

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|-----------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/1/2013 10:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 11:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 12:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 13:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 14:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 15:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 16:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 17:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 18:00 | 1015 | 1015 | 1200 | 1200 |
| 10/1/2013 19:00 | 1015 | 1016 | 1200 | 1200 |
| 10/1/2013 20:00 | 1016 | 1016 | 1200 | 1200 |
| 10/1/2013 21:00 | 1016 | 1016 | 1200 | 1200 |
| 10/1/2013 22:00 | 1015 | 1016 | 1200 | 1200 |
| 10/1/2013 23:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 0:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 1:00 | 1015 | 1015 | 1197 | 1200 |
| 10/2/2013 2:00 | 1015 | 1015 | 1196 | 1200 |
| 10/2/2013 3:00 | 1015 | 1015 | 1196 | 1199 |
| 10/2/2013 4:00 | 1015 | 1015 | 1199 | 1200 |
| 10/2/2013 5:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 6:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 7:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 8:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 9:00 | 1014 | 1015 | 1200 | 1200 |
| 10/2/2013 10:00 | 1014 | 1015 | 1200 | 1200 |
| 10/2/2013 11:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 12:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 13:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 14:00 | 1014 | 1015 | 1200 | 1200 |
| 10/2/2013 15:00 | 1014 | 1014 | 1200 | 1200 |
| 10/2/2013 16:00 | 1014 | 1014 | 1200 | 1200 |
| 10/2/2013 17:00 | 1014 | 1014 | 1200 | 1200 |
| 10/2/2013 18:00 | 1014 | 1014 | 1199 | 1200 |
| 10/2/2013 19:00 | 1014 | 1014 | 1199 | 1200 |
| 10/2/2013 20:00 | 1014 | 1015 | 1200 | 1200 |
| 10/2/2013 21:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 22:00 | 1015 | 1015 | 1200 | 1200 |
| 10/2/2013 23:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 0:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 1:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 2:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 3:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 4:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 5:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 6:00 | 1014 | 1015 | 1200 | 1200 |
| 10/3/2013 7:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 8:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 9:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 10:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 11:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 12:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 13:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 14:00 | 1014 | 1014 | 1200 | 1200 |
| 10/3/2013 15:00 | 1014 | 1015 | 1200 | 1200 |
| 10/3/2013 16:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 17:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 18:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 19:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 20:00 | 1015 | 1015 | 1200 | 1200 |

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|-----------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/3/2013 21:00 | 1015 | 1015 | 1200 | 1200 |

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| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|-----------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/3/2013 22:00 | 1015 | 1015 | 1200 | 1200 |
| 10/3/2013 23:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 0:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 1:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 2:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 3:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 4:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 5:00 | 1015 | 1015 | 1199 | 1200 |
| 10/4/2013 6:00 | 1015 | 1015 | 1198 | 1199 |
| 10/4/2013 7:00 | 1015 | 1015 | 1198 | 1200 |
| 10/4/2013 8:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 9:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 10:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 11:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 12:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 13:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 14:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 15:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 16:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 17:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 18:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 19:00 | 1015 | 1015 | 1199 | 1200 |
| 10/4/2013 20:00 | 1015 | 1015 | 1194 | 1199 |
| 10/4/2013 21:00 | 1015 | 1015 | 1194 | 1200 |
| 10/4/2013 22:00 | 1015 | 1015 | 1200 | 1200 |
| 10/4/2013 23:00 | 1015 | 1015 | 1200 | 1200 |
| 10/5/2013 0:00 | 1015 | 1015 | 1199 | 1200 |
| 10/5/2013 1:00 | 1015 | 1016 | 1197 | 1200 |
| 10/5/2013 2:00 | 1015 | 1016 | 1197 | 1200 |
| 10/5/2013 3:00 | 1015 | 1015 | 1197 | 1197 |
| 10/5/2013 4:00 | 1015 | 1016 | 1197 | 1199 |
| 10/5/2013 5:00 | 1016 | 1016 | 1198 | 1200 |
| 10/5/2013 6:00 | 1016 | 1016 | 1199 | 1200 |
| 10/5/2013 7:00 | 1016 | 1016 | 1199 | 1200 |
| 10/5/2013 8:00 | 1016 | 1016 | 1199 | 1200 |
| 10/5/2013 9:00 | 1015 | 1016 | 1197 | 1200 |
| 10/5/2013 10:00 | 1015 | 1015 | 1194 | 1199 |
| 10/5/2013 11:00 | 1015 | 1015 | 1194 | 1198 |
| 10/5/2013 12:00 | 1014 | 1015 | 1198 | 1200 |
| 10/5/2013 13:00 | 1012 | 1014 | 1198 | 1200 |
| 10/5/2013 14:00 | 1011 | 1012 | 1199 | 1199 |
| 10/5/2013 15:00 | 1011 | 1011 | 1197 | 1199 |
| 10/5/2013 16:00 | 1011 | 1011 | 1197 | 1200 |
| 10/5/2013 17:00 | 1011 | 1011 | 1198 | 1200 |
| 10/5/2013 18:00 | 1010 | 1011 | 1200 | 1200 |
| 10/5/2013 19:00 | 1010 | 1010 | 1194 | 1200 |
| 10/5/2013 20:00 | 1009 | 1010 | 1194 | 1199 |
| 10/5/2013 21:00 | 1009 | 1009 | 1198 | 1199 |
| 10/5/2013 22:00 | 1009 | 1009 | 1198 | 1199 |
| 10/5/2013 23:00 | 1009 | 1009 | 1180 | 1198 |
| 10/6/2013 0:00 | 1009 | 1009 | 1179 | 1182 |
| 10/6/2013 1:00 | 1009 | 1009 | 1179 | 1187 |
| 10/6/2013 2:00 | 1009 | 1009 | 1184 | 1187 |
| 10/6/2013 3:00 | 1009 | 1009 | 1182 | 1184 |
| 10/6/2013 4:00 | 1009 | 1010 | 1183 | 1184 |
| 10/6/2013 5:00 | 1010 | 1010 | 1183 | 1188 |
| 10/6/2013 6:00 | 1010 | 1010 | 1188 | 1190 |
| 10/6/2013 7:00 | 1010 | 1010 | 1190 | 1195 |
| 10/6/2013 8:00 | 1010 | 1010 | 1195 | 1196 |

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|-----------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/6/2013 9:00 | 1010 | 1010 | 1195 | 1200 |
| 10/6/2013 10:00 | 1010 | 1010 | 1200 | 1200 |
| 10/6/2013 11:00 | 1010 | 1011 | 1200 | 1200 |
| 10/6/2013 12:00 | 1011 | 1011 | 1199 | 1200 |
| 10/6/2013 13:00 | 1011 | 1011 | 1192 | 1200 |
| 10/6/2013 14:00 | 1010 | 1011 | 1192 | 1193 |
| 10/6/2013 15:00 | 1010 | 1010 | 1189 | 1192 |
| 10/6/2013 16:00 | 1009 | 1010 | 1189 | 1189 |
| 10/6/2013 17:00 | 1009 | 1009 | 1183 | 1189 |
| 10/6/2013 18:00 | 1008 | 1009 | 1180 | 1184 |
| 10/6/2013 19:00 | 1008 | 1008 | 1176 | 1180 |
| 10/6/2013 20:00 | 1008 | 1008 | 1176 | 1182 |
| 10/6/2013 21:00 | 1008 | 1008 | 1180 | 1182 |
| 10/6/2013 22:00 | 1007 | 1008 | 1181 | 1184 |
| 10/6/2013 23:00 | 1007 | 1007 | 1183 | 1194 |
| 10/7/2013 0:00 | 1007 | 1007 | 1194 | 1200 |
| 10/7/2013 1:00 | 1007 | 1008 | 1200 | 1200 |
| 10/7/2013 2:00 | 1008 | 1008 | 1200 | 1200 |
| 10/7/2013 3:00 | 1008 | 1009 | 1200 | 1200 |
| 10/7/2013 4:00 | 1009 | 1009 | 1199 | 1200 |
| 10/7/2013 5:00 | 1009 | 1009 | 1199 | 1200 |
| 10/7/2013 6:00 | 1009 | 1009 | 1200 | 1200 |
| 10/7/2013 7:00 | 1009 | 1009 | 1200 | 1200 |
| 10/7/2013 8:00 | 1009 | 1009 | 1200 | 1200 |
| 10/7/2013 9:00 | 1008 | 1009 | 1198 | 1200 |
| 10/7/2013 10:00 | 1008 | 1008 | 1194 | 1198 |
| 10/7/2013 11:00 | 1008 | 1008 | 1193 | 1194 |
| 10/7/2013 12:00 | 1008 | 1008 | 1192 | 1194 |
| 10/7/2013 13:00 | 1008 | 1008 | 1192 | 1193 |
| 10/7/2013 14:00 | 1008 | 1008 | 1192 | 1196 |
| 10/7/2013 15:00 | 1008 | 1008 | 1193 | 1200 |
| 10/7/2013 16:00 | 1008 | 1008 | 1199 | 1200 |
| 10/7/2013 17:00 | 1008 | 1008 | 1197 | 1199 |
| 10/7/2013 18:00 | 1008 | 1008 | 1197 | 1199 |
| 10/7/2013 19:00 | 1008 | 1008 | 1197 | 1199 |
| 10/7/2013 20:00 | 1008 | 1008 | 1199 | 1199 |
| 10/7/2013 21:00 | 1008 | 1008 | 1198 | 1199 |
| 10/7/2013 22:00 | 1008 | 1008 | 1196 | 1198 |
| 10/7/2013 23:00 | 1008 | 1008 | 1195 | 1196 |
| 10/8/2013 0:00 | 1008 | 1008 | 1196 | 1199 |
| 10/8/2013 1:00 | 1008 | 1008 | 1198 | 1200 |
| 10/8/2013 2:00 | 1008 | 1008 | 1200 | 1200 |
| 10/8/2013 3:00 | 1008 | 1008 | 1200 | 1200 |
| 10/8/2013 4:00 | 1007 | 1008 | 1200 | 1200 |
| 10/8/2013 5:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 6:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 7:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 8:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 9:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 10:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 11:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 12:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 13:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 14:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 15:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 16:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 17:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 18:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 19:00 | 1007 | 1007 | 1200 | 1200 |

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| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/8/2013 20:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 21:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 22:00 | 1007 | 1007 | 1200 | 1200 |
| 10/8/2013 23:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 0:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 1:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 2:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 3:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 4:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 5:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 6:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 7:00 | 1007 | 1007 | 1200 | 1200 |
| 10/9/2013 8:00 | 1007 | 1008 | 1200 | 1200 |
| 10/9/2013 9:00 | 1008 | 1009 | 1200 | 1200 |
| 10/9/2013 10:00 | 1009 | 1009 | 1200 | 1200 |
| 10/9/2013 11:00 | 1009 | 1009 | 1200 | 1200 |
| 10/9/2013 12:00 | 1009 | 1010 | 1200 | 1200 |
| 10/9/2013 13:00 | 1010 | 1010 | 1200 | 1200 |
| 10/9/2013 14:00 | 1009 | 1010 | 1200 | 1200 |
| 10/9/2013 15:00 | 1009 | 1009 | 1200 | 1200 |
| 10/9/2013 16:00 | 1009 | 1009 | 1200 | 1200 |
| 10/9/2013 17:00 | 1009 | 1009 | 1200 | 1200 |
| 10/9/2013 18:00 | 1009 | 1009 | 1200 | 1200 |
| 10/9/2013 19:00 | 1009 | 1009 | 1200 | 1200 |
| 10/9/2013 20:00 | 1009 | 1010 | 1200 | 1200 |
| 10/9/2013 21:00 | 1010 | 1010 | 1200 | 1200 |
| 10/9/2013 22:00 | 1010 | 1011 | 1200 | 1200 |
| 10/9/2013 23:00 | 1011 | 1011 | 1200 | 1200 |
| 10/10/2013 0:00 | 1011 | 1012 | 1200 | 1200 |
| 10/10/2013 1:00 | 1012 | 1013 | 1200 | 1200 |
| 10/10/2013 2:00 | 1013 | 1013 | 1200 | 1200 |
| 10/10/2013 3:00 | 1013 | 1013 | 1200 | 1200 |
| 10/10/2013 4:00 | 1013 | 1013 | 1200 | 1200 |
| 10/10/2013 5:00 | 1013 | 1013 | 1200 | 1200 |
| 10/10/2013 6:00 | 1013 | 1014 | 1200 | 1200 |
| 10/10/2013 7:00 | 1014 | 1014 | 1189 | 1200 |
| 10/10/2013 8:00 | 1014 | 1014 | 1187 | 1189 |
| 10/10/2013 9:00 | 1014 | 1014 | 1182 | 1187 |
| 10/10/2013 10:00 | 1014 | 1014 | 1178 | 1182 |
| 10/10/2013 11:00 | 1014 | 1015 | 1178 | 1185 |
| 10/10/2013 12:00 | 1015 | 1015 | 1185 | 1186 |
| 10/10/2013 13:00 | 1015 | 1016 | 1184 | 1186 |
| 10/10/2013 14:00 | 1016 | 1016 | 1184 | 1187 |
| 10/10/2013 15:00 | 1016 | 1016 | 1185 | 1188 |
| 10/10/2013 16:00 | 1016 | 1016 | 1188 | 1200 |
| 10/10/2013 17:00 | 1016 | 1016 | 1196 | 1200 |
| 10/10/2013 18:00 | 1016 | 1016 | 1200 | 1200 |
| 10/10/2013 19:00 | 1016 | 1016 | 1200 | 1200 |
| 10/10/2013 20:00 | 1016 | 1016 | 1200 | 1200 |
| 10/10/2013 21:00 | 1015 | 1016 | 1200 | 1200 |
| 10/10/2013 22:00 | 1015 | 1015 | 1200 | 1200 |
| 10/10/2013 23:00 | 1015 | 1015 | 1200 | 1200 |
| 10/11/2013 0:00 | 1015 | 1015 | 1200 | 1200 |
| 10/11/2013 1:00 | 1015 | 1015 | 1200 | 1200 |
| 10/11/2013 2:00 | 1014 | 1015 | 1200 | 1200 |
| 10/11/2013 3:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 4:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 5:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 6:00 | 1014 | 1014 | 1200 | 1200 |

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|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/11/2013 7:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 8:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 9:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 10:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 11:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 12:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 13:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 14:00 | 1014 | 1015 | 1200 | 1200 |
| 10/11/2013 15:00 | 1014 | 1015 | 1200 | 1200 |
| 10/11/2013 16:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 17:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 18:00 | 1014 | 1014 | 1200 | 1200 |
| 10/11/2013 19:00 | 1014 | 1015 | 1200 | 1200 |
| 10/11/2013 20:00 | 1015 | 1015 | 1200 | 1200 |
| 10/11/2013 21:00 | 1015 | 1015 | 1200 | 1200 |
| 10/11/2013 22:00 | 1015 | 1016 | 1200 | 1200 |
| 10/11/2013 23:00 | 1016 | 1016 | 1197 | 1200 |
| 10/12/2013 0:00 | 1016 | 1016 | 1200 | 1200 |
| 10/12/2013 1:00 | 1016 | 1016 | 1200 | 1200 |
| 10/12/2013 2:00 | 1016 | 1016 | 1200 | 1200 |
| 10/12/2013 3:00 | 1016 | 1016 | 1200 | 1200 |
| 10/12/2013 4:00 | 1016 | 1017 | 1200 | 1200 |
| 10/12/2013 5:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 6:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 7:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 8:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 9:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 10:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 11:00 | 1017 | 1017 | 1197 | 1200 |
| 10/12/2013 12:00 | 1017 | 1017 | 1197 | 1200 |
| 10/12/2013 13:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 14:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 15:00 | 1017 | 1017 | 1200 | 1200 |
| 10/12/2013 16:00 | 1017 | 1017 | 1199 | 1200 |
| 10/12/2013 17:00 | 1016 | 1017 | 1199 | 1200 |
| 10/12/2013 18:00 | 1016 | 1016 | 1198 | 1200 |
| 10/12/2013 19:00 | 1016 | 1016 | 1198 | 1199 |
| 10/12/2013 20:00 | 1015 | 1016 | 1196 | 1198 |
| 10/12/2013 21:00 | 1015 | 1015 | 1196 | 1199 |
| 10/12/2013 22:00 | 1015 | 1015 | 1199 | 1199 |
| 10/12/2013 23:00 | 1015 | 1015 | 1199 | 1200 |
| 10/13/2013 0:00 | 1014 | 1015 | 1197 | 1200 |
| 10/13/2013 1:00 | 1014 | 1014 | 1197 | 1198 |
| 10/13/2013 2:00 | 1014 | 1014 | 1196 | 1199 |
| 10/13/2013 3:00 | 1014 | 1014 | 1197 | 1199 |
| 10/13/2013 4:00 | 1014 | 1014 | 1197 | 1199 |
| 10/13/2013 5:00 | 1014 | 1015 | 1197 | 1199 |
| 10/13/2013 6:00 | 1015 | 1015 | 1196 | 1197 |
| 10/13/2013 7:00 | 1015 | 1015 | 1197 | 1199 |
| 10/13/2013 8:00 | 1015 | 1015 | 1197 | 1198 |
| 10/13/2013 9:00 | 1015 | 1015 | 1198 | 1198 |
| 10/13/2013 10:00 | 1015 | 1015 | 1198 | 1200 |
| 10/13/2013 11:00 | 1015 | 1015 | 1200 | 1200 |
| 10/13/2013 12:00 | 1015 | 1015 | 1199 | 1200 |
| 10/13/2013 13:00 | 1015 | 1015 | 1199 | 1200 |
| 10/13/2013 14:00 | 1015 | 1015 | 1196 | 1199 |
| 10/13/2013 15:00 | 1015 | 1015 | 1196 | 1198 |
| 10/13/2013 16:00 | 1015 | 1015 | 1196 | 1196 |
| 10/13/2013 17:00 | 1015 | 1015 | 1196 | 1197 |

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| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/13/2013 18:00 | 1015 | 1015 | 1195 | 1196 |
| 10/13/2013 19:00 | 1015 | 1015 | 1195 | 1198 |
| 10/13/2013 20:00 | 1015 | 1015 | 1196 | 1198 |
| 10/13/2013 21:00 | 1015 | 1015 | 1196 | 1197 |
| 10/13/2013 22:00 | 1015 | 1015 | 1183 | 1197 |
| 10/13/2013 23:00 | 1015 | 1015 | 1183 | 1189 |
| 10/14/2013 0:00 | 1015 | 1015 | 1189 | 1196 |
| 10/14/2013 1:00 | 1015 | 1015 | 1195 | 1198 |
| 10/14/2013 2:00 | 1015 | 1015 | 1195 | 1198 |
| 10/14/2013 3:00 | 1015 | 1015 | 1195 | 1198 |
| 10/14/2013 4:00 | 1015 | 1015 | 1196 | 1198 |
| 10/14/2013 5:00 | 1015 | 1015 | 1197 | 1198 |
| 10/14/2013 6:00 | 1015 | 1015 | 1197 | 1198 |
| 10/14/2013 7:00 | 1015 | 1015 | 1197 | 1199 |
| 10/14/2013 8:00 | 1015 | 1015 | 1196 | 1199 |
| 10/14/2013 9:00 | 1015 | 1015 | 1190 | 1196 |
| 10/14/2013 10:00 | 1015 | 1015 | 1194 | 1196 |
| 10/14/2013 11:00 | 1015 | 1015 | 1194 | 1196 |
| 10/14/2013 12:00 | 1015 | 1015 | 1195 | 1196 |
| 10/14/2013 13:00 | 1015 | 1015 | 1195 | 1197 |
| 10/14/2013 14:00 | 1015 | 1015 | 1196 | 1197 |
| 10/14/2013 15:00 | 1015 | 1015 | 1196 | 1197 |
| 10/14/2013 16:00 | 1014 | 1015 | 1194 | 1196 |
| 10/14/2013 17:00 | 1014 | 1014 | 1194 | 1195 |
| 10/14/2013 18:00 | 1014 | 1015 | 1193 | 1195 |
| 10/14/2013 19:00 | 1014 | 1015 | 1190 | 1194 |
| 10/14/2013 20:00 | 1014 | 1014 | 1182 | 1190 |
| 10/14/2013 21:00 | 1014 | 1014 | 1180 | 1182 |
| 10/14/2013 22:00 | 1014 | 1014 | 1181 | 1182 |
| 10/14/2013 23:00 | 1014 | 1014 | 1181 | 1185 |
| 10/15/2013 0:00 | 1013 | 1014 | 1184 | 1185 |
| 10/15/2013 1:00 | 1013 | 1013 | 1181 | 1185 |
| 10/15/2013 2:00 | 1013 | 1013 | 1183 | 1186 |
| 10/15/2013 3:00 | 1013 | 1013 | 1185 | 1187 |
| 10/15/2013 4:00 | 1013 | 1013 | 1185 | 1186 |
| 10/15/2013 5:00 | 1013 | 1013 | 1182 | 1185 |
| 10/15/2013 6:00 | 1013 | 1014 | 1181 | 1182 |
| 10/15/2013 7:00 | 1014 | 1014 | 1179 | 1181 |
| 10/15/2013 8:00 | 1013 | 1014 | 1180 | 1181 |
| 10/15/2013 9:00 | 1013 | 1013 | 1181 | 1183 |
| 10/15/2013 10:00 | 1013 | 1013 | 1182 | 1183 |
| 10/15/2013 11:00 | 1013 | 1013 | 1183 | 1186 |
| 10/15/2013 12:00 | 1013 | 1013 | 1186 | 1187 |
| 10/15/2013 13:00 | 1013 | 1014 | 1184 | 1187 |
| 10/15/2013 14:00 | 1014 | 1014 | 1182 | 1184 |
| 10/15/2013 15:00 | 1014 | 1014 | 1181 | 1182 |
| 10/15/2013 16:00 | 1014 | 1014 | 1181 | 1183 |
| 10/15/2013 17:00 | 1014 | 1014 | 1176 | 1182 |
| 10/15/2013 18:00 | 1014 | 1014 | 1176 | 1177 |
| 10/15/2013 19:00 | 1014 | 1014 | 1176 | 1178 |
| 10/15/2013 20:00 | 1014 | 1014 | 1172 | 1178 |
| 10/15/2013 21:00 | 1014 | 1014 | 1172 | 1176 |
| 10/15/2013 22:00 | 1014 | 1014 | 1175 | 1176 |
| 10/15/2013 23:00 | 1014 | 1014 | 1175 | 1176 |
| 10/16/2013 0:00 | 1014 | 1014 | 1176 | 1181 |
| 10/16/2013 1:00 | 1014 | 1014 | 1181 | 1186 |
| 10/16/2013 2:00 | 1014 | 1014 | 1186 | 1192 |
| 10/16/2013 3:00 | 1014 | 1014 | 1189 | 1192 |
| 10/16/2013 4:00 | 1014 | 1015 | 1187 | 1190 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/16/2013 5:00 | 1015 | 1016 | 1190 | 1191 |
| 10/16/2013 6:00 | 1016 | 1016 | 1190 | 1191 |
| 10/16/2013 7:00 | 1016 | 1016 | 1189 | 1190 |
| 10/16/2013 8:00 | 1016 | 1016 | 1190 | 1192 |
| 10/16/2013 9:00 | 1016 | 1016 | 1188 | 1192 |
| 10/16/2013 10:00 | 1016 | 1016 | 1189 | 1193 |
| 10/16/2013 11:00 | 1016 | 1016 | 1189 | 1193 |
| 10/16/2013 12:00 | 1015 | 1016 | 1189 | 1189 |
| 10/16/2013 13:00 | 1014 | 1015 | 1186 | 1189 |
| 10/16/2013 14:00 | 1014 | 1014 | 1183 | 1186 |
| 10/16/2013 15:00 | 1013 | 1014 | 1182 | 1184 |
| 10/16/2013 16:00 | 1013 | 1013 | 1180 | 1182 |
| 10/16/2013 17:00 | 1012 | 1013 | 1154 | 1180 |
| 10/16/2013 18:00 | 1012 | 1012 | 1092 | 1154 |
| 10/16/2013 19:00 | 1011 | 1012 | 1094 | 1196 |
| 10/16/2013 20:00 | 1011 | 1011 | 1158 | 1196 |
| 10/16/2013 21:00 | 1011 | 1011 | 1156 | 1158 |
| 10/16/2013 22:00 | 1011 | 1011 | 1158 | 1164 |
| 10/16/2013 23:00 | 1011 | 1011 | 1164 | 1167 |
| 10/17/2013 0:00 | 1011 | 1011 | 1166 | 1169 |
| 10/17/2013 1:00 | 1011 | 1011 | 1169 | 1173 |
| 10/17/2013 2:00 | 1011 | 1011 | 1173 | 1175 |
| 10/17/2013 3:00 | 1011 | 1011 | 1175 | 1179 |
| 10/17/2013 4:00 | 1011 | 1011 | 1179 | 1194 |
| 10/17/2013 5:00 | 1011 | 1011 | 1189 | 1194 |
| 10/17/2013 6:00 | 1011 | 1011 | 1185 | 1189 |
| 10/17/2013 7:00 | 1011 | 1011 | 1186 | 1192 |
| 10/17/2013 8:00 | 1011 | 1011 | 1192 | 1193 |
| 10/17/2013 9:00 | 1011 | 1011 | 1190 | 1193 |
| 10/17/2013 10:00 | 1011 | 1011 | 1190 | 1191 |
| 10/17/2013 11:00 | 1011 | 1011 | 1187 | 1191 |
| 10/17/2013 12:00 | 1011 | 1011 | 1185 | 1190 |
| 10/17/2013 13:00 | 1011 | 1011 | 1183 | 1185 |
| 10/17/2013 14:00 | 1011 | 1011 | 1184 | 1185 |
| 10/17/2013 15:00 | 1011 | 1011 | 1185 | 1188 |
| 10/17/2013 16:00 | 1011 | 1011 | 1188 | 1193 |
| 10/17/2013 17:00 | 1011 | 1011 | 1193 | 1194 |
| 10/17/2013 18:00 | 1011 | 1011 | 1193 | 1194 |
| 10/17/2013 19:00 | 1011 | 1011 | 1190 | 1193 |
| 10/17/2013 20:00 | 1011 | 1011 | 1170 | 1190 |
| 10/17/2013 21:00 | 1011 | 1011 | 1169 | 1171 |
| 10/17/2013 22:00 | 1011 | 1011 | 1156 | 1170 |
| 10/17/2013 23:00 | 1011 | 1011 | 1162 | 1172 |
| 10/18/2013 0:00 | 1011 | 1011 | 1172 | 1173 |
| 10/18/2013 1:00 | 1011 | 1011 | 1172 | 1177 |
| 10/18/2013 2:00 | 1011 | 1011 | 1176 | 1177 |
| 10/18/2013 3:00 | 1011 | 1011 | 1177 | 1186 |
| 10/18/2013 4:00 | 1011 | 1011 | 1184 | 1185 |
| 10/18/2013 5:00 | 1011 | 1011 | 1171 | 1185 |
| 10/18/2013 6:00 | 1011 | 1011 | 1176 | 1186 |
| 10/18/2013 7:00 | 1011 | 1011 | 1178 | 1186 |
| 10/18/2013 8:00 | 1011 | 1011 | 1184 | 1184 |
| 10/18/2013 9:00 | 1011 | 1011 | 1184 | 1185 |
| 10/18/2013 10:00 | 1011 | 1011 | 1184 | 1187 |
| 10/18/2013 11:00 | 1011 | 1011 | 1187 | 1187 |
| 10/18/2013 12:00 | 1011 | 1011 | 1185 | 1187 |
| 10/18/2013 13:00 | 1011 | 1011 | 1183 | 1186 |
| 10/18/2013 14:00 | 1011 | 1011 | 1185 | 1186 |
| 10/18/2013 15:00 | 1011 | 1011 | 1183 | 1185 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/18/2013 16:00 | 1011 | 1011 | 1161 | 1183 |
| 10/18/2013 17:00 | 1011 | 1011 | 1157 | 1164 |
| 10/18/2013 18:00 | 1011 | 1011 | 1164 | 1183 |
| 10/18/2013 19:00 | 1011 | 1011 | 1181 | 1183 |
| 10/18/2013 20:00 | 1011 | 1011 | 1183 | 1184 |
| 10/18/2013 21:00 | 1011 | 1011 | 1183 | 1185 |
| 10/18/2013 22:00 | 1011 | 1011 | 1182 | 1184 |
| 10/18/2013 23:00 | 1011 | 1011 | 1182 | 1186 |
| 10/19/2013 0:00 | 1011 | 1011 | 1185 | 1187 |
| 10/19/2013 1:00 | 1011 | 1011 | 1187 | 1187 |
| 10/19/2013 2:00 | 1011 | 1011 | 1187 | 1191 |
| 10/19/2013 3:00 | 1011 | 1011 | 1185 | 1191 |
| 10/19/2013 4:00 | 1011 | 1011 | 1185 | 1187 |
| 10/19/2013 5:00 | 1011 | 1011 | 1187 | 1188 |
| 10/19/2013 6:00 | 1011 | 1011 | 1178 | 1188 |
| 10/19/2013 7:00 | 1011 | 1011 | 1172 | 1178 |
| 10/19/2013 8:00 | 1011 | 1011 | 1174 | 1175 |
| 10/19/2013 9:00 | 1011 | 1011 | 1173 | 1175 |
| 10/19/2013 10:00 | 1011 | 1011 | 1174 | 1176 |
| 10/19/2013 11:00 | 1011 | 1011 | 1175 | 1176 |
| 10/19/2013 12:00 | 1011 | 1011 | 1174 | 1176 |
| 10/19/2013 13:00 | 1011 | 1011 | 1176 | 1177 |
| 10/19/2013 14:00 | 1011 | 1011 | 1175 | 1179 |
| 10/19/2013 15:00 | 1011 | 1011 | 1169 | 1179 |
| 10/19/2013 16:00 | 1011 | 1011 | 1168 | 1169 |
| 10/19/2013 17:00 | 1011 | 1011 | 1166 | 1174 |
| 10/19/2013 18:00 | 1011 | 1011 | 1172 | 1175 |
| 10/19/2013 19:00 | 1011 | 1011 | 1169 | 1172 |
| 10/19/2013 20:00 | 1011 | 1011 | 1169 | 1171 |
| 10/19/2013 21:00 | 1011 | 1011 | 1169 | 1171 |
| 10/19/2013 22:00 | 1011 | 1011 | 1165 | 1170 |
| 10/19/2013 23:00 | 1011 | 1011 | 1167 | 1170 |
| 10/20/2013 0:00 | 1011 | 1011 | 1168 | 1170 |
| 10/20/2013 1:00 | 1011 | 1011 | 1170 | 1173 |
| 10/20/2013 2:00 | 1011 | 1011 | 1172 | 1174 |
| 10/20/2013 3:00 | 1011 | 1011 | 1172 | 1175 |
| 10/20/2013 4:00 | 1011 | 1011 | 1175 | 1180 |
| 10/20/2013 5:00 | 1011 | 1011 | 1175 | 1180 |
| 10/20/2013 6:00 | 1011 | 1011 | 1165 | 1175 |
| 10/20/2013 7:00 | 1011 | 1011 | 1173 | 1174 |
| 10/20/2013 8:00 | 1011 | 1011 | 1173 | 1175 |
| 10/20/2013 9:00 | 1011 | 1011 | 1175 | 1177 |
| 10/20/2013 10:00 | 1011 | 1011 | 1176 | 1177 |
| 10/20/2013 11:00 | 1011 | 1011 | 1176 | 1177 |
| 10/20/2013 12:00 | 1011 | 1011 | 1177 | 1178 |
| 10/20/2013 13:00 | 1011 | 1011 | 1176 | 1178 |
| 10/20/2013 14:00 | 1011 | 1011 | 1175 | 1176 |
| 10/20/2013 15:00 | 1011 | 1011 | 1174 | 1175 |
| 10/20/2013 16:00 | 1011 | 1011 | 1173 | 1175 |
| 10/20/2013 17:00 | 1011 | 1011 | 1169 | 1173 |
| 10/20/2013 18:00 | 1011 | 1011 | 1168 | 1170 |
| 10/20/2013 19:00 | 1011 | 1011 | 1159 | 1168 |
| 10/20/2013 20:00 | 1011 | 1011 | 1159 | 1164 |
| 10/20/2013 21:00 | 1011 | 1011 | 1161 | 1163 |
| 10/20/2013 22:00 | 1011 | 1011 | 1161 | 1163 |
| 10/20/2013 23:00 | 1011 | 1011 | 1161 | 1164 |
| 10/21/2013 0:00 | 1011 | 1011 | 1163 | 1165 |
| 10/21/2013 1:00 | 1011 | 1011 | 1165 | 1168 |
| 10/21/2013 2:00 | 1011 | 1011 | 1167 | 1168 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/21/2013 3:00 | 1011 | 1011 | 1166 | 1169 |
| 10/21/2013 4:00 | 1011 | 1011 | 1166 | 1166 |
| 10/21/2013 5:00 | 1011 | 1011 | 1166 | 1167 |
| 10/21/2013 6:00 | 1011 | 1011 | 1166 | 1167 |
| 10/21/2013 7:00 | 1011 | 1011 | 1165 | 1167 |
| 10/21/2013 8:00 | 1011 | 1011 | 1165 | 1168 |
| 10/21/2013 9:00 | 1011 | 1011 | 1168 | 1168 |
| 10/21/2013 10:00 | 1011 | 1011 | 1168 | 1169 |
| 10/21/2013 11:00 | 1011 | 1011 | 1166 | 1168 |
| 10/21/2013 12:00 | 1011 | 1011 | 1166 | 1167 |
| 10/21/2013 13:00 | 1011 | 1011 | 1165 | 1169 |
| 10/21/2013 14:00 | 1011 | 1011 | 1164 | 1165 |
| 10/21/2013 15:00 | 1010 | 1011 | 1162 | 1165 |
| 10/21/2013 16:00 | 1010 | 1010 | 1162 | 1162 |
| 10/21/2013 17:00 | 1010 | 1011 | 1160 | 1162 |
| 10/21/2013 18:00 | 1011 | 1011 | 1156 | 1161 |
| 10/21/2013 19:00 | 1011 | 1011 | 1155 | 1156 |
| 10/21/2013 20:00 | 1011 | 1011 | 1156 | 1156 |
| 10/21/2013 21:00 | 1011 | 1011 | 1156 | 1158 |
| 10/21/2013 22:00 | 1011 | 1011 | 1155 | 1157 |
| 10/21/2013 23:00 | 1011 | 1012 | 1144 | 1156 |
| 10/22/2013 0:00 | 1012 | 1012 | 1144 | 1147 |
| 10/22/2013 1:00 | 1012 | 1012 | 1146 | 1155 |
| 10/22/2013 2:00 | 1012 | 1012 | 1155 | 1165 |
| 10/22/2013 3:00 | 1012 | 1012 | 1158 | 1160 |
| 10/22/2013 4:00 | 1012 | 1012 | 1158 | 1160 |
| 10/22/2013 5:00 | 1012 | 1012 | 1155 | 1159 |
| 10/22/2013 6:00 | 1012 | 1012 | 1155 | 1158 |
| 10/22/2013 7:00 | 1012 | 1012 | 1157 | 1161 |
| 10/22/2013 8:00 | 1012 | 1012 | 1161 | 1164 |
| 10/22/2013 9:00 | 1012 | 1012 | 1163 | 1165 |
| 10/22/2013 10:00 | 1012 | 1012 | 1165 | 1167 |
| 10/22/2013 11:00 | 1012 | 1012 | 1166 | 1168 |
| 10/22/2013 12:00 | 1011 | 1012 | 1168 | 1170 |
| 10/22/2013 13:00 | 1011 | 1011 | 1166 | 1168 |
| 10/22/2013 14:00 | 1011 | 1011 | 1165 | 1167 |
| 10/22/2013 15:00 | 1011 | 1011 | 1167 | 1168 |
| 10/22/2013 16:00 | 1011 | 1011 | 1163 | 1168 |
| 10/22/2013 17:00 | 1010 | 1011 | 1162 | 1163 |
| 10/22/2013 18:00 | 1010 | 1010 | 1160 | 1163 |
| 10/22/2013 19:00 | 1010 | 1010 | 1160 | 1165 |
| 10/22/2013 20:00 | 1010 | 1010 | 1165 | 1167 |
| 10/22/2013 21:00 | 1010 | 1011 | 1166 | 1169 |
| 10/22/2013 22:00 | 1011 | 1011 | 1169 | 1200 |
| 10/22/2013 23:00 | 1011 | 1011 | 1147 | 1171 |
| 10/23/2013 0:00 | 1011 | 1011 | 1147 | 1164 |
| 10/23/2013 1:00 | 1011 | 1011 | 1164 | 1169 |
| 10/23/2013 2:00 | 1011 | 1011 | 1166 | 1169 |
| 10/23/2013 3:00 | 1011 | 1011 | 1167 | 1169 |
| 10/23/2013 4:00 | 1011 | 1011 | 1168 | 1169 |
| 10/23/2013 5:00 | 1011 | 1011 | 1168 | 1170 |
| 10/23/2013 6:00 | 1011 | 1011 | 1168 | 1172 |
| 10/23/2013 7:00 | 1011 | 1011 | 1172 | 1173 |
| 10/23/2013 8:00 | 1011 | 1011 | 1172 | 1174 |
| 10/23/2013 9:00 | 1011 | 1011 | 1171 | 1175 |
| 10/23/2013 10:00 | 1011 | 1011 | 1172 | 1173 |
| 10/23/2013 11:00 | 1011 | 1011 | 1172 | 1174 |
| 10/23/2013 12:00 | 1011 | 1011 | 1172 | 1175 |
| 10/23/2013 13:00 | 1011 | 1011 | 1170 | 1172 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/23/2013 14:00 | 1011 | 1011 | 1170 | 1171 |
| 10/23/2013 15:00 | 1011 | 1012 | 1168 | 1171 |
| 10/23/2013 16:00 | 1012 | 1012 | 1163 | 1168 |
| 10/23/2013 17:00 | 1012 | 1012 | 1163 | 1164 |
| 10/23/2013 18:00 | 1012 | 1012 | 1162 | 1164 |
| 10/23/2013 19:00 | 1012 | 1012 | 1162 | 1163 |
| 10/23/2013 20:00 | 1012 | 1012 | 1162 | 1163 |
| 10/23/2013 21:00 | 1012 | 1012 | 1163 | 1166 |
| 10/23/2013 22:00 | 1012 | 1012 | 1166 | 1169 |
| 10/23/2013 23:00 | 1012 | 1012 | 1168 | 1171 |
| 10/24/2013 0:00 | 1012 | 1012 | 1168 | 1171 |
| 10/24/2013 1:00 | 1012 | 1012 | 1167 | 1169 |
| 10/24/2013 2:00 | 1012 | 1012 | 1167 | 1170 |
| 10/24/2013 3:00 | 1012 | 1012 | 1161 | 1170 |
| 10/24/2013 4:00 | 1012 | 1012 | 1163 | 1166 |
| 10/24/2013 5:00 | 1012 | 1012 | 1160 | 1163 |
| 10/24/2013 6:00 | 1012 | 1012 | 1159 | 1162 |
| 10/24/2013 7:00 | 1012 | 1012 | 1159 | 1166 |
| 10/24/2013 8:00 | 1012 | 1012 | 1162 | 1166 |
| 10/24/2013 9:00 | 1012 | 1012 | 1164 | 1166 |
| 10/24/2013 10:00 | 1012 | 1012 | 1161 | 1164 |
| 10/24/2013 11:00 | 1012 | 1012 | 1161 | 1162 |
| 10/24/2013 12:00 | 1012 | 1012 | 1161 | 1163 |
| 10/24/2013 13:00 | 1012 | 1012 | 1160 | 1166 |
| 10/24/2013 14:00 | 1012 | 1012 | 1160 | 1163 |
| 10/24/2013 15:00 | 1012 | 1012 | 1162 | 1163 |
| 10/24/2013 16:00 | 1012 | 1012 | 1158 | 1162 |
| 10/24/2013 17:00 | 1012 | 1012 | 1159 | 1161 |
| 10/24/2013 18:00 | 1012 | 1012 | 1155 | 1159 |
| 10/24/2013 19:00 | 1012 | 1012 | 1155 | 1159 |
| 10/24/2013 20:00 | 1012 | 1012 | 1159 | 1162 |
| 10/24/2013 21:00 | 1012 | 1012 | 1161 | 1165 |
| 10/24/2013 22:00 | 1012 | 1012 | 1163 | 1165 |
| 10/24/2013 23:00 | 1012 | 1012 | 1161 | 1163 |
| 10/25/2013 0:00 | 1012 | 1012 | 1160 | 1161 |
| 10/25/2013 1:00 | 1012 | 1012 | 1160 | 1162 |
| 10/25/2013 2:00 | 1012 | 1012 | 1159 | 1162 |
| 10/25/2013 3:00 | 1012 | 1012 | 1158 | 1159 |
| 10/25/2013 4:00 | 1012 | 1012 | 1157 | 1159 |
| 10/25/2013 5:00 | 1012 | 1012 | 1153 | 1159 |
| 10/25/2013 6:00 | 1012 | 1012 | 1153 | 1157 |
| 10/25/2013 7:00 | 1012 | 1012 | 1155 | 1156 |
| 10/25/2013 8:00 | 1012 | 1012 | 1152 | 1156 |
| 10/25/2013 9:00 | 1012 | 1012 | 1150 | 1152 |
| 10/25/2013 10:00 | 1012 | 1012 | 1150 | 1154 |
| 10/25/2013 11:00 | 1012 | 1012 | 1154 | 1157 |
| 10/25/2013 12:00 | 1012 | 1012 | 1156 | 1158 |
| 10/25/2013 13:00 | 1012 | 1012 | 1158 | 1161 |
| 10/25/2013 14:00 | 1012 | 1012 | 1160 | 1162 |
| 10/25/2013 15:00 | 1012 | 1012 | 1160 | 1162 |
| 10/25/2013 16:00 | 1012 | 1012 | 1153 | 1162 |
| 10/25/2013 17:00 | 1012 | 1013 | 1153 | 1156 |
| 10/25/2013 18:00 | 1013 | 1013 | 1155 | 1156 |
| 10/25/2013 19:00 | 1013 | 1013 | 1154 | 1156 |
| 10/25/2013 20:00 | 1013 | 1013 | 1156 | 1160 |
| 10/25/2013 21:00 | 1013 | 1013 | 1159 | 1162 |
| 10/25/2013 22:00 | 1013 | 1013 | 1162 | 1167 |
| 10/25/2013 23:00 | 1013 | 1013 | 1166 | 1167 |
| 10/26/2013 0:00 | 1012 | 1013 | 1166 | 1167 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/26/2013 1:00 | 1012 | 1012 | 1166 | 1167 |
| 10/26/2013 2:00 | 1012 | 1012 | 1167 | 1167 |
| 10/26/2013 3:00 | 1012 | 1012 | 1167 | 1167 |
| 10/26/2013 4:00 | 1012 | 1012 | 1164 | 1167 |
| 10/26/2013 5:00 | 1012 | 1012 | 1164 | 1166 |
| 10/26/2013 6:00 | 1012 | 1012 | 1166 | 1168 |
| 10/26/2013 7:00 | 1012 | 1012 | 1163 | 1168 |
| 10/26/2013 8:00 | 1012 | 1012 | 1160 | 1178 |
| 10/26/2013 9:00 | 1012 | 1012 | 1160 | 1162 |
| 10/26/2013 10:00 | 1012 | 1012 | 1161 | 1162 |
| 10/26/2013 11:00 | 1011 | 1012 | 1159 | 1162 |
| 10/26/2013 12:00 | 1011 | 1011 | 1160 | 1167 |
| 10/26/2013 13:00 | 1011 | 1011 | 1159 | 1167 |
| 10/26/2013 14:00 | 1011 | 1012 | 1159 | 1161 |
| 10/26/2013 15:00 | 1012 | 1012 | 1161 | 1166 |
| 10/26/2013 16:00 | 1012 | 1012 | 1164 | 1172 |
| 10/26/2013 17:00 | 1012 | 1013 | 1171 | 1173 |
| 10/26/2013 18:00 | 1013 | 1013 | 1173 | 1187 |
| 10/26/2013 19:00 | 1013 | 1014 | 1174 | 1181 |
| 10/26/2013 20:00 | 1014 | 1014 | 1165 | 1174 |
| 10/26/2013 21:00 | 1014 | 1014 | 1165 | 1171 |
| 10/26/2013 22:00 | 1014 | 1014 | 1170 | 1172 |
| 10/26/2013 23:00 | 1014 | 1015 | 1169 | 1172 |
| 10/27/2013 0:00 | 1015 | 1015 | 1171 | 1172 |
| 10/27/2013 1:00 | 1015 | 1015 | 1171 | 1173 |
| 10/27/2013 2:00 | 1015 | 1016 | 1173 | 1175 |
| 10/27/2013 3:00 | 1016 | 1016 | 1172 | 1173 |
| 10/27/2013 4:00 | 1016 | 1016 | 1171 | 1172 |
| 10/27/2013 5:00 | 1015 | 1016 | 1170 | 1172 |
| 10/27/2013 6:00 | 1015 | 1015 | 1169 | 1171 |
| 10/27/2013 7:00 | 1015 | 1015 | 1169 | 1170 |
| 10/27/2013 8:00 | 1015 | 1015 | 1166 | 1169 |
| 10/27/2013 9:00 | 1014 | 1015 | 1157 | 1168 |
| 10/27/2013 10:00 | 1014 | 1014 | 1157 | 1168 |
| 10/27/2013 11:00 | 1013 | 1014 | 1168 | 1172 |
| 10/27/2013 12:00 | 1013 | 1013 | 1170 | 1172 |
| 10/27/2013 13:00 | 1013 | 1013 | 1170 | 1171 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/27/2013 14:00 | 1013 | 1013 | 1170 | 1171 |
| 10/27/2013 15:00 | 1012 | 1013 | 1169 | 1170 |
| 10/27/2013 16:00 | 1012 | 1012 | 1167 | 1169 |
| 10/27/2013 17:00 | 1012 | 1012 | 1168 | 1170 |
| 10/27/2013 18:00 | 1012 | 1012 | 1169 | 1174 |
| 10/27/2013 19:00 | 1012 | 1012 | 1172 | 1174 |
| 10/27/2013 20:00 | 1011 | 1012 | 1173 | 1175 |
| 10/27/2013 21:00 | 1011 | 1011 | 1174 | 1177 |
| 10/27/2013 22:00 | 1011 | 1011 | 1177 | 1178 |
| 10/27/2013 23:00 | 1011 | 1011 | 1177 | 1178 |
| 10/28/2013 0:00 | 1011 | 1011 | 1177 | 1185 |
| 10/28/2013 1:00 | 1011 | 1011 | 1177 | 1185 |
| 10/28/2013 2:00 | 1011 | 1011 | 1177 | 1178 |
| 10/28/2013 3:00 | 1011 | 1011 | 1175 | 1177 |
| 10/28/2013 4:00 | 1011 | 1011 | 1175 | 1176 |
| 10/28/2013 5:00 | 1011 | 1011 | 1175 | 1176 |
| 10/28/2013 6:00 | 1011 | 1011 | 1171 | 1175 |
| 10/28/2013 7:00 | 1011 | 1011 | 1171 | 1174 |
| 10/28/2013 8:00 | 1011 | 1011 | 1174 | 1176 |
| 10/28/2013 9:00 | 1011 | 1011 | 1173 | 1176 |
| 10/28/2013 10:00 | 1011 | 1011 | 1173 | 1174 |
| 10/28/2013 11:00 | 1011 | 1011 | 1173 | 1173 |
| 10/28/2013 12:00 | 1010 | 1011 | 1172 | 1174 |
| 10/28/2013 13:00 | 1010 | 1010 | 1170 | 1172 |
| 10/28/2013 14:00 | 1010 | 1010 | 1169 | 1171 |
| 10/28/2013 15:00 | 1010 | 1010 | 1166 | 1169 |
| 10/28/2013 16:00 | 1010 | 1010 | 1162 | 1166 |
| 10/28/2013 17:00 | 1010 | 1010 | 1163 | 1168 |
| 10/28/2013 18:00 | 1010 | 1010 | 1160 | 1164 |
| 10/28/2013 19:00 | 1010 | 1010 | 1160 | 1162 |
| 10/28/2013 20:00 | 1010 | 1010 | 1158 | 1162 |
| 10/28/2013 21:00 | 1010 | 1010 | 1158 | 1161 |
| 10/28/2013 22:00 | 1010 | 1010 | 1161 | 1164 |
| 10/28/2013 23:00 | 1010 | 1010 | 1162 | 1164 |
| 10/29/2013 0:00 | 1010 | 1010 | 1163 | 1166 |
| 10/29/2013 1:00 | 1010 | 1010 | 1166 | 1168 |
| 10/29/2013 2:00 | 1010 | 1010 | 1166 | 1168 |
| 10/29/2013 3:00 | 1010 | 1010 | 1166 | 1168 |
| 10/29/2013 4:00 | 1010 | 1010 | 1167 | 1167 |
| 10/29/2013 5:00 | 1010 | 1010 | 1167 | 1171 |
| 10/29/2013 6:00 | 1010 | 1010 | 1166 | 1169 |
| 10/29/2013 7:00 | 1010 | 1010 | 1161 | 1166 |
| 10/29/2013 8:00 | 1010 | 1010 | 1161 | 1162 |
| 10/29/2013 9:00 | 1010 | 1010 | 1162 | 1166 |
| 10/29/2013 10:00 | 1010 | 1010 | 1165 | 1166 |
| 10/29/2013 11:00 | 1010 | 1010 | 1165 | 1165 |
| 10/29/2013 12:00 | 1010 | 1010 | 1165 | 1169 |
| 10/29/2013 13:00 | 1010 | 1011 | 1169 | 1175 |
| 10/29/2013 14:00 | 1011 | 1011 | 1163 | 1169 |
| 10/29/2013 15:00 | 1011 | 1011 | 1165 | 1166 |
| 10/29/2013 16:00 | 1011 | 1011 | 1165 | 1166 |
| 10/29/2013 17:00 | 1011 | 1011 | 1165 | 1166 |
| 10/29/2013 18:00 | 1011 | 1011 | 1163 | 1166 |
| 10/29/2013 19:00 | 1011 | 1011 | 1163 | 1166 |
| 10/29/2013 20:00 | 1011 | 1011 | 1165 | 1168 |
| 10/29/2013 21:00 | 1011 | 1012 | 1163 | 1168 |
| 10/29/2013 22:00 | 1011 | 1012 | 1163 | 1166 |
| 10/29/2013 23:00 | 1011 | 1011 | 1165 | 1166 |
| 10/30/2013 0:00 | 1011 | 1012 | 1165 | 1166 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/30/2013 1:00 | 1012 | 1012 | 1165 | 1168 |
| 10/30/2013 2:00 | 1011 | 1012 | 1164 | 1168 |
| 10/30/2013 3:00 | 1011 | 1011 | 1162 | 1164 |
| 10/30/2013 4:00 | 1011 | 1011 | 1158 | 1163 |
| 10/30/2013 5:00 | 1011 | 1011 | 1158 | 1162 |
| 10/30/2013 6:00 | 1011 | 1011 | 1162 | 1165 |
| 10/30/2013 7:00 | 1011 | 1011 | 1164 | 1166 |
| 10/30/2013 8:00 | 1011 | 1011 | 1166 | 1167 |
| 10/30/2013 9:00 | 1011 | 1011 | 1167 | 1171 |
| 10/30/2013 10:00 | 1011 | 1011 | 1170 | 1171 |
| 10/30/2013 11:00 | 1010 | 1011 | 1167 | 1170 |

Xcel Energy
Natural Gas Utility - State of North Dakota
Monthly Heating Values Report

| Date/Time | Viking Gas Transmission (Fargo) | | Williston Basin Interstate (Mapleton) | |
|------------------|------------------------------------|---------|--|---------|
| | Min BTU | Max BTU | Min BTU | Max BTU |
| 10/30/2013 12:00 | 1010 | 1010 | 1167 | 1168 |
| 10/30/2013 13:00 | 1010 | 1010 | 1166 | 1168 |
| 10/30/2013 14:00 | 1010 | 1010 | 1165 | 1166 |
| 10/30/2013 15:00 | 1010 | 1010 | 1162 | 1165 |
| 10/30/2013 16:00 | 1010 | 1010 | 1162 | 1166 |
| 10/30/2013 17:00 | 1009 | 1010 | 1162 | 1166 |
| 10/30/2013 18:00 | 1009 | 1009 | 1162 | 1166 |
| 10/30/2013 19:00 | 1009 | 1009 | 1163 | 1164 |
| 10/30/2013 20:00 | 1009 | 1009 | 1164 | 1165 |
| 10/30/2013 21:00 | 1009 | 1009 | 1165 | 1166 |
| 10/30/2013 22:00 | 1009 | 1009 | 1166 | 1172 |
| 10/30/2013 23:00 | 1009 | 1009 | 1170 | 1172 |
| 10/31/2013 0:00 | 1009 | 1009 | 1172 | 1191 |
| 10/31/2013 1:00 | 1009 | 1009 | 1189 | 1191 |
| 10/31/2013 2:00 | 1009 | 1009 | 1191 | 1192 |
| 10/31/2013 3:00 | 1009 | 1009 | 1192 | 1193 |
| 10/31/2013 4:00 | 1009 | 1009 | 1192 | 1194 |
| 10/31/2013 5:00 | 1009 | 1009 | 1190 | 1194 |
| 10/31/2013 6:00 | 1009 | 1009 | 1188 | 1194 |
| 10/31/2013 7:00 | 1009 | 1009 | 1188 | 1191 |
| 10/31/2013 8:00 | 1009 | 1009 | 1190 | 1191 |
| 10/31/2013 9:00 | 1009 | 1009 | 1188 | 1191 |
| 10/31/2013 10:00 | 1009 | 1009 | 1188 | 1189 |
| 10/31/2013 11:00 | 1009 | 1009 | 1188 | 1189 |
| 10/31/2013 12:00 | 1009 | 1009 | 1187 | 1189 |
| 10/31/2013 13:00 | 1009 | 1009 | 1185 | 1187 |
| 10/31/2013 14:00 | 1009 | 1009 | 1185 | 1188 |
| 10/31/2013 15:00 | 1009 | 1009 | 1185 | 1185 |
| 10/31/2013 16:00 | 1009 | 1009 | 1185 | 1185 |
| 10/31/2013 17:00 | 1009 | 1009 | 1182 | 1185 |
| 10/31/2013 18:00 | 1009 | 1010 | 1182 | 1183 |
| 10/31/2013 19:00 | 1010 | 1010 | 1181 | 1182 |
| 10/31/2013 20:00 | 1010 | 1010 | 1181 | 1184 |
| 10/31/2013 21:00 | 1010 | 1010 | 1184 | 1186 |
| 10/31/2013 22:00 | 1010 | 1010 | 1185 | 1187 |
| 10/31/2013 23:00 | 1010 | 1010 | 1187 | 1191 |