1025
5/16/2019 11:37	1025	1025	1025	1025
5/16/2019 12:40	1024	1025	1024	1024
5/16/2019 13:37	1024	1024	1024	1024
5/16/2019 14:39	1024	1024	1024	1024
5/16/2019 15:35	1024	1024	1024	1024
5/16/2019 16:00	1024	1024	1024	1024
5/16/2019 17:00	1024	1024	1024	1025
5/16/2019 18:00	1024	1025	1024	1025
5/16/2019 19:00	1025	1025	1025	1025
5/16/2019 20:00	1025	1025	1025	1025
5/16/2019 21:39	1025	1025	1025	1025
5/16/2019 22:00	1025	1025	1025	1025
5/16/2019 23:38	1025	1025	1025	1025
5/17/2019 0:34	1025	1025	1025	1025
5/17/2019 1:37	1025	1025	1025	1025
5/17/2019 2:40	1025	1025	1025	1025
5/17/2019 3:36	1024	1025	1024	1024
5/17/2019 4:39	1024	1024	1024	1024
5/17/2019 5:00	1024	1024	1024	1025
5/17/2019 6:00	1024	1025	1024	1025
5/17/2019 7:00	1025	1025	1025	1026
5/17/2019 8:00	1025	1026	1025	1026
5/17/2019 9:00	1026	1026	1026	1026
5/17/2019 10:00	1026	1026	1026	1026
5/17/2019 11:00	1026	1026	1026	1027
5/17/2019 12:00	1026	1027	1026	1027
5/17/2019 13:00	1027	1027	1027	1027
5/17/2019 14:00	1027	1027	1027	1028
5/17/2019 15:00	1027	1028	1027	1028

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/17/2019 16:00	1028	1028	1028	1028
5/17/2019 17:00	1028	1028	1028	1028
5/17/2019 18:39	1028	1028	1028	1028
5/17/2019 19:35	1028	1028	1028	1028
5/17/2019 20:38	1027	1028	1027	1027
5/17/2019 21:34	1026	1027	1026	1026
5/17/2019 22:37	1026	1026	1026	1026
5/17/2019 23:00	1026	1026	1026	1027
5/18/2019 0:00	1026	1027	1026	1028
5/18/2019 1:00	1027	1028	1027	1028
5/18/2019 2:35	1028	1028	1028	1028
5/18/2019 3:38	1027	1028	1027	1027
5/18/2019 4:34	1027	1027	1027	1027
5/18/2019 5:37	1027	1027	1027	1027
5/18/2019 6:40	1027	1027	1027	1027
5/18/2019 7:00	1027	1027	1027	1027
5/18/2019 8:00	1027	1027	1027	1027
5/18/2019 9:00	1027	1027	1027	1027
5/18/2019 10:38	1027	1027	1027	1027
5/18/2019 11:34	1027	1027	1027	1027
5/18/2019 12:37	1027	1027	1027	1027
5/18/2019 13:40	1027	1027	1027	1027
5/18/2019 14:00	1027	1027	1027	1027
5/18/2019 15:00	1027	1027	1027	1027
5/18/2019 16:00	1027	1027	1027	1027
5/18/2019 17:00	1027	1027	1027	1027
5/18/2019 18:00	1027	1027	1027	1028
5/18/2019 19:00	1027	1028	1027	1028
5/18/2019 20:40	1028	1028	1028	1028
5/18/2019 21:00	1028	1028	1028	1028
5/18/2019 22:00	1028	1028	1028	1028
5/18/2019 23:35	1027	1028	1027	1027
5/19/2019 0:38	1027	1027	1027	1027
5/19/2019 1:34	1027	1027	1027	1027
5/19/2019 2:37	1027	1027	1027	1027
5/19/2019 3:40	1027	1027	1027	1027
5/19/2019 4:36	1026	1027	1026	1026
5/19/2019 5:39	1026	1026	1026	1026
5/19/2019 6:35	1026	1026	1026	1026
5/19/2019 7:38	1026	1026	1026	1026
5/19/2019 8:34	1025	1026	1025	1026
5/19/2019 9:00	1025	1026	1025	1026
5/19/2019 10:00	1026	1026	1026	1027
5/19/2019 11:00	1026	1027	1026	1027
5/19/2019 12:00	1027	1027	1027	1028
5/19/2019 13:00	1027	1028	1027	1028
5/19/2019 14:00	1028	1028	1028	1028
5/19/2019 15:00	1028	1028	1028	1028
5/19/2019 16:00	1028	1028	1028	1028
5/19/2019 17:00	1028	1028	1028	1028
5/19/2019 18:00	1028	1028	1028	1029
5/19/2019 19:00	1028	1029	1028	1029
5/19/2019 20:00	1029	1029	1029	1029
5/19/2019 21:00	1029	1029	1029	1029
5/19/2019 22:00	1029	1029	1029	1029
5/19/2019 23:00	1029	1029	1029	1029
5/20/2019 0:00	1029	1029	1029	1029
5/20/2019 1:36	1029	1029	1029	1029
5/20/2019 2:39	1028	1029	1028	1028
5/20/2019 3:35	1027	1028	1027	1027
5/20/2019 4:38	1026	1027	1026	1026
5/20/2019 5:00	1026	1026	1026	1029
5/20/2019 6:00	1026	1029	1026	1030
5/20/2019 7:00	1029	1030	1029	1031
5/20/2019 8:00	1030	1031	1030	1031
5/20/2019 9:00	1031	1031	1031	1031
5/20/2019 10:00	1031	1031	1031	1031
5/20/2019 11:00	1031	1031	1031	1031
5/20/2019 12:00	1031	1031	1031	1032
5/20/2019 13:00	1031	1032	1031	1032
5/20/2019 14:00	1032	1032	1032	1032
5/20/2019 15:00	1032	1032	1032	1032
5/20/2019 16:39	1032	1032	1032	1032
5/20/2019 17:35	1032	1032	1032	1032
5/20/2019 18:38	1032	1032	1032	1032
5/20/2019 19:48	1031	1032	1031	1031
5/20/2019 20:00	1031	1031	1031	1031
5/20/2019 21:40	1028	1031	1028	1028
5/20/2019 22:36	1028	1028	1028	1028
5/20/2019 23:39	1028	1028	1028	1028

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/21/2019 0:00	1028	1028	1028	1028
5/21/2019 1:00	1028	1028	1028	1029
5/21/2019 2:00	1028	1029	1028	1029
5/21/2019 3:00	1029	1029	1029	1031
5/21/2019 4:00	1029	1031	1029	1032
5/21/2019 5:00	1031	1032	1031	1032
5/21/2019 6:00	1032	1032	1032	1032
5/21/2019 7:00	1032	1032	1032	1032
5/21/2019 8:00	1032	1032	1032	1032
5/21/2019 9:34	1032	1032	1032	1032
5/21/2019 10:37	1032	1032	1032	1032
5/21/2019 11:40	1031	1032	1031	1031
5/21/2019 12:36	1031	1031	1031	1031
5/21/2019 13:39	1031	1031	1031	1031
5/21/2019 14:35	1031	1031	1031	1031
5/21/2019 15:38	1031	1031	1031	1031
5/21/2019 16:00	1031	1031	1031	1031
5/21/2019 17:00	1031	1031	1031	1031
5/21/2019 18:00	1031	1031	1031	1031
5/21/2019 19:36	1030	1031	1030	1030
5/21/2019 20:39	1029	1030	1029	1029
5/21/2019 21:35	1028	1029	1028	1028
5/21/2019 22:38	1027	1028	1027	1027
5/21/2019 23:34	1027	1027	1027	1027
5/22/2019 0:37	1027	1027	1027	1027
5/22/2019 1:00	1027	1027	1027	1027
5/22/2019 2:00	1027	1027	1027	1028
5/22/2019 3:00	1027	1028	1027	1029
5/22/2019 4:00	1028	1029	1028	1030
5/22/2019 5:00	1029	1030	1029	1031
5/22/2019 6:00	1030	1031	1030	1031
5/22/2019 7:00	1031	1031	1031	1031
5/22/2019 8:00	1031	1031	1031	1031
5/22/2019 9:00	1031	1031	1031	1031
5/22/2019 10:00	1031	1031	1031	1032
5/22/2019 11:00	1031	1032	1031	1032
5/22/2019 12:00	1032	1032	1032	1032
5/22/2019 13:00	1032	1032	1032	1032
5/22/2019 14:00	1032	1032	1032	1032
5/22/2019 15:40	1032	1032	1032	1032
5/22/2019 16:00	1032	1032	1032	1032
5/22/2019 17:00	1032	1032	1032	1032
5/22/2019 18:00	1032	1032	1032	1032
5/22/2019 19:38	1032	1032	1032	1032
5/22/2019 20:34	1032	1032	1032	1032
5/22/2019 21:37	1031	1032	1031	1031
5/22/2019 22:40	1030	1031	1030	1030
5/22/2019 23:38	1029	1030	1029	1029
5/23/2019 0:39	1028	1029	1028	1028
5/23/2019 1:35	1028	1028	1028	1028
5/23/2019 2:00	1028	1028	1028	1028
5/23/2019 3:07	1027	1028	1027	1028
5/23/2019 4:00	1028	1028	1028	1028
5/23/2019 5:00	1028	1028	1028	1029
5/23/2019 6:00	1028	1029	1028	1030
5/23/2019 7:00	1029	1030	1029	1031
5/23/2019 8:00	1030	1031	1030	1032
5/23/2019 9:00	1031	1032	1031	1032
5/23/2019 10:00	1032	1032	1032	1032
5/23/2019 11:37	1032	1032	1032	1032
5/23/2019 12:40	1032	1032	1032	1032
5/23/2019 13:00	1032	1032	1032	1032
5/23/2019 14:00	1032	1032	1032	1032
5/23/2019 15:00	1032	1032	1032	1032
5/23/2019 16:38	1032	1032	1032	1032
5/23/2019 17:34	1032	1032	1032	1032
5/23/2019 18:37	1032	1032	1032	1032
5/23/2019 19:40	1032	1032	1032	1032
5/23/2019 20:44	1032	1032	1032	1032
5/23/2019 21:39	1032	1032	1032	1032
5/23/2019 22:35	1032	1032	1032	1032
5/23/2019 23:39	1032	1032	1032	1032
5/24/2019 0:34	1031	1032	1031	1031
5/24/2019 1:38	1030	1031	1030	1030
5/24/2019 2:40	1030	1030	1030	1030
5/24/2019 3:38	1029	1030	1029	1029
5/24/2019 4:00	1029	1029	1029	1029
5/24/2019 5:00	1029	1029	1029	1030
5/24/2019 6:00	1029	1030	1029	1030
5/24/2019 7:34	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
5/24/2019 8:38	1030	1030	1030	1030
5/24/2019 9:40	1029	1030	1029	1029
5/24/2019 10:36	1028	1029	1028	1028
5/24/2019 11:39	1027	1028	1027	1028
5/24/2019 12:00	1027	1028	1027	1029
5/24/2019 13:00	1028	1029	1028	1031
5/24/2019 14:00	1029	1031	1029	1032
5/24/2019 15:00	1031	1032	1031	1032
5/24/2019 16:00	1032	1032	1032	1033
5/24/2019 17:00	1032	1033	1032	1033
5/24/2019 18:00	1033	1033	1033	1034
5/24/2019 19:00	1033	1034	1033	1034
5/24/2019 20:38	1034	1034	1034	1034
5/24/2019 21:34	1033	1034	1033	1033
5/24/2019 22:38	1033	1033	1033	1033
5/24/2019 23:40	1033	1033	1033	1033
5/25/2019 0:39	1032	1033	1032	1032
5/25/2019 1:39	1031	1032	1031	1031
5/25/2019 2:35	1030	1031	1030	1030
5/25/2019 3:38	1030	1030	1030	1030
5/25/2019 4:34	1029	1030	1029	1029
5/25/2019 5:38	1029	1029	1029	1029
5/25/2019 6:40	1029	1029	1029	1029
5/25/2019 7:38	1029	1029	1029	1029
5/25/2019 8:00	1029	1029	1029	1031
5/25/2019 9:00	1029	1031	1029	1033
5/25/2019 10:00	1031	1033	1031	1033
5/25/2019 11:00	1033	1033	1033	1033
5/25/2019 12:38	1033	1033	1033	1033
5/25/2019 13:40	1033	1033	1033	1033
5/25/2019 14:38	1033	1033	1033	1033
5/25/2019 15:39	1033	1033	1033	1033
5/25/2019 16:35	1033	1033	1033	1033
5/25/2019 17:39	1032	1033	1032	1032
5/25/2019 18:00	1032	1032	1032	1032
5/25/2019 19:37	1032	1032	1032	1032
5/25/2019 20:00	1032	1032	1032	1032
5/25/2019 21:00	1032	1032	1032	1032
5/25/2019 22:00	1032	1032	1032	1033
5/25/2019 23:00	1032	1033	1032	1033
5/26/2019 0:39	1032	1033	1032	1032
5/26/2019 1:34	1032	1032	1032	1032
5/26/2019 2:38	1032	1032	1032	1032
5/26/2019 3:40	1032	1032	1032	1032
5/26/2019 4:38	1032	1032	1032	1032
5/26/2019 5:00	1032	1032	1032	1032
5/26/2019 6:00	1032	1032	1032	1032
5/26/2019 7:00	1032	1032	1032	1033
5/26/2019 8:00	1032	1033	1032	1033
5/26/2019 9:00	1033	1033	1033	1033
5/26/2019 10:40	1033	1033	1033	1033
5/26/2019 11:39	1033	1033	1033	1033
5/26/2019 12:39	1032	1033	1032	1032
5/26/2019 13:44	1032	1032	1032	1032
5/26/2019 14:38	1031	1032	1031	1031
5/26/2019 15:34	1030	1031	1030	1030
5/26/2019 16:39	1029	1030	1029	1029
5/26/2019 17:40	1028	1029	1028	1028
5/26/2019 18:37	1028	1028	1028	1028
5/26/2019 19:00	1028	1028	1028	1029
5/26/2019 20:00	1028	1029	1028	1029
5/26/2019 21:00	1029	1029	1029	1029
5/26/2019 22:00	1029	1029	1029	1029
5/26/2019 23:39	1029	1029	1029	1029
5/27/2019 0:40	1029	1029	1029	1029
5/27/2019 1:00	1029	1029	1029	1029
5/27/2019 2:39	1029	1029	1029	1029
5/27/2019 3:35	1029	1029	1029	1029
5/27/2019 4:38	1028	1029	1028	1028
5/27/2019 5:34	1028	1028	1028	1028
5/27/2019 6:37	1028	1028	1028	1028
5/27/2019 7:40	1028	1028	1028	1028
5/27/2019 8:36	1028	1028	1028	1028
5/27/2019 9:00	1028	1028	1028	1028
5/27/2019 10:00	1028	1028	1028	1028
5/27/2019 11:00	1028	1028	1028	1029
5/27/2019 12:00	1028	1029	1028	1030
5/27/2019 13:00	1029	1030	1029	1031
5/27/2019 14:00	1030	1031	1030	1031
5/27/2019 15:00	1031	1031	1031	1031

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/27/2019 16:00	1031	1031	1031	1031
5/27/2019 17:35	1031	1031	1031	1031
5/27/2019 18:38	1031	1031	1031	1031
5/27/2019 19:34	1031	1031	1031	1031
5/27/2019 20:37	1031	1031	1031	1031
5/27/2019 21:40	1031	1031	1031	1031
5/27/2019 22:37	1031	1031	1031	1031
5/27/2019 23:00	1031	1031	1031	1031
5/28/2019 0:00	1031	1031	1031	1031
5/28/2019 1:00	1031	1031	1031	1031
5/28/2019 2:00	1031	1031	1031	1031
5/28/2019 3:00	1031	1031	1031	1031
5/28/2019 4:00	1031	1031	1031	1031
5/28/2019 5:00	1031	1031	1031	1032
5/28/2019 6:00	1031	1032	1031	1032
5/28/2019 7:35	1031	1032	1031	1031
5/28/2019 8:38	1031	1031	1031	1031
5/28/2019 9:34	1031	1031	1031	1031
5/28/2019 10:37	1031	1031	1031	1031
5/28/2019 11:40	1031	1031	1031	1031
5/28/2019 12:00	1031	1031	1031	1031
5/28/2019 13:39	1031	1031	1031	1031
5/28/2019 14:35	1031	1031	1031	1031
5/28/2019 15:38	1030	1031	1030	1030
5/28/2019 16:34	1029	1030	1029	1029
5/28/2019 17:37	1029	1029	1029	1029
5/28/2019 18:40	1029	1029	1029	1029
5/28/2019 19:37	1029	1029	1029	1029
5/28/2019 20:39	1028	1029	1028	1028
5/28/2019 21:35	1028	1028	1028	1028
5/28/2019 22:38	1028	1028	1028	1028
5/28/2019 23:00	1028	1028	1028	1029
5/29/2019 0:00	1028	1029	1028	1029
5/29/2019 1:00	1029	1029	1029	1029
5/29/2019 2:00	1029	1029	1029	1029
5/29/2019 3:39	1028	1029	1028	1029
5/29/2019 4:00	1028	1029	1028	1029
5/29/2019 5:00	1029	1029	1029	1029
5/29/2019 6:00	1029	1029	1029	1029
5/29/2019 7:00	1029	1029	1029	1029
5/29/2019 8:00	1029	1029	1029	1029
5/29/2019 9:37	1029	1029	1029	1029
5/29/2019 10:00	1029	1029	1029	1030
5/29/2019 11:00	1029	1030	1029	1031
5/29/2019 12:00	1030	1031	1030	1031
5/29/2019 13:00	1031	1031	1031	1031
5/29/2019 14:00	1031	1031	1031	1031
5/29/2019 15:40	1031	1031	1031	1031
5/29/2019 16:37	1030	1031	1030	1030
5/29/2019 17:39	1030	1030	1030	1030
5/29/2019 18:35	1030	1030	1030	1030
5/29/2019 19:00	1030	1030	1030	1030
5/29/2019 20:00	1030	1030	1030	1030
5/29/2019 21:00	1030	1030	1030	1030
5/29/2019 22:40	1030	1030	1030	1030
5/29/2019 23:00	1030	1030	1030	1030
5/30/2019 0:39	1030	1030	1030	1030
5/30/2019 1:00	1030	1030	1030	1030
5/30/2019 2:38	1030	1030	1030	1030
5/30/2019 3:34	1030	1030	1030	1030
5/30/2019 4:00	1030	1030	1030	1030
5/30/2019 5:40	1029	1030	1029	1029
5/30/2019 6:37	1029	1029	1029	1029
5/30/2019 7:39	1028	1029	1028	1028
5/30/2019 8:35	1028	1028	1028	1028
5/30/2019 9:38	1027	1028	1027	1027
5/30/2019 10:34	1026	1027	1026	1026
5/30/2019 11:37	1026	1026	1026	1026
5/30/2019 12:40	1025	1026	1025	1025
5/30/2019 13:37	1024	1025	1024	1024
5/30/2019 14:39	1022	1024	1022	1022
5/30/2019 15:35	1022	1022	1022	1022
5/30/2019 16:00	1022	1022	1022	1025
5/30/2019 17:00	1022	1025	1022	1027
5/30/2019 18:00	1025	1027	1025	1028
5/30/2019 19:00	1027	1028	1027	1028
5/30/2019 20:36	1028	1028	1028	1028
5/30/2019 21:39	1028	1028	1028	1028
5/30/2019 22:35	1028	1028	1028	1028
5/30/2019 23:38	1027	1028	1027	1027

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Date/Time	Viking Gas Transmission (Fargo)		Williston Basin Interstate (Mapleton)	
	Min BTU	Max BTU	Min BTU	Max BTU
5/31/2019 0:34	1027	1027	1027	1027
5/31/2019 1:38	1027	1027	1027	1027
5/31/2019 2:40	1027	1027	1027	1027
5/31/2019 3:37	1027	1027	1027	1027
5/31/2019 4:39	1027	1027	1027	1027
5/31/2019 5:35	1026	1027	1026	1026
5/31/2019 6:38	1026	1026	1026	1026
5/31/2019 7:00	1026	1026	1026	1026
5/31/2019 8:00	1026	1026	1026	1027
5/31/2019 9:00	1026	1027	1026	1028
5/31/2019 10:00	1027	1028	1027	1028
5/31/2019 11:00	1028	1028	1028	1028
5/31/2019 12:35	1028	1028	1028	1028
5/31/2019 13:38	1027	1028	1027	1027
5/31/2019 14:34	1027	1027	1027	1027
5/31/2019 15:37	1027	1027	1027	1027
5/31/2019 16:40	1027	1027	1027	1027
5/31/2019 17:36	1027	1027	1027	1027
5/31/2019 18:00	1027	1027	1027	1027
5/31/2019 19:00	1027	1027	1027	1027
5/31/2019 20:00	1027	1027	1027	1027
5/31/2019 21:00	1027	1027	1027	1027
5/31/2019 22:00	1027	1027	1027	1027
5/31/2019 23:00	1027	1027	1027	1027