



A Subsidiary of MDU Resources Group, Inc.

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December 23, 2025

Mr. Steven Kahl  
Executive Secretary  
North Dakota Public Service Commission  
State Capitol Building  
Bismarck, ND 58505-0480

Re: Case No. PU-25-002 (Therm Billing)  
Monthly Report – October 2025

Mr. Kahl,

Montana-Dakota Utilities Co. (Montana-Dakota or the Company) herewith electronically submits the following information, pursuant to the Ordering paragraphs one and two of the Order issued in Case No. 11,006, dated October 20, 1987 and pursuant to the North Dakota Administrative Code 69-09-01-02, part 2.

1. Attachment A is a schedule showing the thermal billing factors by community that are derived from the BTU values shown on Attachment B and were used for billing purposes in November 2025.
2. Attachment B consists of copies of the monthly Heating Value Test Reports received from our suppliers for the month of October 2025.
3. Attachment C is a listing which states the type of measuring device in place at each zone.
4. Attachment D is a monthly list of the heating value data, by zone, for the most recent 12-month period and an average thereof. It is being provided pursuant to a Staff request.
5. Attachment E provides a brief explanation of the thermal variances, where applicable, for the month of October 2025.

Montana-Dakota respectfully requests this electronic filing, in lieu of an original and one copy, be accepted as being in full compliance with the filing requirements of this Commission.

Sincerely,

*/s/ Tyler J Culbertson*

Tyler J Culbertson  
Director of Regulatory Affairs

**Montana-Dakota Utilities Co.**  
**Therm Billing Factors - North Dakota**  
**Nov-25**

<u>Town</u>	<u>Heat Zone</u>	<u>Therm Factor</u>
MDU-303-ALEXANDER	025	1.1240
MDU-308-ARNEGARD	025	1.1240
MDU-314-APPLE VALLEY	271	1.1318
MDU-318-BEACH	032	1.3040
MDU-319-BELFIELD	032	1.0380
MDU-323-BERTHOLD	262	1.1372
MDU-327-BISMARCK	028	1.1530
MDU-330-BOWMAN	034	0.9972
MDU-337-BURLINGTON	262	1.1617
MDU-343-CARRINGTON	273	1.1221
MDU-719-CASSELTON	272	1.1398
MDU-344-CLEVELAND	272	1.1238
MDU-364-CAVALIER	273	1.1458
MDU-365-DAWSON	271	1.1238
MDU-368-DES LACS	262	1.1454
MDU-369-DICKINSON	031	1.0774
MDU-374-FT TOTTEN	273	1.1300
MDU-375-DEVILS LAKE	273	1.1300
MDU-379-BARLOW	273	1.1221
MDU-384-EPPING	264	1.1173
MDU-387-ELDRIDGE	272	1.1318
MDU-407-GLADSTONE	031	1.0774
MDU-411-GLEN ULLIN	031	1.0852
MDU-413-GOLVA	032	1.0153
MDU-416-GARRISON	262	1.1454
MDU-417-GRAFTON	273	1.1537
MDU-403-GWINNER	601	1.1419
MDU-429-HEBRON	031	1.0852
MDU-432-HETTINGER	903	2.4049
MDU-449-JAMESTOWN	272	1.1398
MDU-459-KILLDEER	033	1.0956
MDU-751-KINDRED	272	1.0134
MDU-463-LANGDON	273	1.1221
MDU-469-LEFOR	031	1.0774
MDU-474-LIGNITE	263	1.0759
MDU-475-LINTON	802	1.0459
MDU-478-LINCOLN	028	1.1530
MDU-488-MCKENZIE	271	1.1318
MDU-494-MEDINA	271	1.1238
MDU-498-MANDAN	028	1.1530
MDU-500-MARMARTH	034	1.0045
MDU-505-MINOT	262	1.1617
MDU-510-MOTT	031	1.0774
MDU-512-MAX	262	1.1372
MDU-513-MILNOR	601	1.1489
MDU-522-NEW ENGLAND	031	1.1086
MDU-524-NEW SALEM	028	1.1287
MDU-532-NEW ROCKFORD	273	1.1221
MDU-539-PARK RIVER	273	1.1458

MDU-540-PALERMO	262	1.1372
MDU-558-RAY	264	1.1145
MDU-561-REGENT	031	1.0774
MDU-563-RHAME	034	0.9898
MDU-564-RICHARDTON	031	1.0696
MDU-568-ROSS	261	1.1149
MDU-572-RUTHVILLE	262	1.1627
MDU-574-SANBORN	272	1.1398
MDU-583-SENTINEL BUTTE	032	1.0304
MDU-588-SOUTH HEART	031	1.0696
MDU-717-SPIRITWOOD	272	1.1398
MDU-590-SPRINGBROOK	264	1.1145
MDU-591-STANLEY	261	1.1230
MDU-593-STEELE	271	1.1238
MDU-594-STERLING	028	1.1530
MDU-598-SHEYENNE	273	1.1300
MDU-605-SURREY	262	1.1617
MDU-610-TAPPEN	271	1.1238
MDU-611-TAYLOR	031	1.0696
MDU-616-TIOGA	260	1.0999
MDU-619-TURTLE LAKE	262	1.1454
MDU-620-TRENTON	024	1.1387
MDU-624-UNDERWOOD	262	1.1463
MDU-625-VALLEY CITY	272	1.1477
MDU-629-WALHALLA	273	1.1458
MDU-632-WATFORD CITY	610	1.0437
MDU-104-WAHPETON	247	1.0232
MDU-636-WHEELLOCK	264	1.1065
MDU-637-WHITE EARTH	261	1.3487
MDU-642-WILLISTON	024	1.1387
MDU-646-WASHBURN	262	1.1535
MDU-647-WILTON	262	1.1372
MDU-664-RIVERDALE	262	1.1463
MDU-691-FAIRVIEW	241	1.1235
MDU-712-MINOT AFB	262	1.1617
MDU-718-FAIRMOUNT	600	1.1385
MDU-732-NEKOMA	273	1.1221
MDU-732-MSR SITE	273	1.1221

# Source Daily Summary

October 2025

Source #: 251  
 Name: SDNY BDR-MNDK JNCTN-SDNY PLT

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.7220	1172.4	1193.2	1192.3	1.191	3.210	70.853	20.901	3.343	0.141	0.309	0.021	0.021	0.010	0.000	0.000	0.000	0.000	1404.21	
2	0.7265	1179.6	1200.5	1199.6	1.190	3.193	70.114	21.489	3.504	0.144	0.313	0.021	0.021	0.011	0.000	0.000	0.000	0.000	1408.46	
3	0.7249	1176.6	1197.5	1196.6	1.181	3.237	70.367	21.261	3.443	0.144	0.312	0.022	0.022	0.011	0.000	0.000	0.000	0.000	1406.48	
4	0.7225	1172.4	1193.2	1192.5	1.177	3.277	70.536	21.303	3.250	0.131	0.279	0.018	0.018	0.009	0.000	0.000	0.000	0.000	1403.75	
5	0.7232	1173.1	1193.9	1193.2	1.186	3.293	70.276	21.629	3.180	0.126	0.267	0.017	0.016	0.009	0.000	0.000	0.000	0.000	1403.86	
6	0.7258	1181.3	1202.2	1201.5	1.127	3.116	70.411	21.190	3.591	0.160	0.348	0.024	0.024	0.010	0.000	0.000	0.000	0.000	1411.21	
7	0.7271	1180.7	1201.7	1200.8	1.153	3.236	70.157	21.303	3.577	0.160	0.349	0.026	0.026	0.011	0.000	0.000	0.000	0.000	1409.24	
8	0.7284	1182.8	1203.8	1202.8	1.198	3.173	69.378	22.505	3.304	0.126	0.271	0.018	0.018	0.010	0.000	0.000	0.000	0.000	1410.42	
9	0.7187	1173.9	1194.7	1193.9	1.124	2.916	71.016	21.497	3.022	0.120	0.259	0.018	0.019	0.010	0.000	0.000	0.000	0.000	1409.23	
10	0.7149	1171.0	1191.7	1190.9	1.088	2.793	71.599	21.242	2.863	0.116	0.251	0.019	0.019	0.010	0.000	0.000	0.000	0.000	1409.41	
11	0.7161	1170.4	1191.1	1190.1	1.072	2.960	71.362	21.293	2.898	0.116	0.251	0.018	0.019	0.010	0.000	0.000	0.000	0.000	1407.56	
12	0.7137	1166.6	1187.2	1186.6	0.939	3.175	71.670	20.911	2.877	0.121	0.259	0.019	0.019	0.009	0.000	0.000	0.000	0.000	1405.29	
13	0.7186	1172.8	1193.6	1193.0	1.110	2.990	70.950	21.552	2.994	0.116	0.246	0.017	0.017	0.009	0.000	0.000	0.000	0.000	1408.04	
14	0.7247	1177.1	1198.0	1197.3	1.145	3.255	69.893	22.072	3.251	0.112	0.232	0.015	0.014	0.010	0.000	0.000	0.000	0.000	1407.17	
15	0.7254	1177.2	1198.1	1197.5	1.167	3.279	69.795	22.098	3.282	0.111	0.230	0.015	0.014	0.010	0.000	0.000	0.000	0.000	1406.64	
16	0.7202	1169.6	1190.3	1189.6	1.095	3.364	70.366	21.926	2.871	0.110	0.225	0.016	0.016	0.010	0.000	0.000	0.000	0.000	1402.57	
17	0.7199	1165.2	1185.8	1185.1	1.149	3.524	70.212	22.094	2.691	0.098	0.197	0.013	0.012	0.010	0.000	0.000	0.000	0.000	1397.59	
18	0.7172	1168.2	1188.9	1188.3	1.042	3.244	70.762	21.854	2.753	0.101	0.208	0.014	0.013	0.008	0.000	0.000	0.000	0.000	1403.92	
19	0.7105	1164.7	1185.4	1184.7	0.867	3.101	71.755	21.363	2.594	0.093	0.193	0.013	0.013	0.007	0.000	0.000	0.000	0.000	1406.22	
20	0.7122	1167.1	1187.8	1187.2	1.003	2.900	71.717	21.372	2.656	0.101	0.212	0.015	0.015	0.009	0.000	0.000	0.000	0.000	1407.51	
21	0.7135	1166.8	1187.5	1186.8	1.017	3.022	71.573	21.280	2.732	0.107	0.227	0.016	0.016	0.009	0.000	0.000	0.000	0.000	1405.80	
22	0.7128	1168.2	1188.9	1188.3	1.072	2.783	71.881	21.108	2.759	0.112	0.242	0.017	0.017	0.009	0.000	0.000	0.000	0.000	1408.23	
23	0.7114	1166.5	1187.2	1186.6	0.965	2.924	71.878	21.186	2.683	0.104	0.221	0.015	0.015	0.009	0.000	0.000	0.000	0.000	1407.51	
24	0.7106	1165.3	1186.0	1185.3	1.015	2.843	72.113	20.989	2.669	0.105	0.225	0.016	0.016	0.009	0.000	0.000	0.000	0.000	1406.88	
25	0.7142	1170.3	1191.0	1190.4	1.083	2.776	71.665	21.261	2.811	0.113	0.246	0.017	0.018	0.009	0.000	0.000	0.000	0.000	1409.30	
26	0.7145	1170.7	1191.4	1190.8	1.089	2.776	71.608	21.310	2.811	0.114	0.248	0.017	0.018	0.009	0.000	0.000	0.000	0.000	1409.41	
27	0.7153	1171.6	1192.4	1191.8	1.091	2.786	71.534	21.300	2.868	0.118	0.257	0.018	0.018	0.009	0.000	0.000	0.000	0.000	1409.81	
28	0.7149	1171.3	1192.0	1191.5	1.085	2.776	71.588	21.284	2.852	0.117	0.253	0.018	0.018	0.009	0.000	0.000	0.000	0.000	1409.81	
29	0.7150	1171.8	1192.6	1192.0	1.080	2.762	71.530	21.395	2.815	0.117	0.255	0.018	0.018	0.010	0.000	0.000	0.000	0.000	1410.34	
30	0.7119	1167.5	1188.2	1187.7	1.031	2.806	71.966	21.071	2.743	0.109	0.233	0.016	0.016	0.009	0.000	0.000	0.000	0.000	1408.25	
31	0.7129	1168.3	1189.0	1188.5	1.055	2.812	71.719	21.355	2.685	0.107	0.229	0.015	0.015	0.008	0.000	0.000	0.000	0.000	1408.24	
<b>Avg</b>	<b>0.7181</b>	<b>1172.0</b>	<b>1192.4</b>	<b>1191.7</b>	<b>1.090</b>	<b>3.042</b>	<b>71.040</b>	<b>21.432</b>	<b>2.980</b>	<b>0.118</b>	<b>0.253</b>	<b>0.018</b>	<b>0.018</b>	<b>0.009</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1407.17</b>	

# Source Daily Summary

October 2025

Source #: 571  
Name: WILLISTON BDR-CHARBN STN

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.7214	1184.9	1205.9	1205.3	1.064	2.577	71.490	20.547	3.754	0.160	0.354	0.024	0.026	0.003	0.000	0.000	0.000	0.000	1419.76	
2	0.7276	1192.6	1213.7	1213.0	1.081	2.668	70.663	20.894	4.064	0.177	0.396	0.026	0.029	0.003	0.000	0.000	0.000	0.000	1422.83	
3	0.7274	1191.7	1212.8	1212.2	1.084	2.694	70.608	20.998	4.005	0.172	0.385	0.025	0.027	0.002	0.000	0.000	0.000	0.000	1422.05	
4	0.7224	1184.3	1205.2	1204.7	1.065	2.708	71.033	21.047	3.636	0.146	0.321	0.020	0.022	0.002	0.000	0.000	0.000	0.000	1418.07	
5	0.7237	1184.4	1205.4	1204.9	1.096	2.782	70.832	21.075	3.708	0.146	0.319	0.019	0.021	0.002	0.000	0.000	0.000	0.000	1416.86	
6	0.7279	1189.6	1210.6	1210.1	1.111	2.839	70.292	21.289	3.906	0.160	0.356	0.022	0.023	0.003	0.000	0.000	0.000	0.000	1418.93	
7	0.7289	1189.0	1210.1	1209.3	1.142	2.913	69.757	22.000	3.700	0.140	0.308	0.019	0.020	0.001	0.000	0.000	0.000	0.000	1417.40	
8	0.7136	1175.6	1196.4	1195.8	1.036	2.465	71.978	21.114	2.993	0.118	0.256	0.018	0.020	0.001	0.000	0.000	0.000	0.000	1416.29	
9	0.7090	1171.2	1191.9	1191.4	1.003	2.351	72.649	20.827	2.777	0.112	0.243	0.017	0.020	0.002	0.000	0.000	0.000	0.000	1415.55	
10	0.7076	1169.6	1190.3	1189.8	0.996	2.327	72.809	20.809	2.681	0.107	0.233	0.017	0.019	0.002	0.000	0.000	0.000	0.000	1415.00	
11	0.7122	1174.2	1194.9	1194.3	1.021	2.440	72.137	21.116	2.878	0.115	0.252	0.018	0.020	0.001	0.000	0.000	0.000	0.000	1415.96	
12	0.7184	1180.7	1201.6	1201.0	1.055	2.569	71.156	21.685	3.107	0.122	0.265	0.018	0.020	0.003	0.000	0.000	0.000	0.000	1417.73	
13	0.7152	1176.2	1197.1	1196.6	1.054	2.551	71.546	21.534	2.919	0.113	0.246	0.017	0.018	0.002	0.000	0.000	0.000	0.000	1415.46	
14	0.7253	1185.2	1206.2	1205.5	1.122	2.844	70.185	21.986	3.358	0.138	0.316	0.022	0.025	0.004	0.000	0.000	0.000	0.000	1416.29	
15	0.7214	1178.9	1199.8	1199.2	1.124	2.857	70.590	21.868	3.137	0.119	0.266	0.018	0.019	0.002	0.000	0.000	0.000	0.000	1412.62	
16	0.7213	1177.8	1198.7	1198.1	1.143	2.889	70.431	22.122	3.028	0.111	0.241	0.016	0.017	0.001	0.000	0.000	0.000	0.000	1411.40	
17	0.7211	1175.5	1196.3	1195.6	1.159	2.985	70.371	22.149	2.976	0.103	0.226	0.014	0.016	0.001	0.000	0.000	0.000	0.000	1408.85	
18	0.7125	1173.9	1194.7	1194.1	1.020	2.494	71.895	21.419	2.809	0.105	0.225	0.015	0.017	0.002	0.000	0.000	0.000	0.000	1415.28	
19	0.7100	1171.2	1192.0	1191.5	1.009	2.436	72.245	21.286	2.672	0.101	0.217	0.015	0.017	0.002	0.000	0.000	0.000	0.000	1414.58	
20	0.7074	1169.2	1189.9	1189.5	0.985	2.347	72.614	21.176	2.545	0.096	0.205	0.014	0.016	0.002	0.000	0.000	0.000	0.000	1414.78	
21	0.7129	1174.0	1194.8	1194.3	1.027	2.503	71.892	21.378	2.813	0.110	0.239	0.017	0.019	0.002	0.000	0.000	0.000	0.000	1415.15	
22	0.7082	1169.9	1190.6	1190.2	0.992	2.372	72.588	21.055	2.636	0.102	0.220	0.015	0.017	0.002	0.000	0.000	0.000	0.000	1414.77	
23	0.7057	1166.8	1187.5	1187.0	0.985	2.335	73.029	20.721	2.577	0.101	0.217	0.016	0.017	0.002	0.000	0.000	0.000	0.000	1413.56	
24	0.7055	1166.5	1187.1	1186.7	0.983	2.341	73.054	20.704	2.567	0.101	0.216	0.016	0.017	0.002	0.000	0.000	0.000	0.000	1413.33	
25	0.7100	1172.0	1192.8	1192.3	1.010	2.386	72.389	21.093	2.739	0.109	0.237	0.017	0.019	0.002	0.000	0.000	0.000	0.000	1415.53	
26	0.7100	1172.0	1192.8	1192.4	1.014	2.380	72.367	21.134	2.728	0.108	0.234	0.016	0.018	0.002	0.000	0.000	0.000	0.000	1415.54	
27	0.7102	1172.3	1193.0	1192.6	1.016	2.382	72.319	21.183	2.726	0.107	0.232	0.016	0.018	0.002	0.000	0.000	0.000	0.000	1415.61	
28	0.7077	1168.6	1189.3	1188.9	1.009	2.380	72.689	20.945	2.610	0.105	0.226	0.016	0.017	0.002	0.000	0.000	0.000	0.000	1413.70	
29	0.7081	1169.7	1190.4	1190.0	1.005	2.358	72.569	21.132	2.569	0.105	0.227	0.016	0.017	0.002	0.000	0.000	0.000	0.000	1414.61	
30	0.7063	1167.6	1188.3	1187.9	0.998	2.328	72.819	21.009	2.506	0.098	0.210	0.015	0.016	0.002	0.000	0.000	0.000	0.000	1413.86	
31	0.7057	1166.3	1187.0	1186.6	1.006	2.337	72.950	20.854	2.514	0.097	0.210	0.014	0.016	0.002	0.000	0.000	0.000	0.000	1412.93	
<b>Avg</b>	<b>0.7150</b>	<b>1176.0</b>	<b>1197.0</b>	<b>1196.5</b>	<b>1.046</b>	<b>2.543</b>	<b>71.740</b>	<b>21.231</b>	<b>3.021</b>	<b>0.119</b>	<b>0.261</b>	<b>0.018</b>	<b>0.019</b>	<b>0.002</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1415.62</b>	

# Gas Composition and Properties

Effective October 1, 2025

Attachment B  
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Source #: 0602160  
Name: FAIRVIEW BORDER

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	1.0039		2.1482
Nitrogen (N2)	3.2946		4.4874
Methane (C1)	71.9242		56.1017
Ethane (C2)	20.5660	5.5038	30.0675
Propane (C3)	2.7983	0.7714	5.9995
Isobutane (IC4)	0.1159	0.0380	0.3275
n-Butane (NC4)	0.2552	0.0805	0.7212
Isopentane (IC5)	0.0197	0.0072	0.0691
n-Pentane (NC5)	0.0222	0.0081	0.0779
Hexanes Plus (C6+)			
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
<b>Totals</b>	<b>100.0000</b>	<b>6.4090</b>	<b>100.0000</b>

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	-19.100
Cricondentherm	-3.850
HV, Dry @ Base P, T	1181.08
HV, Sat @ Base P, T	1160.52
HV, Sat @ Sample P, T	1181.08
Relative Density	0.7121

C6+: 100

**Sample**

Date: 10/01/2025                      Type:

Tech: Joshua Tipton

Pressure:                      410.0 psi      Temp.:                      °F

Gauge:                              Gauge              H2O:

Atm. Pressure:                      H2S:

Remarks:

**Analysis**

Date:                                      Instrument:

Tech:                                      Cylinder:      396

Remarks:



# Source Daily Summary

October 2025

Source #: 602  
 Name: TIOGA STN-N TIOGA TRANSFER

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.6921	1151.0	1171.4	1171.0	0.919	2.119	75.032	19.670	1.994	0.074	0.160	0.013	0.015	0.003	0.000	0.000	0.000	0.000	1408.07	-14.61
2	0.6937	1154.7	1175.1	1174.7	0.907	2.067	74.829	19.816	2.100	0.080	0.169	0.014	0.016	0.004	0.000	0.000	0.000	0.000	1410.90	-13.11
3	0.6956	1157.2	1177.7	1177.2	0.918	2.077	74.610	19.875	2.215	0.086	0.183	0.015	0.017	0.004	0.000	0.000	0.000	0.000	1412.00	-11.57
4	0.6968	1160.0	1180.6	1180.1	0.904	2.033	74.450	20.022	2.277	0.089	0.189	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1414.30	-10.54
5	0.6981	1161.7	1182.3	1181.8	0.907	2.054	74.273	20.086	2.353	0.093	0.197	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1414.96	-9.56
6	0.7013	1166.2	1186.9	1186.5	0.899	2.087	73.920	20.174	2.534	0.107	0.231	0.019	0.023	0.006	0.000	0.000	0.000	0.000	1417.27	-6.50
7	0.7042	1168.0	1188.7	1188.3	0.941	2.187	73.587	20.119	2.780	0.110	0.234	0.018	0.020	0.005	0.000	0.000	0.000	0.000	1416.52	-4.98
8	0.6960	1152.7	1173.1	1172.7	0.963	2.322	74.299	20.077	2.077	0.073	0.159	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1406.14	-13.39
9	0.6940	1146.1	1166.4	1166.0	0.954	2.547	74.720	19.400	2.109	0.073	0.164	0.013	0.015	0.004	0.000	0.000	0.000	0.000	1400.27	-14.55
10	0.6893	1144.9	1165.2	1164.8	0.955	2.181	75.320	19.529	1.793	0.061	0.133	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1403.41	-17.63
11	0.6900	1145.4	1165.7	1165.2	0.964	2.198	75.198	19.619	1.801	0.061	0.132	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1403.33	-17.39
12	0.6916	1148.5	1168.9	1168.5	0.951	2.180	74.977	19.768	1.888	0.066	0.141	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1405.51	-16.02
13	0.6851	1134.2	1154.3	1154.0	0.866	2.574	76.441	17.756	2.085	0.077	0.169	0.013	0.015	0.004	0.000	0.000	0.000	0.000	1394.47	-17.56
14	0.6951	1157.1	1177.6	1177.2	0.877	2.094	74.783	19.628	2.298	0.091	0.193	0.015	0.017	0.004	0.000	0.000	0.000	0.000	1412.41	-11.35
15	0.6957	1158.5	1179.0	1178.6	0.895	2.046	74.495	20.098	2.175	0.083	0.175	0.014	0.016	0.003	0.000	0.000	0.000	0.000	1413.45	-11.84
16	0.6985	1163.4	1184.0	1183.6	0.903	1.988	74.148	20.330	2.314	0.089	0.188	0.017	0.019	0.004	0.000	0.000	0.000	0.000	1416.73	-9.59
17	0.6983	1160.4	1181.0	1180.6	0.920	2.132	74.164	20.140	2.341	0.088	0.181	0.014	0.016	0.003	0.000	0.000	0.000	0.000	1413.19	-10.26
18	0.6943	1154.3	1174.7	1174.4	0.925	2.123	74.595	20.062	2.038	0.074	0.153	0.013	0.015	0.003	0.000	0.000	0.000	0.000	1409.81	-13.77
19	0.6922	1150.7	1171.1	1170.7	0.932	2.128	74.893	19.883	1.924	0.068	0.143	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1407.61	-15.44
20	0.6901	1145.8	1166.1	1165.8	0.898	2.281	75.231	19.458	1.894	0.066	0.143	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1403.72	-16.62
21	0.6932	1154.5	1174.9	1174.5	0.911	2.042	74.678	20.172	1.952	0.070	0.148	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1411.10	-14.54
22	0.6907	1150.0	1170.4	1170.0	0.907	2.075	75.125	19.778	1.869	0.069	0.147	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1408.24	-15.88
23	0.6898	1150.1	1170.5	1170.2	0.912	1.968	75.246	19.839	1.805	0.065	0.136	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1409.36	-16.73
24	0.6863	1144.0	1164.3	1164.0	0.902	2.030	75.929	19.111	1.794	0.067	0.140	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1405.39	-18.27
25	0.6898	1150.1	1170.5	1170.1	0.907	1.984	75.138	20.012	1.745	0.061	0.128	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1409.25	-17.29
26	0.6901	1150.4	1170.8	1170.5	0.908	1.989	75.104	20.016	1.767	0.061	0.129	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1409.38	-17.06
27	0.6901	1150.4	1170.7	1170.4	0.910	1.988	75.088	20.052	1.749	0.061	0.127	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1409.32	-17.17
28	0.6871	1146.1	1166.4	1166.1	0.897	1.983	75.577	19.691	1.640	0.061	0.126	0.010	0.012	0.002	0.000	0.000	0.000	0.000	1407.18	-18.96
29	0.6874	1147.4	1167.8	1167.4	0.892	1.943	75.293	20.239	1.422	0.060	0.126	0.010	0.012	0.002	0.000	0.000	0.000	0.000	1408.47	-19.60
30	0.6971	1154.8	1175.2	1174.9	0.942	2.327	74.099	20.331	1.979	0.085	0.195	0.017	0.020	0.005	0.000	0.000	0.000	0.000	1407.63	-11.94
31	0.6908	1151.5	1171.9	1171.6	0.915	1.972	74.947	20.232	1.707	0.064	0.136	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1410.05	-16.78
<b>Avg</b>	<b>0.6931</b>	<b>1153.0</b>	<b>1173.0</b>	<b>1172.6</b>	<b>0.916</b>	<b>2.120</b>	<b>74.845</b>	<b>19.838</b>	<b>2.013</b>	<b>0.075</b>	<b>0.160</b>	<b>0.013</b>	<b>0.015</b>	<b>0.003</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1409.01</b>	<b>-14.21</b>

# Source Daily Summary

October 2025

Source #: 601  
Name: TIOGA STN-ROBINSON LAKE PLNT

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.7570	1184.7	1205.7	1205.2	0.999	6.027	66.020	20.426	5.790	0.191	0.469	0.032	0.037	0.009	0.000	0.000	0.000	0.000	1385.77	
2	0.7560	1184.1	1205.0	1204.5	1.001	5.971	66.064	20.565	5.698	0.183	0.444	0.031	0.035	0.009	0.000	0.000	0.000	0.000	1385.90	
3	0.7566	1185.0	1206.0	1205.4	0.995	5.980	66.022	20.538	5.743	0.188	0.457	0.032	0.036	0.010	0.000	0.000	0.000	0.000	1386.46	
4	0.7544	1181.2	1202.1	1201.7	0.992	6.010	66.219	20.493	5.616	0.177	0.425	0.029	0.032	0.008	0.000	0.000	0.000	0.000	1384.02	
5	0.7572	1186.6	1207.6	1207.3	0.996	5.933	65.828	20.819	5.742	0.179	0.432	0.029	0.033	0.008	0.000	0.000	0.000	0.000	1387.81	
6	0.7555	1183.0	1204.0	1203.6	0.997	5.991	66.056	20.624	5.664	0.177	0.424	0.028	0.031	0.008	0.000	0.000	0.000	0.000	1385.18	
7	0.7562	1183.1	1204.1	1203.7	0.994	6.056	65.956	20.602	5.725	0.178	0.425	0.027	0.030	0.008	0.000	0.000	0.000	0.000	1384.66	
8	0.7562	1183.9	1204.9	1204.4	0.994	6.014	65.982	20.614	5.710	0.180	0.438	0.029	0.032	0.008	0.000	0.000	0.000	0.000	1385.50	
9	0.7570	1184.2	1205.2	1204.8	0.991	6.069	65.893	20.590	5.755	0.184	0.448	0.029	0.033	0.008	0.000	0.000	0.000	0.000	1385.19	
10	0.7555	1180.6	1201.5	1201.0	0.987	6.162	65.984	20.547	5.662	0.175	0.420	0.027	0.030	0.007	0.000	0.000	0.000	0.000	1382.24	
11	0.7579	1186.3	1207.3	1206.8	0.990	6.032	65.749	20.729	5.799	0.184	0.444	0.030	0.034	0.009	0.000	0.000	0.000	0.000	1386.75	
12	0.7580	1186.0	1207.1	1206.8	0.989	6.053	65.724	20.744	5.789	0.185	0.444	0.030	0.034	0.008	0.000	0.000	0.000	0.000	1386.44	
13	0.7159	1141.1	1161.3	1161.0	0.818	5.100	72.413	16.907	4.209	0.145	0.349	0.024	0.028	0.007	0.000	0.000	0.000	0.000	1372.74	
14	0.6702	1096.4	1115.8	1115.5	0.625	3.825	79.644	13.086	2.437	0.099	0.237	0.019	0.022	0.006	0.000	0.000	0.000	0.000	1363.03	
15	0.6914	1117.3	1137.1	1136.8	0.724	4.395	76.313	14.845	3.252	0.122	0.295	0.022	0.025	0.006	0.000	0.000	0.000	0.000	1367.63	
16	0.7568	1187.0	1208.0	1207.7	0.983	5.895	66.023	20.600	5.775	0.186	0.456	0.034	0.039	0.009	0.000	0.000	0.000	0.000	1388.60	
17	0.7590	1188.3	1209.4	1209.0	0.995	5.993	65.661	20.779	5.854	0.189	0.450	0.032	0.036	0.009	0.000	0.000	0.000	0.000	1388.17	
18	0.7573	1184.8	1205.8	1205.5	0.995	6.059	65.864	20.600	5.774	0.189	0.446	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1385.56	
19	0.7580	1186.5	1207.5	1207.2	1.001	6.008	65.794	20.684	5.791	0.192	0.456	0.031	0.035	0.009	0.000	0.000	0.000	0.000	1386.94	
20	0.7573	1185.4	1206.4	1206.1	0.990	6.028	65.928	20.548	5.764	0.192	0.472	0.032	0.037	0.010	0.000	0.000	0.000	0.000	1386.29	
21	0.7260	1168.6	1189.3	1188.9	0.960	4.169	70.321	20.067	3.957	0.138	0.329	0.024	0.028	0.008	0.000	0.000	0.000	0.000	1396.16	
22	0.6967	1141.7	1162.0	1161.6	0.887	3.157	75.062	17.715	2.703	0.121	0.292	0.025	0.030	0.009	0.000	0.000	0.000	0.000	1392.12	
23	0.6948	1153.9	1174.3	1174.0	0.930	2.180	74.594	19.956	2.047	0.079	0.174	0.015	0.019	0.006	0.000	0.000	0.000	0.000	1408.86	
24	0.6922	1152.6	1173.0	1172.6	0.920	2.036	74.880	20.025	1.891	0.070	0.148	0.013	0.015	0.004	0.000	0.000	0.000	0.000	1409.86	
25	0.6969	1155.9	1176.3	1175.9	0.946	2.241	74.305	20.030	2.162	0.086	0.191	0.016	0.019	0.005	0.000	0.000	0.000	0.000	1409.11	
26	0.6988	1157.2	1177.7	1177.3	0.956	2.315	74.061	20.093	2.243	0.088	0.200	0.017	0.021	0.006	0.000	0.000	0.000	0.000	1408.84	
27	0.6978	1155.7	1176.2	1175.9	0.958	2.308	74.211	20.001	2.196	0.086	0.195	0.018	0.021	0.006	0.000	0.000	0.000	0.000	1408.05	
28	0.6939	1152.5	1172.9	1172.6	0.931	2.181	74.743	19.821	2.045	0.075	0.167	0.014	0.017	0.005	0.000	0.000	0.000	0.000	1408.05	
29	0.6970	1153.6	1174.1	1173.8	0.944	2.388	74.175	20.111	2.056	0.087	0.199	0.016	0.019	0.005	0.000	0.000	0.000	0.000	1406.35	
30	0.7108	1165.8	1186.5	1186.2	0.996	2.853	72.334	20.637	2.701	0.121	0.293	0.025	0.031	0.008	0.000	0.000	0.000	0.000	1407.31	
31	0.6908	1151.0	1171.4	1171.1	0.915	2.006	74.921	20.256	1.666	0.065	0.141	0.012	0.014	0.004	0.000	0.000	0.000	0.000	1409.39	
Avg	0.7303	1168.0	1188.6	1188.2	0.948	4.627	69.766	19.808	4.297	0.146	0.347	0.025	0.029	0.007	0.000	0.000	0.000	0.000	1391.26	

# Source Daily Summary

October 2025

Source #: 091  
Name: MNT BRD-PLRMO BRD-BIS STN

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.7570	1182.3	1203.2	1202.7	1.016	6.151	66.037	20.239	5.819	0.194	0.469	0.032	0.036	0.007	0.000	0.000	0.000	0.000	1382.88	
2	0.7579	1184.2	1205.2	1204.7	1.019	6.113	65.761	20.604	5.805	0.185	0.443	0.030	0.033	0.006	0.000	0.000	0.000	0.000	1384.36	
3	0.7573	1182.9	1203.8	1203.3	1.013	6.150	65.852	20.504	5.779	0.186	0.446	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1383.30	
4	0.7583	1184.9	1205.8	1205.4	1.012	6.122	65.736	20.573	5.849	0.188	0.450	0.030	0.033	0.006	0.000	0.000	0.000	0.000	1384.74	
5	0.7573	1183.1	1204.1	1203.6	1.010	6.134	65.816	20.587	5.766	0.183	0.438	0.028	0.031	0.006	0.000	0.000	0.000	0.000	1383.64	
6	0.7578	1183.9	1204.9	1204.4	1.010	6.133	65.762	20.603	5.798	0.186	0.444	0.029	0.031	0.006	0.000	0.000	0.000	0.000	1384.09	
7	0.7567	1181.9	1202.9	1202.4	1.010	6.152	65.882	20.546	5.729	0.182	0.435	0.028	0.030	0.006	0.000	0.000	0.000	0.000	1382.79	
8	0.7570	1182.2	1203.1	1202.6	1.004	6.170	65.877	20.490	5.766	0.186	0.443	0.028	0.031	0.006	0.000	0.000	0.000	0.000	1382.85	
9	0.7578	1182.8	1203.8	1203.3	1.002	6.214	65.711	20.596	5.788	0.184	0.439	0.028	0.031	0.006	0.000	0.000	0.000	0.000	1382.80	
10	0.7596	1185.9	1206.9	1206.4	1.003	6.191	65.510	20.690	5.893	0.189	0.455	0.030	0.033	0.007	0.000	0.000	0.000	0.000	1384.81	
11	0.7607	1187.8	1208.9	1208.4	1.003	6.175	65.395	20.743	5.951	0.193	0.467	0.031	0.035	0.007	0.000	0.000	0.000	0.000	1386.06	
12	0.7593	1184.0	1205.0	1204.5	0.998	6.287	65.579	20.511	5.906	0.192	0.458	0.030	0.034	0.007	0.000	0.000	0.000	0.000	1382.86	
13	0.7578	1180.8	1201.7	1201.2	1.003	6.336	65.815	20.260	5.882	0.192	0.450	0.027	0.029	0.006	0.000	0.000	0.000	0.000	1380.44	
14	0.7599	1186.8	1207.8	1207.4	0.998	6.169	65.588	20.552	5.939	0.200	0.482	0.031	0.035	0.007	0.000	0.000	0.000	0.000	1385.59	
15	0.7612	1190.2	1211.2	1210.8	1.003	6.076	65.439	20.718	5.988	0.204	0.494	0.033	0.037	0.007	0.000	0.000	0.000	0.000	1388.33	
16	0.7592	1186.6	1207.6	1207.2	1.006	6.104	65.668	20.604	5.870	0.197	0.478	0.032	0.036	0.007	0.000	0.000	0.000	0.000	1386.00	
17	0.7623	1191.9	1213.0	1212.5	1.003	6.080	65.264	20.853	6.008	0.207	0.504	0.035	0.039	0.007	0.000	0.000	0.000	0.000	1389.28	
18	0.7585	1185.2	1206.2	1205.8	1.006	6.128	65.748	20.541	5.830	0.197	0.474	0.032	0.036	0.008	0.000	0.000	0.000	0.000	1384.96	
19	0.7584	1185.0	1206.0	1205.6	1.007	6.129	65.732	20.581	5.819	0.194	0.466	0.031	0.034	0.007	0.000	0.000	0.000	0.000	1384.82	
20	0.7576	1183.5	1204.5	1204.0	1.007	6.147	65.814	20.542	5.772	0.191	0.457	0.030	0.033	0.007	0.000	0.000	0.000	0.000	1383.77	
21	0.7591	1185.9	1206.9	1206.5	1.003	6.147	65.644	20.591	5.881	0.196	0.468	0.030	0.033	0.006	0.000	0.000	0.000	0.000	1385.21	
22	0.7091	1159.8	1180.4	1179.9	0.947	3.130	72.990	19.345	3.113	0.124	0.292	0.023	0.028	0.007	0.000	0.000	0.000	0.000	1401.92	
23	0.7490	1177.8	1198.7	1198.3	0.984	5.715	67.041	20.291	5.308	0.178	0.420	0.027	0.030	0.006	0.000	0.000	0.000	0.000	1385.15	
24	0.7582	1183.1	1204.1	1203.6	1.002	6.232	65.758	20.453	5.824	0.195	0.467	0.030	0.033	0.006	0.000	0.000	0.000	0.000	1382.80	
25	0.7586	1183.8	1204.8	1204.4	1.000	6.231	65.645	20.587	5.813	0.193	0.462	0.030	0.033	0.006	0.000	0.000	0.000	0.000	1383.26	
26	0.7593	1185.3	1206.3	1205.9	1.003	6.206	65.595	20.585	5.868	0.197	0.473	0.031	0.035	0.006	0.000	0.000	0.000	0.000	1384.28	
27	0.7595	1185.6	1206.6	1206.2	1.003	6.206	65.547	20.641	5.863	0.196	0.472	0.031	0.035	0.007	0.000	0.000	0.000	0.000	1384.46	
28	0.7590	1184.3	1205.3	1204.9	1.003	6.235	65.599	20.591	5.846	0.193	0.462	0.030	0.033	0.007	0.000	0.000	0.000	0.000	1383.45	
29	0.7521	1177.8	1198.7	1198.3	0.983	6.003	67.020	19.554	5.613	0.218	0.524	0.036	0.040	0.008	0.000	0.000	0.000	0.000	1382.26	
30	0.7580	1177.8	1198.7	1198.3	0.980	6.562	66.428	19.036	6.040	0.250	0.602	0.043	0.049	0.011	0.000	0.000	0.000	0.000	1376.82	
31	0.7571	1181.8	1202.7	1202.3	1.007	6.203	65.866	20.449	5.787	0.184	0.438	0.028	0.031	0.007	0.000	0.000	0.000	0.000	1382.23	
<b>Avg</b>	<b>0.7565</b>	<b>1183.0</b>	<b>1204.1</b>	<b>1203.7</b>	<b>1.002</b>	<b>6.066</b>	<b>66.036</b>	<b>20.434</b>	<b>5.739</b>	<b>0.192</b>	<b>0.460</b>	<b>0.030</b>	<b>0.034</b>	<b>0.007</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1384.52</b>	

# Gas Composition and Properties

Effective October 1, 2021

Attachment B  
Page 8 of 25

Source #: 2501030  
Name: LIGNITE PLANT

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	0.2283		0.5237
Nitrogen (N2)	2.9631		4.3268
Methane (C1)	79.4957		66.4767
Ethane (C2)	15.2390	4.0765	23.8852
Propane (C3)	2.0456	0.5637	4.7019
Isobutane (IC4)	0.0244	0.0080	0.0739
n-Butane (NC4)	0.0039	0.0012	0.0118
Isopentane (IC5)			
n-Pentane (NC5)			
Hexanes Plus (C6+)			
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
<b>Totals</b>	<b>100.0000</b>	<b>4.6490</b>	<b>100.0000</b>

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	
Cricondentherm	-32.804
HV, Dry @ Base P, T	1130.73
HV, Sat @ Base P, T	1111.05
HV, Sat @ Sample P, T	1130.73
Relative Density	0.6640

C6+: 100

**Sample**

Date: 10/01/2021                      Type:

Tech: Wayne Sampson

Pressure:                                      Temp.:

Gauge:    H2O:

Atm. Pressure:                                      H2S:

Remarks:

**Analysis**

Date:    Instrument:

Tech:    Cylinder:

Remarks:

# Gas Composition and Properties

Effective October 1, 2025

Attachment B  
Page 9 of 25

Source #: 3002013  
Name: EPPING BORDER

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	0.9199		2.0046	Pressure Base	14.73
Nitrogen (N2)	2.2774		3.1590	Temperature Base	60
Methane (C1)	74.1125		58.8720	HCDP @ Sample Pressure	-11.089
Ethane (C2)	19.9605	5.3414	29.7191	Cricondentherm	-7.518
Propane (C3)	2.3861	0.6578	5.2099	HV, Dry @ Base P, T	1179.95
Isobutane (IC4)	0.0941	0.0308	0.2708	HV, Sat @ Base P, T	1159.41
n-Butane (NC4)	0.1997	0.0630	0.5747	HV, Sat @ Sample P, T	1179.95
Isopentane (IC5)	0.0142	0.0052	0.0507	Relative Density	0.6992
n-Pentane (NC5)	0.0182	0.0066	0.0650		
Hexanes Plus (C6+)	0.0174	0.0072	0.0742		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)					
				C6+: 100	
<b>Totals</b>	<b>100.0000</b>	<b>6.1120</b>	<b>100.0000</b>		

**Sample**

Date: 10/01/2025                      Type:

Tech: Joshua Tipton

Pressure:                      580.0 psi      Temp.:                      °F

Gauge:                              Gauge              H2O:

Atm. Pressure:                      H2S:

Remarks:

**Analysis**

Date:                                      Instrument:

    Cylinder:      327

Tech:

Remarks:

\*\*\* End of Report \*\*\*

# Source Daily Summary

October 2025

Source #: 603  
Name: TIOGA STN-COUNTY LINE PLANT

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.7351	1191.0	1212.1	1211.6	1.091	3.406	69.557	21.196	3.949	0.190	0.487	0.045	0.059	0.020	0.000	0.000	0.000	0.000	1413.69	
2	0.7366	1192.5	1213.6	1213.2	1.090	3.492	69.508	20.882	4.073	0.216	0.571	0.060	0.079	0.029	0.000	0.000	0.000	0.000	1414.13	
3	0.7339	1189.3	1210.4	1209.9	1.091	3.442	69.747	20.877	3.987	0.200	0.516	0.051	0.066	0.025	0.000	0.000	0.000	0.000	1412.83	
4	0.7294	1182.6	1203.5	1203.0	1.094	3.422	70.063	21.005	3.711	0.171	0.425	0.039	0.051	0.018	0.000	0.000	0.000	0.000	1409.22	
5	0.7280	1179.9	1200.8	1200.4	1.095	3.457	70.103	21.095	3.591	0.163	0.400	0.035	0.045	0.015	0.000	0.000	0.000	0.000	1407.38	
6	0.7286	1180.8	1201.7	1201.3	1.096	3.453	70.056	21.086	3.642	0.165	0.405	0.036	0.045	0.015	0.000	0.000	0.000	0.000	1407.90	
7	0.7372	1194.2	1215.3	1214.9	1.093	3.444	69.258	21.154	4.207	0.205	0.516	0.046	0.058	0.021	0.000	0.000	0.000	0.000	1415.53	
8	0.7414	1201.1	1222.3	1221.8	1.089	3.424	68.906	21.156	4.470	0.225	0.584	0.054	0.068	0.024	0.000	0.000	0.000	0.000	1419.60	
9	0.7369	1193.2	1214.3	1213.9	1.085	3.490	69.737	20.394	4.301	0.222	0.600	0.061	0.080	0.028	0.000	0.000	0.000	0.000	1414.57	
10	0.7442	1205.7	1227.0	1226.6	1.087	3.405	68.982	20.580	4.899	0.248	0.643	0.059	0.074	0.023	0.000	0.000	0.000	0.000	1422.33	
11	0.7384	1196.7	1217.9	1217.4	1.097	3.395	69.465	20.714	4.371	0.221	0.574	0.057	0.076	0.029	0.000	0.000	0.000	0.000	1417.31	
12	0.7325	1187.2	1208.2	1207.8	1.099	3.422	70.037	20.530	4.106	0.197	0.490	0.044	0.056	0.019	0.000	0.000	0.000	0.000	1411.70	
13	0.7287	1179.9	1200.8	1200.4	1.073	3.554	70.352	20.364	3.966	0.175	0.430	0.033	0.040	0.012	0.000	0.000	0.000	0.000	1406.70	
14	0.7249	1178.5	1199.4	1199.0	1.065	3.288	71.172	19.988	3.678	0.186	0.490	0.048	0.063	0.020	0.000	0.000	0.000	0.000	1408.75	
15	0.7235	1176.0	1196.8	1196.4	1.145	3.200	70.882	20.775	3.352	0.148	0.380	0.040	0.055	0.024	0.000	0.000	0.000	0.000	1407.04	
16	0.7168	1165.1	1185.7	1185.3	1.143	3.230	72.254	19.415	3.285	0.150	0.387	0.045	0.061	0.029	0.000	0.000	0.000	0.000	1400.53	
17	0.7143	1158.9	1179.4	1179.0	1.160	3.355	72.330	19.518	3.039	0.138	0.347	0.039	0.053	0.021	0.000	0.000	0.000	0.000	1395.48	
18	0.7226	1171.9	1192.6	1192.2	1.164	3.336	71.177	20.253	3.383	0.156	0.398	0.046	0.062	0.023	0.000	0.000	0.000	0.000	1402.97	
19	0.7201	1165.7	1186.4	1186.0	1.112	3.557	71.595	19.627	3.446	0.161	0.394	0.039	0.051	0.020	0.000	0.000	0.000	0.000	1398.01	
20	0.7268	1178.0	1198.8	1198.4	1.095	3.463	70.825	20.007	3.859	0.178	0.454	0.043	0.056	0.020	0.000	0.000	0.000	0.000	1406.15	
21	0.7241	1173.2	1194.0	1193.6	1.106	3.474	71.105	19.915	3.707	0.168	0.424	0.036	0.046	0.017	0.000	0.000	0.000	0.000	1403.21	
22	0.7276	1179.0	1199.8	1199.5	1.102	3.462	70.714	20.038	3.940	0.186	0.459	0.038	0.047	0.014	0.000	0.000	0.000	0.000	1406.62	
23	0.7261	1176.0	1196.8	1196.5	1.104	3.503	70.819	20.117	3.705	0.180	0.454	0.043	0.056	0.020	0.000	0.000	0.000	0.000	1404.50	
24	0.7272	1178.5	1199.3	1199.0	1.103	3.451	70.607	20.366	3.731	0.181	0.452	0.041	0.052	0.016	0.000	0.000	0.000	0.000	1406.45	
25	0.7318	1185.1	1206.1	1205.8	1.109	3.470	69.945	20.780	3.905	0.192	0.482	0.044	0.056	0.017	0.000	0.000	0.000	0.000	1409.92	
26	0.7330	1186.7	1207.8	1207.4	1.120	3.469	69.806	20.859	3.925	0.193	0.495	0.048	0.063	0.021	0.000	0.000	0.000	0.000	1410.66	
27	0.7299	1182.0	1202.9	1202.6	1.113	3.481	70.191	20.628	3.825	0.184	0.464	0.042	0.055	0.017	0.000	0.000	0.000	0.000	1407.97	
28	0.7266	1175.8	1196.6	1196.3	1.106	3.555	70.616	20.337	3.657	0.178	0.445	0.040	0.051	0.017	0.000	0.000	0.000	0.000	1403.83	
29	0.7281	1178.5	1199.4	1199.1	1.102	3.538	70.315	20.646	3.669	0.175	0.446	0.040	0.052	0.017	0.000	0.000	0.000	0.000	1405.64	
30	0.7318	1184.4	1205.4	1205.1	1.086	3.544	69.999	20.569	4.033	0.184	0.470	0.043	0.055	0.017	0.000	0.000	0.000	0.000	1409.12	
31	0.7303	1182.1	1203.1	1202.7	1.080	3.556	70.139	20.534	3.952	0.178	0.454	0.040	0.051	0.016	0.000	0.000	0.000	0.000	1407.80	
<b>Avg</b>	<b>0.7296</b>	<b>1182.0</b>	<b>1203.2</b>	<b>1202.8</b>	<b>1.103</b>	<b>3.443</b>	<b>70.331</b>	<b>20.497</b>	<b>3.850</b>	<b>0.184</b>	<b>0.469</b>	<b>0.044</b>	<b>0.058</b>	<b>0.020</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1408.63</b>	

# Source Daily Summary

October 2025

Source #: 043  
Name: BISMARCK STN-CLEVELAND STN

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.5831	1018.7	1036.7	1036.1	0.528	0.529	94.772	4.035	0.122	0.005	0.008	0.000	0.000	0.002	0.000	0.000	0.000	0.000	1357.65	
2	0.5827	1017.8	1035.9	1035.2	0.557	0.493	94.898	3.921	0.118	0.005	0.006	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1357.03	
3	0.5823	1016.7	1034.7	1034.1	0.576	0.494	95.001	3.796	0.120	0.005	0.007	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1356.02	
4	0.5827	1017.5	1035.6	1035.0	0.586	0.465	94.939	3.874	0.123	0.005	0.007	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1356.66	
5	0.5832	1018.3	1036.4	1035.9	0.584	0.476	94.847	3.928	0.147	0.007	0.008	0.001	0.000	0.001	0.000	0.000	0.000	0.000	1357.00	
6	0.7492	1177.7	1198.6	1197.3	0.939	5.810	67.224	19.773	5.589	0.175	0.429	0.026	0.028	0.007	0.000	0.000	0.000	0.000	1384.89	
7	0.7554	1184.3	1205.3	1204.1	0.953	5.978	66.190	20.399	5.788	0.182	0.448	0.027	0.029	0.007	0.000	0.000	0.000	0.000	1386.71	
8	0.7543	1181.9	1202.8	1201.7	0.949	6.028	66.351	20.238	5.740	0.183	0.449	0.027	0.028	0.007	0.000	0.000	0.000	0.000	1384.88	
9	0.7563	1184.7	1205.7	1204.6	0.949	6.038	66.076	20.393	5.835	0.185	0.457	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1386.43	
10	0.7580	1187.6	1208.6	1207.6	0.948	6.025	65.865	20.507	5.923	0.190	0.471	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1388.19	
11	0.7593	1190.0	1211.0	1209.9	0.948	6.003	65.726	20.570	5.999	0.195	0.485	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1389.77	
12	0.7566	1183.1	1204.1	1202.8	0.943	6.171	66.026	20.288	5.860	0.188	0.459	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1384.28	
13	0.7560	1182.2	1203.1	1201.8	0.946	6.164	66.174	20.113	5.893	0.189	0.459	0.027	0.028	0.007	0.000	0.000	0.000	0.000	1383.78	
14	0.7574	1186.6	1207.6	1206.3	0.945	6.029	66.029	20.339	5.898	0.198	0.491	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1387.64	
15	0.7587	1190.2	1211.2	1210.0	0.950	5.928	65.904	20.462	5.974	0.201	0.504	0.032	0.035	0.009	0.000	0.000	0.000	0.000	1390.57	
16	0.7576	1188.3	1209.3	1208.2	0.953	5.939	66.031	20.396	5.913	0.199	0.495	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1389.37	
17	0.7607	1193.5	1214.6	1213.4	0.949	5.916	65.631	20.650	6.044	0.207	0.522	0.034	0.037	0.011	0.000	0.000	0.000	0.000	1392.62	
18	0.7570	1186.9	1207.9	1207.0	0.949	5.970	66.073	20.392	5.857	0.196	0.489	0.031	0.033	0.009	0.000	0.000	0.000	0.000	1388.33	
19	0.7567	1186.3	1207.3	1206.4	0.951	5.970	66.099	20.397	5.838	0.194	0.481	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1387.98	
20	0.7561	1185.5	1206.4	1205.6	0.952	5.973	66.099	20.481	5.766	0.190	0.470	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1387.42	
21	0.6585	1080.1	1099.2	1098.4	0.980	3.194	81.148	12.927	1.588	0.045	0.103	0.006	0.006	0.003	0.000	0.000	0.000	0.000	1354.78	
22	0.6986	1131.9	1151.9	1150.9	0.947	3.850	74.790	16.954	3.062	0.105	0.252	0.016	0.018	0.006	0.000	0.000	0.000	0.000	1378.39	
23	0.7416	1174.4	1195.2	1194.1	0.923	5.332	68.258	19.783	5.051	0.171	0.419	0.026	0.029	0.008	0.000	0.000	0.000	0.000	1387.94	
24	0.7571	1185.9	1206.9	1205.9	0.947	6.046	66.018	20.372	5.870	0.194	0.482	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1387.03	
25	0.7560	1183.5	1204.4	1203.3	0.946	6.088	66.187	20.221	5.815	0.194	0.479	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1385.24	
26	0.7577	1186.7	1207.8	1206.5	0.947	6.049	65.944	20.421	5.877	0.197	0.491	0.031	0.033	0.009	0.000	0.000	0.000	0.000	1387.49	
27	0.7580	1187.3	1208.3	1207.0	0.947	6.038	65.877	20.509	5.872	0.196	0.488	0.031	0.033	0.009	0.000	0.000	0.000	0.000	1387.92	
28	0.7573	1185.8	1206.8	1205.4	0.947	6.070	65.928	20.481	5.836	0.192	0.476	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1386.76	
29	0.7505	1179.3	1200.2	1198.9	0.936	5.839	67.216	19.644	5.568	0.206	0.511	0.034	0.037	0.010	0.000	0.000	0.000	0.000	1385.46	
30	0.7561	1178.1	1199.0	1197.9	0.926	6.449	66.904	18.643	6.074	0.259	0.639	0.043	0.048	0.014	0.000	0.000	0.000	0.000	1378.86	
31	0.7553	1182.7	1203.7	1202.6	0.953	6.057	66.290	20.168	5.810	0.190	0.466	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1385.03	
Avg	0.7229	1153.0	1173.1	1172.1	0.886	4.949	71.630	17.261	4.676	0.156	0.385	0.024	0.026	0.007	0.000	0.000	0.000	0.000	1380.71	

# Source Daily Summary

October 2025

Source #: 063  
Name: CLEVELAND STN-MAPLETON

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.5816	1016.7	1034.7	1034.2	0.583	0.422	95.126	3.762	0.097	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1356.77	
2	0.5815	1016.4	1034.4	1034.0	0.602	0.398	95.181	3.708	0.100	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1356.53	
3	0.5824	1018.1	1036.1	1035.7	0.610	0.371	95.019	3.876	0.113	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1357.70	
4	0.5830	1019.3	1037.3	1036.9	0.599	0.369	94.889	4.017	0.116	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1358.60	
5	0.5830	1019.4	1037.4	1037.0	0.583	0.392	94.869	4.029	0.115	0.006	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1358.68	
6	0.7492	1177.7	1198.6	1197.3	0.939	5.810	67.224	19.773	5.589	0.175	0.429	0.026	0.028	0.007	0.000	0.000	0.000	0.000	1384.89	
7	0.7554	1184.3	1205.3	1204.1	0.953	5.978	66.190	20.399	5.788	0.182	0.448	0.027	0.029	0.007	0.000	0.000	0.000	0.000	1386.71	
8	0.7543	1181.9	1202.8	1201.7	0.949	6.028	66.351	20.238	5.740	0.183	0.449	0.027	0.028	0.007	0.000	0.000	0.000	0.000	1384.88	
9	0.7563	1184.7	1205.7	1204.6	0.949	6.038	66.076	20.393	5.835	0.185	0.457	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1386.43	
10	0.7580	1187.6	1208.6	1207.6	0.948	6.025	65.865	20.507	5.923	0.190	0.471	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1388.19	
11	0.7593	1190.0	1211.0	1209.9	0.948	6.003	65.726	20.570	5.999	0.195	0.485	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1389.77	
12	0.7566	1183.1	1204.1	1203.3	0.943	6.171	66.030	20.287	5.860	0.188	0.459	0.028	0.030	0.004	0.000	0.000	0.000	0.000	1384.28	
13	0.7560	1182.2	1203.1	1202.8	0.946	6.164	66.181	20.113	5.893	0.189	0.459	0.027	0.028	0.000	0.000	0.000	0.000	0.000	1383.78	
14	0.7574	1186.6	1207.6	1207.3	0.945	6.029	66.038	20.339	5.898	0.198	0.491	0.030	0.033	0.000	0.000	0.000	0.000	0.000	1387.63	
15	0.7587	1190.1	1211.2	1210.9	0.950	5.928	65.915	20.461	5.973	0.201	0.504	0.032	0.035	0.000	0.000	0.000	0.000	0.000	1390.57	
16	0.7576	1188.3	1209.4	1209.0	0.953	5.939	66.040	20.396	5.913	0.199	0.496	0.031	0.034	0.000	0.000	0.000	0.000	0.000	1389.38	
17	0.7606	1193.4	1214.5	1213.8	0.949	5.916	65.643	20.647	6.040	0.207	0.521	0.034	0.037	0.005	0.000	0.000	0.000	0.000	1392.55	
18	0.7559	1185.9	1206.9	1206.3	0.946	5.934	66.266	20.287	5.818	0.195	0.486	0.031	0.033	0.004	0.000	0.000	0.000	0.000	1388.16	
19	0.7567	1186.3	1207.3	1207.0	0.951	5.970	66.108	20.397	5.838	0.194	0.481	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1387.98	
20	0.7561	1185.5	1206.4	1206.1	0.952	5.973	66.107	20.481	5.766	0.190	0.470	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1387.42	
21	0.6586	1080.2	1099.3	1098.6	0.980	3.196	81.135	12.936	1.593	0.045	0.103	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1354.80	
22	0.6986	1131.8	1151.9	1151.5	0.947	3.850	74.804	16.948	3.060	0.105	0.252	0.016	0.018	0.000	0.000	0.000	0.000	0.000	1378.37	
23	0.7383	1171.0	1191.7	1191.0	0.923	5.332	68.273	19.776	5.048	0.171	0.418	0.026	0.029	0.004	0.000	0.000	0.000	0.000	1387.08	
24	0.7570	1185.8	1206.8	1205.7	0.947	6.045	66.029	20.372	5.868	0.194	0.481	0.030	0.032	0.001	0.000	0.000	0.000	0.000	1387.00	
25	0.7560	1183.5	1204.4	1203.2	0.946	6.088	66.196	20.221	5.814	0.194	0.479	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1385.24	
26	0.7577	1186.7	1207.8	1207.3	0.947	6.049	65.953	20.421	5.877	0.197	0.491	0.031	0.033	0.000	0.000	0.000	0.000	0.000	1387.49	
27	0.7580	1187.3	1208.3	1208.0	0.947	6.038	65.886	20.508	5.872	0.196	0.488	0.031	0.033	0.000	0.000	0.000	0.000	0.000	1387.92	
28	0.7573	1185.8	1206.8	1206.5	0.947	6.070	65.936	20.481	5.836	0.192	0.476	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1386.76	
29	0.7504	1179.3	1200.2	1199.9	0.936	5.838	67.227	19.645	5.567	0.206	0.511	0.034	0.037	0.000	0.000	0.000	0.000	0.000	1385.46	
30	0.7561	1178.1	1199.0	1198.6	0.926	6.449	66.918	18.643	6.074	0.259	0.639	0.043	0.048	0.000	0.000	0.000	0.000	0.000	1378.86	
31	0.7553	1182.7	1203.7	1203.4	0.953	6.057	66.299	20.168	5.810	0.190	0.466	0.028	0.030	0.000	0.000	0.000	0.000	0.000	1385.03	
Avg	0.7227	1153.0	1173.0	1172.4	0.890	4.931	71.661	17.252	4.672	0.156	0.385	0.024	0.026	0.002	0.000	0.000	0.000	0.000	1380.80	

# Source Daily Summary

October 2025

Source #: 061  
Name: CLEVELAND STN-GRAFTON BDR

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.5816	1016.7	1034.7	1034.2	0.583	0.423	95.125	3.762	0.097	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1356.77	
2	0.5815	1016.4	1034.4	1033.9	0.602	0.398	95.181	3.708	0.100	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1356.53	
3	0.5824	1018.1	1036.1	1035.6	0.610	0.371	95.019	3.876	0.113	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1357.70	
4	0.5830	1019.3	1037.3	1036.8	0.599	0.369	94.889	4.017	0.116	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1358.60	
5	0.5830	1019.4	1037.4	1037.0	0.583	0.392	94.869	4.030	0.115	0.006	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1358.68	
6	0.5836	1020.7	1038.8	1038.3	0.574	0.379	94.734	4.193	0.108	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1359.75	
7	0.5973	1034.1	1052.4	1052.1	0.605	0.805	92.436	5.548	0.543	0.019	0.038	0.003	0.003	0.000	0.000	0.000	0.000	0.000	1362.26	
8	0.7543	1181.8	1202.7	1202.3	0.949	6.029	66.363	20.236	5.737	0.183	0.448	0.027	0.028	0.000	0.000	0.000	0.000	0.000	1384.83	
9	0.7563	1184.6	1205.6	1205.2	0.949	6.040	66.091	20.389	5.832	0.185	0.457	0.028	0.030	0.000	0.000	0.000	0.000	0.000	1386.36	
10	0.7580	1187.6	1208.7	1208.3	0.948	6.025	65.871	20.508	5.924	0.190	0.471	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1388.22	
11	0.7593	1189.9	1211.0	1210.6	0.948	6.004	65.738	20.569	5.998	0.194	0.485	0.031	0.034	0.000	0.000	0.000	0.000	0.000	1389.74	
12	0.7566	1183.1	1204.1	1203.9	0.943	6.171	66.031	20.290	5.861	0.188	0.459	0.028	0.030	0.000	0.000	0.000	0.000	0.000	1384.29	
13	0.7560	1182.2	1203.1	1202.9	0.946	6.164	66.182	20.112	5.893	0.189	0.459	0.027	0.028	0.000	0.000	0.000	0.000	0.000	1383.77	
14	0.7574	1186.6	1207.6	1207.4	0.945	6.031	66.036	20.339	5.898	0.198	0.491	0.030	0.033	0.000	0.000	0.000	0.000	0.000	1387.60	
15	0.7586	1190.0	1211.1	1210.8	0.950	5.928	65.924	20.458	5.968	0.201	0.503	0.032	0.035	0.000	0.000	0.000	0.000	0.000	1390.49	
16	0.7576	1188.3	1209.3	1209.1	0.953	5.939	66.042	20.395	5.912	0.199	0.495	0.031	0.034	0.000	0.000	0.000	0.000	0.000	1389.35	
17	0.7607	1193.5	1214.6	1213.9	0.949	5.916	65.638	20.649	6.043	0.207	0.521	0.034	0.037	0.005	0.000	0.000	0.000	0.000	1392.60	
18	0.7561	1186.0	1207.0	1206.4	0.947	5.939	66.251	20.294	5.819	0.195	0.486	0.031	0.033	0.004	0.000	0.000	0.000	0.000	1388.16	
19	0.7567	1186.3	1207.4	1207.1	0.951	5.970	66.107	20.398	5.838	0.194	0.481	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1387.99	
20	0.7561	1185.4	1206.4	1206.2	0.952	5.973	66.108	20.481	5.765	0.189	0.470	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1387.41	
21	0.6586	1080.2	1099.3	1098.7	0.980	3.195	81.139	12.934	1.592	0.045	0.103	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1354.80	
22	0.6997	1133.1	1153.1	1152.8	0.946	3.888	74.627	17.032	3.110	0.107	0.256	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1378.69	
23	0.7417	1174.5	1195.3	1195.0	0.923	5.336	68.255	19.789	5.053	0.171	0.419	0.026	0.029	0.000	0.000	0.000	0.000	0.000	1387.96	
24	0.7571	1185.8	1206.8	1206.1	0.947	6.047	66.028	20.372	5.868	0.194	0.481	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1386.99	
25	0.7560	1183.5	1204.4	1203.4	0.946	6.088	66.196	20.221	5.814	0.194	0.479	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1385.24	
26	0.7577	1186.8	1207.8	1207.3	0.947	6.049	65.952	20.421	5.878	0.197	0.491	0.031	0.033	0.000	0.000	0.000	0.000	0.000	1387.50	
27	0.7580	1187.3	1208.3	1208.1	0.947	6.038	65.886	20.509	5.872	0.196	0.488	0.031	0.033	0.000	0.000	0.000	0.000	0.000	1387.92	
28	0.7573	1185.8	1206.8	1206.5	0.947	6.070	65.936	20.481	5.836	0.192	0.476	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1386.76	
29	0.7504	1179.3	1200.2	1199.9	0.936	5.838	67.227	19.645	5.567	0.206	0.511	0.034	0.037	0.000	0.000	0.000	0.000	0.000	1385.45	
30	0.7561	1178.1	1198.9	1198.6	0.926	6.450	66.920	18.642	6.074	0.259	0.639	0.043	0.048	0.000	0.000	0.000	0.000	0.000	1378.85	
31	0.7550	1182.2	1203.2	1202.9	0.953	6.064	66.327	20.145	5.798	0.189	0.464	0.028	0.030	0.000	0.000	0.000	0.000	0.000	1384.68	
<b>Avg</b>	<b>0.7124</b>	<b>1143.0</b>	<b>1163.0</b>	<b>1162.6</b>	<b>0.867</b>	<b>4.591</b>	<b>73.391</b>	<b>16.272</b>	<b>4.327</b>	<b>0.146</b>	<b>0.358</b>	<b>0.023</b>	<b>0.024</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1379.22</b>	

# Source Daily Summary

October 2025

Source #: 662  
Name: MAPLETON-WAHPETON

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.5816	1016.7	1034.7	1034.4	0.583	0.422	95.126	3.762	0.097	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1356.77	-97.26
2	0.5815	1016.4	1034.4	1034.1	0.602	0.398	95.184	3.705	0.100	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1356.52	-97.36
3	0.5824	1018.1	1036.1	1035.7	0.610	0.371	95.019	3.876	0.113	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1357.70	-96.38
4	0.5830	1019.3	1037.3	1036.9	0.599	0.369	94.889	4.017	0.116	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1358.60	-95.79
5	0.5830	1019.4	1037.4	1037.0	0.583	0.392	94.869	4.030	0.115	0.006	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1358.68	-95.74
6	0.5836	1020.7	1038.8	1038.3	0.574	0.379	94.735	4.193	0.108	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1359.75	-95.16
7	0.5843	1021.6	1039.7	1038.6	0.577	0.386	94.593	4.326	0.109	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1360.15	-94.58
8	0.5839	1020.8	1038.8	1037.8	0.576	0.401	94.666	4.240	0.107	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1359.49	-95.01
9	0.5848	1022.0	1040.1	1039.1	0.576	0.407	94.492	4.398	0.115	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1360.16	-94.13
10	0.5852	1021.9	1040.0	1039.1	0.610	0.403	94.446	4.413	0.117	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1359.49	-93.91
11	0.5849	1022.4	1040.5	1039.6	0.587	0.378	94.495	4.408	0.120	0.006	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1360.51	-93.96
12	0.5854	1023.5	1041.6	1040.7	0.577	0.378	94.389	4.511	0.132	0.007	0.006	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1361.32	-93.29
13	0.5852	1023.3	1041.4	1041.2	0.573	0.376	94.408	4.511	0.121	0.006	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1361.34	-93.54
14	0.5861	1025.1	1043.2	1043.0	0.546	0.386	94.311	4.550	0.177	0.013	0.013	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1362.73	-91.83
15	0.5874	1027.1	1045.3	1045.0	0.528	0.412	93.924	5.001	0.125	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.93	-91.50
16	0.5875	1025.9	1044.1	1043.7	0.545	0.477	93.903	4.935	0.129	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.11	-91.68
17	0.5874	1026.0	1044.1	1043.8	0.557	0.440	93.940	4.933	0.121	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.40	-91.80
18	0.5877	1028.0	1046.2	1045.8	0.538	0.375	93.869	5.083	0.125	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.73	-91.06
19	0.5887	1030.6	1048.8	1048.4	0.512	0.351	93.693	5.271	0.157	0.008	0.007	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1366.98	-89.59
20	0.5877	1029.0	1047.2	1046.7	0.521	0.347	93.894	5.064	0.157	0.008	0.007	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1365.93	-90.48
21	0.5852	1024.8	1043.0	1042.7	0.520	0.365	94.334	4.671	0.101	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.34	-93.36
22	0.5854	1024.3	1042.4	1042.1	0.536	0.389	94.309	4.658	0.100	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.43	-93.40
23	0.5888	1029.9	1048.2	1047.9	0.531	0.370	93.649	5.312	0.124	0.007	0.005	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1366.01	-89.93
24	0.5908	1033.2	1051.5	1051.2	0.518	0.381	93.372	5.468	0.225	0.016	0.016	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1368.02	-86.47
25	0.5890	1030.6	1048.8	1048.5	0.512	0.378	93.592	5.383	0.121	0.007	0.006	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1366.63	-89.72
26	0.5893	1031.1	1049.4	1049.1	0.511	0.375	93.523	5.460	0.119	0.006	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1367.01	-89.49
27	0.5875	1028.3	1046.5	1046.3	0.518	0.367	93.876	5.120	0.108	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.37	-91.21
28	0.5873	1028.0	1046.2	1046.0	0.520	0.366	93.955	5.007	0.139	0.007	0.005	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1365.17	-91.13
29	0.5873	1028.1	1046.4	1046.1	0.519	0.355	93.948	5.037	0.131	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.39	-91.26
30	0.5872	1028.6	1046.8	1046.5	0.513	0.331	93.954	5.064	0.127	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.05	-91.21
31	0.5870	1027.9	1046.1	1045.9	0.518	0.340	94.003	5.006	0.122	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.47	-91.52
<b>Avg</b>	<b>0.5860</b>	<b>1025.0</b>	<b>1043.1</b>	<b>1042.6</b>	<b>0.551</b>	<b>0.383</b>	<b>94.237</b>	<b>4.691</b>	<b>0.125</b>	<b>0.006</b>	<b>0.005</b>	<b>0.001</b>	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1362.59</b>	<b>-92.67</b>

# Source Daily Summary

October 2025

Source #: 041  
Name: BISMARCK STN-GLEN ULLIN STN

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.7294	1156.4	1176.9	1176.1	0.835	5.404	70.782	17.210	5.082	0.174	0.437	0.031	0.032	0.013	0.000	0.000	0.000	0.000	1378.09	
2	0.7254	1156.1	1176.6	1175.7	0.886	4.981	71.241	17.470	4.825	0.157	0.384	0.024	0.026	0.007	0.000	0.000	0.000	0.000	1381.38	
3	0.7225	1152.4	1172.8	1171.9	0.877	4.939	71.782	17.045	4.757	0.156	0.385	0.025	0.027	0.008	0.000	0.000	0.000	0.000	1379.83	
4	0.7360	1165.8	1186.4	1185.8	0.909	5.344	69.504	18.417	5.184	0.167	0.413	0.026	0.028	0.008	0.000	0.000	0.000	0.000	1382.98	
5	0.7405	1170.6	1191.4	1190.7	0.918	5.461	68.660	19.033	5.296	0.165	0.407	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1384.48	
6	0.7549	1183.2	1204.2	1203.5	0.952	5.990	66.275	20.321	5.777	0.180	0.443	0.027	0.029	0.007	0.000	0.000	0.000	0.000	1386.00	
7	0.7556	1184.6	1205.6	1204.8	0.953	5.974	66.169	20.413	5.795	0.182	0.449	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1386.90	
8	0.7544	1182.0	1202.9	1202.1	0.950	6.024	66.338	20.255	5.741	0.183	0.447	0.027	0.028	0.007	0.000	0.000	0.000	0.000	1384.97	
9	0.7564	1184.9	1205.9	1205.1	0.949	6.038	66.066	20.392	5.843	0.186	0.459	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1386.54	
10	0.7578	1187.3	1208.3	1207.6	0.949	6.026	65.885	20.500	5.913	0.189	0.469	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1388.01	
11	0.7592	1189.8	1210.9	1210.0	0.948	6.005	65.737	20.564	5.995	0.194	0.484	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1389.66	
12	0.7570	1183.8	1204.8	1204.1	0.943	6.169	65.981	20.304	5.885	0.189	0.464	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1384.69	
13	0.7561	1182.3	1203.3	1202.6	0.946	6.165	66.160	20.124	5.898	0.189	0.458	0.027	0.028	0.007	0.000	0.000	0.000	0.000	1383.85	
14	0.7571	1186.2	1207.2	1206.5	0.946	6.029	66.061	20.324	5.883	0.197	0.489	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1387.38	
15	0.7584	1189.5	1210.6	1209.9	0.950	5.938	65.938	20.439	5.959	0.200	0.501	0.032	0.034	0.009	0.000	0.000	0.000	0.000	1390.11	
16	0.7577	1188.4	1209.4	1208.8	0.952	5.937	66.030	20.398	5.914	0.199	0.496	0.031	0.034	0.010	0.000	0.000	0.000	0.000	1389.45	
17	0.7602	1192.6	1213.8	1213.1	0.950	5.922	65.681	20.625	6.019	0.205	0.516	0.034	0.037	0.010	0.000	0.000	0.000	0.000	1392.06	
18	0.7573	1187.4	1208.4	1207.7	0.949	5.968	66.045	20.406	5.870	0.197	0.491	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1388.61	
19	0.7566	1186.2	1207.2	1206.5	0.951	5.971	66.108	20.391	5.835	0.193	0.481	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1387.91	
20	0.7560	1185.2	1206.2	1205.5	0.952	5.975	66.118	20.470	5.758	0.189	0.469	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1387.25	
21	0.6630	1084.7	1103.9	1103.3	0.978	3.335	80.468	13.247	1.782	0.052	0.121	0.007	0.008	0.003	0.000	0.000	0.000	0.000	1356.00	
22	0.6936	1126.2	1146.2	1145.6	0.958	3.713	75.530	16.594	2.849	0.094	0.226	0.014	0.016	0.005	0.000	0.000	0.000	0.000	1376.40	
23	0.7340	1165.9	1186.6	1185.9	0.932	5.121	69.437	19.170	4.738	0.158	0.386	0.024	0.026	0.007	0.000	0.000	0.000	0.000	1385.04	
24	0.7571	1185.6	1206.6	1205.9	0.948	6.056	66.016	20.375	5.864	0.193	0.479	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1386.78	
25	0.7559	1183.3	1204.3	1203.5	0.946	6.090	66.209	20.193	5.816	0.195	0.481	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1385.14	
26	0.7574	1186.2	1207.2	1206.4	0.947	6.054	65.980	20.403	5.860	0.196	0.487	0.031	0.033	0.009	0.000	0.000	0.000	0.000	1387.10	
27	0.7578	1187.1	1208.1	1207.5	0.948	6.039	65.893	20.501	5.865	0.196	0.486	0.031	0.033	0.009	0.000	0.000	0.000	0.000	1387.78	
28	0.7574	1186.0	1207.0	1206.4	0.947	6.069	65.915	20.488	5.842	0.192	0.477	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1386.88	
29	0.7503	1179.5	1200.4	1199.8	0.936	5.808	67.202	19.728	5.543	0.202	0.501	0.033	0.036	0.010	0.000	0.000	0.000	0.000	1385.86	
30	0.7561	1178.1	1199.0	1198.4	0.926	6.450	66.912	18.627	6.079	0.260	0.641	0.043	0.048	0.014	0.000	0.000	0.000	0.000	1378.87	
31	0.7146	1140.1	1160.2	1159.7	0.972	4.814	72.573	17.124	4.002	0.137	0.328	0.020	0.022	0.007	0.000	0.000	0.000	0.000	1372.70	
Avg	0.7453	1174.0	1194.9	1194.2	0.939	5.671	67.893	19.405	5.402	0.180	0.444	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1384.15	

# Source Daily Summary

October 2025

Source #: 271  
Name: DCKSN BRD-BLFD TSF-G.U. STN

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.7363	1168.5	1189.2	1188.3	0.882	5.253	69.262	18.914	5.080	0.164	0.391	0.026	0.028	0.000	0.000	0.000	0.000	0.000	1385.85	
2	0.7333	1162.9	1183.5	1182.5	0.880	5.313	69.842	18.337	4.992	0.172	0.407	0.027	0.029	0.000	0.000	0.000	0.000	0.000	1382.05	
3	0.7271	1157.1	1177.6	1176.7	0.865	5.104	70.734	17.979	4.754	0.154	0.362	0.023	0.025	0.000	0.000	0.000	0.000	0.000	1381.08	
4	0.7233	1153.4	1173.8	1173.2	0.855	4.995	71.434	17.482	4.660	0.156	0.367	0.024	0.026	0.000	0.000	0.000	0.000	0.000	1380.15	
5	0.7313	1160.7	1181.3	1180.7	0.876	5.269	70.066	18.282	4.913	0.162	0.381	0.024	0.026	0.000	0.000	0.000	0.000	0.000	1381.31	
6	0.7441	1175.0	1195.8	1195.2	0.898	5.562	67.915	19.673	5.327	0.170	0.401	0.026	0.028	0.000	0.000	0.000	0.000	0.000	1386.31	
7	0.7020	1143.6	1163.9	1163.2	1.083	3.275	71.654	22.833	1.063	0.027	0.058	0.003	0.003	0.000	0.000	0.000	0.000	0.000	1389.10	
8	0.7052	1146.8	1167.1	1166.4	1.070	3.397	71.368	22.660	1.377	0.037	0.082	0.004	0.005	0.000	0.000	0.000	0.000	0.000	1389.87	
9	0.7262	1162.8	1183.4	1182.7	1.015	4.461	68.924	22.246	3.028	0.091	0.209	0.012	0.013	0.000	0.000	0.000	0.000	0.000	1389.03	
10	0.7493	1179.1	1200.0	1199.3	0.946	5.733	66.574	21.068	5.087	0.163	0.381	0.023	0.025	0.000	0.000	0.000	0.000	0.000	1386.39	
11	0.7568	1184.6	1205.6	1204.8	0.923	6.141	65.722	20.838	5.706	0.183	0.432	0.027	0.029	0.000	0.000	0.000	0.000	0.000	1385.75	
12	0.7252	1162.6	1183.2	1182.6	1.028	4.365	68.979	22.449	2.860	0.089	0.205	0.012	0.014	0.000	0.000	0.000	0.000	0.000	1389.71	
13	0.7007	1143.3	1163.6	1163.0	1.095	3.150	71.572	23.373	0.760	0.017	0.033	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1390.07	
14	0.7011	1143.3	1163.6	1163.0	1.079	3.212	71.551	23.270	0.828	0.019	0.039	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1389.67	
15	0.6798	1110.3	1129.9	1129.4	1.032	3.282	76.547	17.653	1.343	0.041	0.090	0.006	0.007	0.000	0.000	0.000	0.000	0.000	1370.50	
16	0.6551	1078.9	1098.0	1097.5	1.040	2.854	81.476	13.348	1.139	0.042	0.086	0.008	0.008	0.000	0.000	0.000	0.000	0.000	1356.67	
17	0.6561	1079.9	1099.1	1098.4	1.036	2.901	80.760	14.405	0.842	0.020	0.034	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1356.77	
18	0.6600	1085.5	1104.7	1104.1	1.036	2.928	80.004	15.106	0.870	0.021	0.035	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1359.74	
19	0.6961	1136.2	1156.3	1155.6	1.105	3.139	72.658	22.171	0.860	0.021	0.043	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1385.86	
20	0.6818	1115.7	1135.4	1134.9	1.064	3.100	75.726	19.014	1.011	0.027	0.053	0.002	0.003	0.000	0.000	0.000	0.000	0.000	1375.02	
21	0.6492	1072.5	1091.4	1090.9	1.002	2.757	82.094	13.314	0.785	0.018	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1354.55	
22	0.6421	1062.8	1081.6	1081.1	0.988	2.696	83.557	11.919	0.790	0.019	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1349.82	
23	0.6414	1062.7	1081.5	1081.0	0.963	2.680	83.672	11.842	0.787	0.021	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1350.36	
24	0.6560	1082.9	1102.1	1101.5	1.003	2.756	80.694	14.740	0.757	0.019	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1360.65	
25	0.6884	1127.4	1147.3	1146.7	1.119	2.930	73.909	21.450	0.567	0.011	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1382.82	
26	0.6589	1087.6	1106.9	1106.3	1.010	2.731	80.329	14.912	0.949	0.025	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1363.58	
27	0.6987	1143.0	1163.3	1162.8	1.099	2.978	71.672	23.742	0.491	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1391.66	
28	0.6535	1079.5	1098.7	1098.2	1.005	2.725	81.279	14.099	0.836	0.021	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1359.00	
29	0.6985	1142.5	1162.8	1162.4	1.108	2.977	71.737	23.654	0.507	0.008	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1391.24	
30	0.6990	1142.6	1162.8	1162.5	1.128	2.990	71.647	23.710	0.507	0.008	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.81	
31	0.6990	1142.7	1162.9	1162.5	1.123	2.989	71.613	23.791	0.468	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.95	
Avg	0.6960	1129.0	1148.9	1148.3	1.011	3.698	74.031	18.977	2.063	0.062	0.140	0.008	0.009	0.000	0.000	0.000	0.000	0.000	1377.30	

# Source Daily Summary

October 2025

Source #: 051  
Name: CABIN CRK STN-BELFIELD TRSFR

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.6679	1077.5	1096.6	1096.1	1.188	3.925	78.844	14.711	1.219	0.036	0.069	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1341.82	
2	0.6621	1068.4	1087.3	1086.7	1.240	3.862	79.813	13.991	1.012	0.028	0.049	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1336.19	
3	0.6594	1063.3	1082.1	1081.6	1.261	3.881	80.286	13.567	0.934	0.026	0.041	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1332.63	
4	0.6619	1067.2	1086.1	1085.5	1.251	3.897	79.886	13.863	1.020	0.029	0.049	0.003	0.001	0.000	0.000	0.000	0.000	0.000	1334.91	
5	0.6687	1077.6	1096.6	1096.1	1.224	3.946	78.697	14.805	1.215	0.037	0.070	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1340.93	
6	0.6612	1066.7	1085.6	1085.1	1.271	3.828	79.945	13.945	0.946	0.025	0.039	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1335.07	
7	0.6709	1083.8	1102.9	1102.4	1.177	3.840	78.615	14.734	1.455	0.056	0.109	0.008	0.006	0.000	0.000	0.000	0.000	0.000	1346.48	
8	0.6737	1091.1	1110.4	1109.8	1.121	3.739	78.218	15.109	1.613	0.063	0.122	0.009	0.007	0.000	0.000	0.000	0.000	0.000	1352.87	
9	0.6718	1090.1	1109.4	1108.8	1.108	3.640	78.523	14.989	1.551	0.060	0.115	0.008	0.007	0.000	0.000	0.000	0.000	0.000	1353.55	
10	0.6718	1091.2	1110.5	1110.0	1.111	3.573	78.497	15.099	1.538	0.058	0.111	0.008	0.006	0.000	0.000	0.000	0.000	0.000	1354.89	
11	0.6694	1083.5	1102.7	1102.2	1.167	3.732	78.661	15.014	1.296	0.042	0.079	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1347.78	
12	0.6711	1089.0	1108.3	1108.0	1.064	3.705	78.596	14.912	1.536	0.060	0.113	0.008	0.006	0.000	0.000	0.000	0.000	0.000	1352.95	
13	0.6672	1081.7	1100.8	1100.6	1.110	3.727	79.144	14.522	1.346	0.049	0.091	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1347.63	
14	0.6690	1084.5	1103.7	1103.4	1.103	3.733	78.985	14.498	1.505	0.055	0.105	0.008	0.007	0.000	0.000	0.000	0.000	0.000	1349.34	
15	0.6712	1088.5	1107.7	1107.3	1.044	3.782	78.530	14.921	1.542	0.056	0.110	0.008	0.008	0.000	0.000	0.000	0.000	0.000	1352.13	
16	0.6766	1097.9	1117.4	1116.8	1.066	3.684	77.448	16.074	1.553	0.054	0.106	0.007	0.007	0.000	0.000	0.000	0.000	0.000	1358.36	
17	0.6741	1095.1	1114.5	1114.0	0.959	3.783	77.668	16.022	1.407	0.051	0.096	0.007	0.006	0.000	0.000	0.000	0.000	0.000	1357.43	
18	0.6781	1101.4	1120.9	1120.4	0.994	3.719	76.977	16.655	1.497	0.051	0.095	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1361.22	
19	0.6830	1115.3	1135.0	1134.5	0.937	3.419	76.252	17.491	1.712	0.059	0.114	0.008	0.008	0.000	0.000	0.000	0.000	0.000	1373.42	
20	0.6862	1121.1	1140.9	1140.4	0.940	3.366	75.646	18.114	1.734	0.062	0.121	0.009	0.008	0.000	0.000	0.000	0.000	0.000	1377.31	
21	0.6834	1113.2	1133.0	1132.4	1.128	3.302	75.467	18.970	1.055	0.027	0.046	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1370.40	
22	0.6667	1087.6	1106.9	1106.4	1.140	3.275	78.747	15.823	0.964	0.020	0.030	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1355.57	
23	0.6693	1097.8	1117.3	1116.8	0.981	3.129	78.796	15.499	1.442	0.049	0.092	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1365.68	
24	0.6854	1121.7	1141.5	1141.0	0.925	3.276	76.057	17.602	1.909	0.071	0.141	0.010	0.010	0.000	0.000	0.000	0.000	0.000	1378.83	
25	0.6844	1117.8	1137.6	1137.1	1.006	3.291	76.360	17.193	1.910	0.072	0.146	0.011	0.010	0.000	0.000	0.000	0.000	0.000	1375.12	
26	0.6876	1122.2	1142.1	1141.6	1.030	3.289	75.725	17.816	1.898	0.073	0.148	0.011	0.010	0.000	0.000	0.000	0.000	0.000	1377.30	
27	0.6907	1126.8	1146.8	1146.3	1.035	3.285	75.275	18.120	2.020	0.079	0.163	0.012	0.012	0.000	0.000	0.000	0.000	0.000	1379.93	
28	0.6878	1119.7	1139.5	1139.1	1.081	3.382	75.479	18.120	1.728	0.064	0.127	0.009	0.009	0.000	0.000	0.000	0.000	0.000	1374.04	
29	0.6830	1110.1	1129.8	1129.0	1.078	3.517	76.598	16.734	1.841	0.070	0.141	0.010	0.010	0.000	0.000	0.000	0.000	0.000	1367.08	
30	0.6826	1109.6	1129.3	1128.8	1.068	3.529	76.648	16.686	1.845	0.068	0.136	0.010	0.009	0.000	0.000	0.000	0.000	0.000	1366.81	
31	0.6847	1114.4	1134.2	1133.3	1.051	3.459	76.252	17.127	1.886	0.069	0.137	0.009	0.009	0.000	0.000	0.000	0.000	0.000	1370.65	
Avg	0.6749	1096.0	1115.4	1114.9	1.092	3.597	77.762	15.894	1.488	0.052	0.100	0.007	0.006	0.000	0.000	0.000	0.000	0.000	1357.69	

# Source Daily Summary

October 2025

Source #: 111  
Name: LITTLE KNIFE PLANT

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.6977	1140.1	1160.3	1158.8	1.170	2.956	71.949	23.412	0.498	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.08	-24.48
2	0.6975	1139.6	1159.7	1158.1	1.173	2.963	72.005	23.338	0.506	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.64	-24.60
3	0.6974	1139.9	1160.1	1158.3	1.166	2.942	72.015	23.358	0.503	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.18	-24.58
4	0.6973	1139.6	1159.8	1158.2	1.168	2.944	72.009	23.391	0.471	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.94	-24.78
5	0.6971	1139.3	1159.5	1157.9	1.170	2.943	72.054	23.347	0.472	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.76	-24.89
6	0.6969	1138.9	1159.1	1157.2	1.178	2.937	72.105	23.288	0.477	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.48	-24.97
7	0.6974	1140.1	1160.3	1158.4	1.176	2.918	72.013	23.392	0.486	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.35	-24.63
8	0.6971	1139.6	1159.8	1158.2	1.154	2.949	72.061	23.331	0.490	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.12	-24.79
9	0.6971	1139.5	1159.6	1157.7	1.168	2.944	72.066	23.312	0.495	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.86	-24.77
10	0.6973	1139.1	1159.2	1157.6	1.177	2.970	72.037	23.303	0.497	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.22	-24.75
11	0.6975	1139.4	1159.6	1157.9	1.173	2.964	72.016	23.321	0.508	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.54	-24.59
12	0.6974	1139.2	1159.4	1157.8	1.175	2.968	72.000	23.374	0.467	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.34	-24.84
13	0.6972	1139.0	1159.2	1157.1	1.166	2.982	72.030	23.322	0.483	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.23	-24.82
14	0.6964	1138.3	1158.5	1156.3	1.167	2.943	72.215	23.167	0.491	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.25	-25.13
15	0.6972	1140.0	1160.2	1158.2	1.177	2.901	72.053	23.372	0.481	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.48	-24.71
16	0.6974	1139.7	1159.8	1158.1	1.179	2.938	72.024	23.350	0.492	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.86	-24.64
17	0.6973	1139.1	1159.3	1157.8	1.177	2.965	72.039	23.311	0.490	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.27	-24.77
18	0.6971	1139.0	1159.2	1157.2	1.167	2.970	72.060	23.298	0.488	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.34	-24.85
19	0.6971	1139.3	1159.5	1157.8	1.165	2.950	72.074	23.297	0.497	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.77	-24.77
20	0.7017	1146.5	1166.8	1165.3	1.162	2.957	71.417	23.662	0.779	0.009	0.013	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1392.80	-21.43
21	0.6999	1143.6	1163.8	1162.0	1.164	2.959	71.624	23.614	0.622	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1391.08	-22.99
22	0.6973	1138.8	1159.0	1157.3	1.181	2.976	72.045	23.285	0.495	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.95	-24.76
23	0.6974	1139.2	1159.4	1157.4	1.167	2.985	71.992	23.355	0.485	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.31	-24.73
24	0.6980	1140.5	1160.7	1158.8	1.159	2.974	71.881	23.476	0.494	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.29	-24.37
25	0.6981	1140.3	1160.5	1158.5	1.168	2.975	71.875	23.467	0.498	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.04	-24.34
26	0.6981	1140.4	1160.6	1158.6	1.167	2.977	71.872	23.469	0.499	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.06	-24.32
27	0.6982	1140.5	1160.7	1158.7	1.177	2.964	71.861	23.493	0.488	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.07	-24.34
28	0.6986	1141.4	1161.6	1160.2	1.162	2.968	71.787	23.549	0.516	0.007	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.81	-23.97
29	0.6988	1141.2	1161.4	1160.1	1.187	2.963	71.900	23.300	0.621	0.011	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.33	-23.43
30	0.6981	1140.2	1160.4	1158.5	1.167	2.987	71.819	23.556	0.455	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.84	-24.50
31	0.6978	1139.9	1160.1	1158.3	1.165	2.986	71.869	23.513	0.451	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.72	-24.65
Avg	0.6977	1140.0	1160.2	1158.5	1.170	2.959	71.960	23.388	0.506	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.00	-24.46

# Source Daily Summary

October 2025

Source #: 011  
Name: BAKER STN-MARM/BOWMAN TRANSFER

<b>Pressure Base:</b>	14.730	<b>Contract Day:</b>	1
<b>Temperature Base:</b>	60	<b>Contract Hour:</b>	9

Day	Relative Density	Heating Value Wet	Heating Value Dry	Heating Value As Del	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	Wobbe	CCT
1	0.6467	1056.8	1075.5	1072.1	1.384	2.896	82.908	12.034	0.731	0.017	0.026	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.39	-52.49
2	0.6480	1059.6	1078.3	1074.4	1.392	2.831	82.712	12.247	0.772	0.017	0.026	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1339.61	-51.34
3	0.6481	1059.4	1078.2	1074.2	1.359	2.907	82.694	12.170	0.813	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1339.25	-50.72
4	0.6569	1074.5	1093.5	1091.0	1.272	2.937	81.501	12.767	1.432	0.033	0.051	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1349.24	-41.14
5	0.6515	1067.2	1086.1	1084.0	1.230	2.947	82.235	12.354	1.168	0.025	0.038	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1345.55	-46.21
6	0.6479	1058.5	1077.2	1075.2	1.241	3.121	82.572	12.208	0.808	0.018	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1338.32	-51.35
7	0.6481	1057.6	1076.3	1074.0	1.292	3.120	82.488	12.328	0.723	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1336.95	-51.86
8	0.6492	1058.9	1077.6	1075.1	1.312	3.113	82.348	12.401	0.771	0.019	0.031	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.45	-50.81
9	0.6489	1059.6	1078.4	1075.7	1.316	3.033	82.448	12.358	0.788	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1338.72	-50.63
10	0.6494	1059.1	1077.9	1074.9	1.344	3.072	82.323	12.453	0.757	0.019	0.030	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.51	-50.85
11	0.6500	1061.8	1080.6	1077.4	1.327	2.987	82.248	12.586	0.795	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1340.31	-49.86
12	0.6458	1055.7	1074.4	1072.7	1.312	2.990	82.942	12.045	0.659	0.018	0.030	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1336.92	-53.29
13	0.6471	1058.0	1076.8	1074.9	1.296	2.994	82.706	12.247	0.707	0.017	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1338.53	-52.22
14	0.6475	1058.6	1077.3	1075.2	1.301	2.984	82.654	12.291	0.720	0.018	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1338.88	-51.96
15	0.6485	1058.9	1077.7	1075.7	1.374	2.947	82.548	12.340	0.740	0.018	0.030	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1338.27	-51.33
16	0.6481	1057.9	1076.7	1074.9	1.375	2.970	82.632	12.222	0.750	0.018	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.41	-51.59
17	0.6471	1057.2	1075.9	1073.9	1.355	2.952	82.818	12.091	0.723	0.022	0.032	0.003	0.002	0.001	0.000	0.000	0.000	0.000	1337.46	-51.87
18	0.6463	1055.9	1074.6	1072.8	1.359	2.952	82.887	12.093	0.665	0.016	0.025	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1336.67	-53.27
19	0.6456	1056.2	1074.9	1072.9	1.335	2.902	83.029	12.009	0.682	0.015	0.023	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.77	-53.52
20	0.6459	1058.0	1076.7	1075.1	1.318	2.844	83.051	11.990	0.740	0.019	0.033	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1339.77	-52.21
21	0.6469	1057.8	1076.6	1074.7	1.296	2.987	82.784	12.145	0.737	0.018	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1338.48	-52.07
22	0.6471	1052.8	1071.4	1069.5	1.350	3.236	82.661	12.044	0.669	0.015	0.022	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1331.84	-53.62
23	0.6475	1052.2	1070.9	1068.9	1.322	3.345	82.540	12.085	0.668	0.015	0.022	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1330.80	-53.61
24	0.6471	1052.3	1071.0	1068.9	1.388	3.199	82.677	12.063	0.634	0.015	0.022	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1331.34	-53.91
25	0.6486	1060.8	1079.6	1077.4	1.270	3.004	82.725	11.891	1.054	0.022	0.031	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1340.48	-49.10
26	0.6479	1064.2	1083.0	1080.9	1.224	2.800	82.956	11.824	1.131	0.025	0.037	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1345.45	-48.14
27	0.6537	1067.2	1086.1	1084.3	1.310	3.026	81.905	12.472	1.235	0.021	0.028	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1343.32	-45.55
28	0.6732	1106.4	1126.0	1124.6	1.257	2.549	78.529	15.921	1.567	0.053	0.108	0.007	0.007	0.001	0.000	0.000	0.000	0.000	1372.06	-30.88
29	0.6858	1134.0	1154.1	1152.7	1.132	2.238	76.573	17.727	2.057	0.079	0.167	0.012	0.012	0.002	0.000	0.000	0.000	0.000	1393.64	-17.83
30	0.6880	1137.7	1157.8	1156.5	1.048	2.351	76.236	17.853	2.207	0.088	0.186	0.014	0.014	0.003	0.000	0.000	0.000	0.000	1395.83	-15.75
31	0.6827	1130.0	1150.0	1148.9	1.014	2.369	77.006	17.343	2.005	0.077	0.161	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1391.88	-19.46
<b>Avg</b>	<b>0.6527</b>	<b>1068.0</b>	<b>1086.8</b>	<b>1084.6</b>	<b>1.294</b>	<b>2.923</b>	<b>81.882</b>	<b>12.858</b>	<b>0.965</b>	<b>0.026</b>	<b>0.046</b>	<b>0.003</b>	<b>0.003</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1345.07</b>	<b>-47.05</b>

# Gas Composition and Properties

Effective October 1, 2025

Attachment B  
Page 20 of 25

Source #: 2702230  
Name: WATFORD CITY EAST BORDER

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	1.2905		3.1401
Nitrogen (N2)	2.9330		4.5427
Methane (C1)	86.8667		77.0477
Ethane (C2)	8.3633	2.2362	13.9037
Propane (C3)	0.5041	0.1388	1.2290
Isobutane (IC4)	0.0150	0.0049	0.0482
n-Butane (NC4)	0.0267	0.0084	0.0858
Isopentane (IC5)			
n-Pentane (NC5)			
Hexanes Plus (C6+)			
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
<b>Totals</b>	<b>99.9993</b>	<b>2.3880</b>	<b>99.9972</b>

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	-71.595
Cricondentherm	-68.749
HV, Dry @ Base P, T	1044.26
HV, Sat @ Base P, T	1026.09
HV, Sat @ Sample P, T	1044.26
Relative Density	0.6257

C6+: 100

**Sample**

Date: 10/01/2025                      Type:

Tech: Joshua Tipton

Pressure:                      590.0 psi      Temp.:                      °F

Gauge:                              Gauge              H2O:

Atm. Pressure:                      H2S:

Remarks:

**Analysis**

Date:                                      Instrument:

Tech:                                      Cylinder:      395

Remarks:

October-25

ZONE 550

MANDAN BORDER

NBPL - St Anthony

WBI - Mandan Border

Weighted

Start Date	End Date	MCF	DK	BTU	MCF	DK	BTU Zone 28	AVG BTU	
10/1/2025	10/2/2025	0	0	0	968	1,140	1176.9	1176.900	10/1/2025
10/2/2025	10/3/2025	0	0	0	918	1,081	1176.6	1176.600	10/2/2025
10/3/2025	10/4/2025	0	0	0	837	982	1172.8	1172.800	10/3/2025
10/4/2025	10/5/2025	0	0	0	957	1,134	1186.4	1186.400	10/4/2025
10/5/2025	10/6/2025	1	1,616	1,089	1,384	1,651	1191.4	1191.326	10/5/2025
10/6/2025	10/7/2025	8	8,883	1,084	1,664	2,005	1204.2	1203.626	10/6/2025
10/7/2025	10/8/2025	7	7,932	1,083	1,548	1,867	1205.6	1205.049	10/7/2025
10/8/2025	10/9/2025	88	95	1,086	1,151	1,386	1202.9	1194.562	10/8/2025
10/9/2025	10/10/2025	151	163	1,086	1,249	1,506	1205.9	1192.914	10/9/2025
10/10/2025	10/11/2025	0	0	0	1,197	1,446	1208.3	1208.300	10/10/2025
10/11/2025	10/12/2025	0	0	0	916	1,108	1210.9	1210.900	10/11/2025
10/12/2025	10/13/2025	62	67	1,080	1,646	1,983	1204.8	1200.270	10/12/2025
10/13/2025	10/14/2025	8	8,692	1,083	1,910	2,299	1203.3	1202.799	10/13/2025
10/14/2025	10/15/2025	6	6,815	1,075	2,257	2,724	1207.2	1206.851	10/14/2025
10/15/2025	10/16/2025	6	7,035	1,082	1,950	2,360	1210.6	1210.207	10/15/2025
10/16/2025	10/17/2025	21	22	1088.8	2,049	2,477	1209.4	1208.177	10/16/2025
10/17/2025	10/18/2025	0	0	0	1,598	1,940	1213.8	1213.800	10/17/2025
10/18/2025	10/19/2025	24	26	1,082	2,049	2,476	1208.4	1206.931	10/18/2025
10/19/2025	10/20/2025	0	0	0	1,605	1,938	1207.2	1207.200	10/19/2025
10/20/2025	10/21/2025	19	21	1,079	2,355	2,840	1206.2	1205.179	10/20/2025
10/21/2025	10/22/2025	0	0	0	2,636	2,912	1103.9	1103.900	10/21/2025
10/22/2025	10/23/2025	17	18	1,079	2,611	3,018	1146.2	1145.767	10/22/2025
10/23/2025	10/24/2025	1	1	1,078	2,295	2,725	1186.6	1186.553	10/23/2025
10/24/2025	10/25/2025	0	0	0	1,912	2,308	1206.6	1206.600	10/24/2025
10/25/2025	10/26/2025	0	0	0	1,530	1,842	1204.3	1204.300	10/25/2025
10/26/2025	10/27/2025	17	18	1,080	1,333	1,611	1207.2	1205.594	10/26/2025
10/27/2025	10/28/2025	7	8	1,082	2,659	3,214	1208.1	1207.769	10/27/2025
10/28/2025	10/29/2025	16	18	1,084	3,114	3,762	1207	1206.372	10/28/2025
10/29/2025	10/30/2025	0	0	0	3,082	3,701	1200.4	1200.400	10/29/2025
10/30/2025	10/31/2025	21	23	1089.8	3,011	3,610	1199	1198.244	10/30/2025
10/31/2025	11/1/2025	15	16	1092.1	3,711	4,298	1160.2	1159.926	10/31/2025
		495	41,469	663.9452	58,102	69,344	1194.9129	1193.7488	



# Alliance Pipeline

DAILY ANALYSIS --- USA  
 ND07MD1 --- Hankinson Sales  
 October 2025

DAY	Heating Value (BTU/ft3)	Relative Density	C1 Mol%	C2 Mol%	C3 Mol%	IC4 Mol%	NC4 Mol%	IC5 Mol%	NC5 Mol%	C6+ Mol%	N2 Mol%	CO2 Mol%	Hel Mol%
1	1,155.019	0.6615	83.9973	10.2234	3.3868	0.3382	0.5665	0.0571	0.0441	0.0198	0.8999	0.4565	0.0105
2	1,155.401	0.6624	83.9027	10.2448	3.4040	0.3417	0.5782	0.0577	0.0437	0.0201	0.9133	0.4831	0.0108
3	1,156.693	0.6625	83.9129	10.2462	3.4234	0.3465	0.5867	0.0593	0.0461	0.0216	0.9005	0.4463	0.0105
4	1,156.011	0.6626	83.9421	10.1692	3.4196	0.3486	0.5942	0.0620	0.0479	0.0213	0.9044	0.4801	0.0105
5	1,155.413	0.6626	83.9302	10.1703	3.3962	0.3482	0.6011	0.0603	0.0467	0.0214	0.9256	0.4902	0.0098
6	1,156.953	0.6637	83.7584	10.2865	3.4462	0.3456	0.6004	0.0613	0.0474	0.0210	0.9241	0.4993	0.0098
7	1,156.825	0.6632	83.8583	10.2219	3.4601	0.3430	0.5914	0.0614	0.0478	0.0213	0.8836	0.5013	0.0099
8	1,159.652	0.6664	83.4057	10.3922	3.5810	0.3521	0.6256	0.0606	0.0463	0.0210	0.9936	0.5122	0.0097
9	1,158.334	0.6649	83.6232	10.2985	3.5269	0.3528	0.6170	0.0574	0.0459	0.0194	0.9484	0.5005	0.0099
10	1,159.279	0.6648	83.6314	10.3537	3.5198	0.3519	0.6153	0.0607	0.0458	0.0197	0.8913	0.4977	0.0127
11	1,159.444	0.6646	83.7242	10.2563	3.5285	0.3606	0.6297	0.0608	0.0456	0.0193	0.8908	0.4748	0.0093
12	1,158.223	0.6643	83.6543	10.3677	3.4932	0.3455	0.6039	0.0575	0.0446	0.0176	0.9227	0.4836	0.0093
13	1,158.564	0.6644	83.7036	10.2723	3.5035	0.3561	0.6268	0.0583	0.0467	0.0189	0.9288	0.4753	0.0096
14	1,160.147	0.6655	83.5976	10.3054	3.5459	0.3642	0.6441	0.0591	0.0475	0.0208	0.9234	0.4825	0.0095
15	1,159.194	0.6644	83.7195	10.2752	3.5306	0.3571	0.6151	0.0588	0.0476	0.0194	0.9034	0.4640	0.0092
16	1,159.000	0.6641	83.7386	10.2831	3.5208	0.3560	0.6073	0.0589	0.0473	0.0199	0.9014	0.4574	0.0094
17	1,157.385	0.6626	83.9340	10.2239	3.4332	0.3531	0.6017	0.0583	0.0462	0.0205	0.8656	0.4536	0.0098
18	1,160.624	0.6646	83.7313	10.2910	3.5318	0.3655	0.6305	0.0611	0.0465	0.0229	0.8604	0.4508	0.0083
19	1,161.582	0.6663	83.4549	10.4071	3.5988	0.3660	0.6309	0.0608	0.0473	0.0217	0.9362	0.4683	0.0081
20	1,160.639	0.6656	83.5343	10.4176	3.5168	0.3646	0.6375	0.0605	0.0464	0.0220	0.9186	0.4738	0.0077
21	1,160.830	0.6653	83.5864	10.3982	3.5127	0.3669	0.6417	0.0598	0.0452	0.0216	0.9026	0.4571	0.0078
22	1,161.177	0.6659	83.4570	10.4667	3.5625	0.3622	0.6225	0.0586	0.0454	0.0216	0.9400	0.4555	0.0079
23	1,160.475	0.6645	83.6878	10.3625	3.5230	0.3634	0.6134	0.0595	0.0456	0.0224	0.8798	0.4346	0.0081
24	1,158.274	0.6628	83.9669	10.2087	3.4581	0.3573	0.5958	0.0610	0.0477	0.0221	0.8138	0.4590	0.0096
25	1,158.907	0.6638	83.8308	10.2178	3.5006	0.3618	0.6144	0.0611	0.0480	0.0221	0.8769	0.4569	0.0096
26	1,157.977	0.6632	83.8687	10.2354	3.4643	0.3560	0.6020	0.0600	0.0473	0.0213	0.8826	0.4526	0.0097
27	1,157.863	0.6631	83.9817	10.0820	3.4861	0.3642	0.6192	0.0605	0.0484	0.0218	0.8586	0.4688	0.0088
28	1,157.655	0.6626	84.0397	10.0922	3.4523	0.3628	0.6194	0.0610	0.0474	0.0205	0.8290	0.4661	0.0095
29	1,155.221	0.6604	84.3626	9.9493	3.3739	0.3554	0.5884	0.0622	0.0476	0.0213	0.7646	0.4653	0.0093
30	1,152.477	0.6576	84.6800	9.8892	3.2666	0.3393	0.5463	0.0584	0.0467	0.0199	0.6945	0.4494	0.0096
31	1,157.170	0.6633	84.0148	9.9588	3.4943	0.3712	0.6462	0.0609	0.0459	0.0203	0.8889	0.4884	0.0102
<b>Volume</b>	<b>1,158.027</b>	<b>0.6636</b>	<b>83.8253</b>	<b>10.2369</b>	<b>3.4767</b>	<b>0.3551</b>	<b>0.6096</b>	<b>0.0598</b>	<b>0.0466</b>	<b>0.0207</b>	<b>0.8880</b>	<b>0.4718</b>	<b>0.0096</b>
<b>Weight Avg Energy</b>	<b>1,158.031</b>	<b>0.6636</b>	<b>83.8248</b>	<b>10.2371</b>	<b>3.4768</b>	<b>0.3551</b>	<b>0.6096</b>	<b>0.0598</b>	<b>0.0466</b>	<b>0.0207</b>	<b>0.8881</b>	<b>0.4718</b>	<b>0.0096</b>



# Alliance Pipeline

DAILY ANALYSIS --- USA  
 ND14MD1 --- Milnor Sales  
 October 2025

DAY	Heating Value (BTU/ft3)	Relative Density	C1 Mol%	C2 Mol%	C3 Mol%	IC4 Mol%	NC4 Mol%	IC5 Mol%	NC5 Mol%	C6+ Mol%	N2 Mol%	CO2 Mol%	Hel Mol%
1	1,155.005	0.6616	83.9874	10.2228	3.3898	0.3386	0.5672	0.0570	0.0440	0.0196	0.9038	0.4593	0.0105
2	1,155.693	0.6626	83.8750	10.2614	3.4095	0.3422	0.5805	0.0581	0.0440	0.0204	0.9163	0.4818	0.0108
3	1,156.570	0.6624	83.9261	10.2365	3.4206	0.3464	0.5864	0.0591	0.0461	0.0217	0.8995	0.4472	0.0105
4	1,155.790	0.6625	83.9587	10.1592	3.4120	0.3487	0.5936	0.0619	0.0480	0.0214	0.9054	0.4808	0.0104
5	1,155.623	0.6628	83.8957	10.1989	3.3970	0.3476	0.6028	0.0608	0.0467	0.0209	0.9274	0.4925	0.0097
6	1,156.840	0.6636	83.7734	10.2774	3.4468	0.3444	0.5988	0.0609	0.0473	0.0209	0.9204	0.4999	0.0098
7	1,157.509	0.6638	83.7963	10.2370	3.4849	0.3467	0.5985	0.0624	0.0481	0.0215	0.8921	0.5026	0.0099
8	1,159.514	0.6663	83.4116	10.3953	3.5749	0.3516	0.6249	0.0604	0.0459	0.0203	0.9935	0.5120	0.0097
9	1,159.535	0.6657	83.5139	10.3567	3.5642	0.3550	0.6265	0.0564	0.0455	0.0194	0.9506	0.5018	0.0101
10	1,160.373	0.6655	83.5614	10.3901	3.5437	0.3548	0.6268	0.0617	0.0462	0.0200	0.8853	0.4970	0.0129
11	1,159.095	0.6644	83.7316	10.2600	3.5185	0.3585	0.6264	0.0600	0.0452	0.0192	0.8971	0.4743	0.0094
12	1,158.117	0.6643	83.6526	10.3525	3.4950	0.3466	0.6063	0.0577	0.0448	0.0177	0.9345	0.4830	0.0093
13	1,159.159	0.6648	83.6627	10.2976	3.5148	0.3577	0.6313	0.0587	0.0472	0.0196	0.9250	0.4757	0.0096
14	1,160.264	0.6655	83.6036	10.3055	3.5515	0.3635	0.6428	0.0589	0.0472	0.0207	0.9162	0.4805	0.0095
15	1,159.234	0.6644	83.7132	10.2732	3.5325	0.3576	0.6158	0.0594	0.0481	0.0196	0.9065	0.4649	0.0093
16	1,158.770	0.6638	83.7788	10.2757	3.5114	0.3542	0.6025	0.0584	0.0468	0.0198	0.8901	0.4532	0.0093
17	1,157.079	0.6624	83.9742	10.2018	3.4179	0.3535	0.6026	0.0587	0.0461	0.0208	0.8597	0.4551	0.0097
18	1,160.347	0.6645	83.7407	10.2739	3.5299	0.3661	0.6298	0.0611	0.0466	0.0224	0.8726	0.4486	0.0083
19	1,161.797	0.6668	83.3808	10.4292	3.6092	0.3686	0.6413	0.0595	0.0462	0.0212	0.9630	0.4729	0.0081
20	1,160.128	0.6652	83.5967	10.3846	3.5007	0.3638	0.6340	0.0607	0.0463	0.0219	0.9102	0.4733	0.0078
21	1,161.188	0.6656	83.5554	10.4019	3.5287	0.3681	0.6476	0.0596	0.0450	0.0213	0.9107	0.4539	0.0078
22	1,161.382	0.6660	83.4333	10.4860	3.5693	0.3623	0.6197	0.0586	0.0456	0.0218	0.9404	0.4551	0.0078
23	1,160.152	0.6640	83.7537	10.3410	3.5062	0.3623	0.6083	0.0596	0.0457	0.0226	0.8583	0.4339	0.0083
24	1,158.199	0.6628	83.9597	10.2068	3.4596	0.3570	0.5957	0.0610	0.0478	0.0222	0.8204	0.4602	0.0096
25	1,159.206	0.6639	83.8104	10.2306	3.5068	0.3626	0.6170	0.0612	0.0480	0.0221	0.8777	0.4538	0.0096
26	1,157.507	0.6629	83.9030	10.2140	3.4525	0.3551	0.6001	0.0594	0.0472	0.0210	0.8818	0.4562	0.0097
27	1,157.914	0.6631	83.9963	10.0718	3.4860	0.3651	0.6208	0.0606	0.0484	0.0218	0.8529	0.4676	0.0087
28	1,157.741	0.6626	84.0488	10.0834	3.4563	0.3635	0.6192	0.0614	0.0475	0.0208	0.8248	0.4649	0.0095
29	1,154.527	0.6598	84.4404	9.9274	3.3450	0.3528	0.5804	0.0620	0.0476	0.0211	0.7486	0.4651	0.0094
30	1,152.578	0.6577	84.6654	9.8923	3.2732	0.3392	0.5480	0.0581	0.0466	0.0198	0.7008	0.4471	0.0096
31	1,157.602	0.6638	83.9560	9.9756	3.5133	0.3730	0.6522	0.0609	0.0457	0.0203	0.9000	0.4929	0.0103
<b>Volume</b>	<b>1,158.523</b>	<b>0.6638</b>	<b>83.8119</b>	<b>10.2441</b>	<b>3.4866</b>	<b>0.3579</b>	<b>0.6143</b>	<b>0.0598</b>	<b>0.0465</b>	<b>0.0209</b>	<b>0.8817</b>	<b>0.4672</b>	<b>0.0092</b>
<b>Weight Avg Energy</b>	<b>1,158.528</b>	<b>0.6638</b>	<b>83.8113</b>	<b>10.2443</b>	<b>3.4867</b>	<b>0.3579</b>	<b>0.6143</b>	<b>0.0598</b>	<b>0.0465</b>	<b>0.0209</b>	<b>0.8818</b>	<b>0.4672</b>	<b>0.0092</b>

October-25

ZONE 610

Watford City

Watford City West Border

Watford City East Border

Weighted

Start Date	End Date	BTU			BTU			AVG BTU	
		MCF	DK	Zone 25	MCF	DK	Zone 43		
10/1/2025	10/2/2025	42	50	1189.8	94	98	1044.3	1089.234	10/1/2025
10/2/2025	10/3/2025	58	69	1189.8	128	133	1044.3	1089.671	10/2/2025
10/3/2025	10/4/2025	42	50	1189.8	107	111	1044.3	1085.313	10/3/2025
10/4/2025	10/5/2025	71	84	1189.8	159	166	1044.3	1089.215	10/4/2025
10/5/2025	10/6/2025	180	214	1189.8	263	275	1044.3	1103.420	10/5/2025
10/6/2025	10/7/2025	210	250	1189.8	259	270	1044.3	1109.449	10/6/2025
10/7/2025	10/8/2025	191	228	1189.8	204	213	1044.3	1114.656	10/7/2025
10/8/2025	10/9/2025	152	181	1189.8	142	148	1044.3	1119.524	10/8/2025
10/9/2025	10/10/2025	171	203	1189.8	191	200	1044.3	1113.031	10/9/2025
10/10/2025	10/11/2025	119	141	1189.8	124	130	1044.3	1115.553	10/10/2025
10/11/2025	10/12/2025	94	112	1189.8	104	109	1044.3	1113.376	10/11/2025
10/12/2025	10/13/2025	239	284	1189.8	370	387	1044.3	1101.401	10/12/2025
10/13/2025	10/14/2025	276	328	1189.8	428	447	1044.3	1101.343	10/13/2025
10/14/2025	10/15/2025	257	306	1189.8	335	350	1044.3	1107.465	10/14/2025
10/15/2025	10/16/2025	227	270	1189.8	257	268	1044.3	1112.541	10/15/2025
10/16/2025	10/17/2025	231	275	1189.8	318	332	1044.3	1105.521	10/16/2025
10/17/2025	10/18/2025	231	275	1189.8	233	243	1044.3	1116.736	10/17/2025
10/18/2025	10/19/2025	263	313	1189.8	369	385	1044.3	1104.848	10/18/2025
10/19/2025	10/20/2025	227	270	1189.8	251	263	1044.3	1113.397	10/19/2025
10/20/2025	10/21/2025	293	348	1189.8	505	527	1044.3	1097.723	10/20/2025
10/21/2025	10/22/2025	272	323	1189.8	375	392	1044.3	1105.468	10/21/2025
10/22/2025	10/23/2025	243	289	1189.8	344	359	1044.3	1104.533	10/22/2025
10/23/2025	10/24/2025	232	276	1189.8	322	336	1044.3	1105.231	10/23/2025
10/24/2025	10/25/2025	218	259	1189.8	269	281	1044.3	1109.431	10/24/2025
10/25/2025	10/26/2025	160	190	1189.8	168	175	1044.3	1115.276	10/25/2025
10/26/2025	10/27/2025	200	238	1189.8	271	283	1044.3	1106.083	10/26/2025
10/27/2025	10/28/2025	254	303	1189.8	424	443	1044.3	1098.809	10/27/2025
10/28/2025	10/29/2025	294	350	1189.8	481	503	1044.3	1099.496	10/28/2025
10/29/2025	10/30/2025	281	335	1189.8	355	371	1044.3	1108.585	10/29/2025
10/30/2025	10/31/2025	315	375	1189.8	518	541	1044.3	1099.321	10/30/2025
10/31/2025	11/1/2025	328	390	1189.8	601	628	1044.3	1095.671	10/31/2025
		6,371	7,579	1189.8000	8,969	9,367	1044.3000	1104.8814	



<b>NORTH DAKOTA HEATING VALUE ZONES</b>		
<b>ZONES</b>	<b>MEASURING DEVICE</b>	<b>LOCATION</b>
211	Chromatograph	Sidney Border
24	Chromatograph	Williston Border
241	Accumulated Sample	Fairview Border
25	Accumulated Sample	Watford City West Border
260	Chromatograph	North Tioga Transfer
261	Chromatograph	Tioga Comp Station – Robinson Lake Plant
262	Chromatograph	Minot Border
263	Accumulated Sample	Lignite Plant
264	Accumulated Sample	Epping Border
265	Chromatograph	Tioga Comp Station – County Line Plant
271	Chromatograph	Bismarck – Cleveland
272	Chromatograph	Cleveland – Mapleton
273	Chromatograph	Cleveland – Grafton
274	Chromatograph	Kindred – Wahpeton
28	Chromatograph	Bismarck Station
31	Chromatograph	Dickinson Border
32	Chromatograph	Cabin Creek Station
33	Chromatograph	Little Knife Plant
34	Chromatograph	Bowman Border
43	Accumulated Sample	Watford City East Border
550	Accumulated Sample & Chromatograph	Mandan Border
600	Chromatograph	Hankinson Area
601	Chromatograph	Milnor Area
610	Accumulated Sample & Chromatograph	Watford City
802	Chromatograph	Linton

MONTANA DAKOTA UTILITIES CO  
NORTH DAKOTA  
HEATING VALUE DATA

STATE	ZONE	ZONE BOUNDARY	12 MONTH AVERAGE	OCT25	SEP25	AUG25	JUL25	JUN25	MAY25	APR25	MAR25	FEB25	JAN25	DEC24	NOV24
MT/ND	211	Sidney Border - MonDak Tfr - Sidney Plt	1186	1192	1190	1193	1186	1185	1181	1193	1186	1173	1183	1183	1184
ND	24	Williston Border - Charbonneau Station	1191	1197	1194	1202	1193	1191	1177	1194	1206	1197	1185	1182	1179
ND	25	Watford City West Border	1199	1190	1209	1206	1209	1202	1198	1198	1201	1206	1191	1193	1186
ND	28	Bismarck Station - Glen Ullin Station	1170	1195	1197	1208	1207	1205	1189	1172	1126	1116	1134	1136	1159
ND	31	Dickinson Brd - Belfield Trf - G Ullin Stn	1124	1149	1106	1087	1135	1110	1111	1110	1131	1129	1137	1139	1144
ND/MT	32	Cabin Creek Station - Belfied Transfer	1128	1115	1103	1130	1129	1136	1122	1135	1130	1133	1134	1130	1135
ND	33	Little Knife Plant	1162	1160	1161	1161	1160	1161	1163	1162	1162	1162	1164	1162	1163
ND	34	Badlands Plant/Bowman Border	1086	1087	1073	1071	1066	1065	1070	1067	1097	1097	1104	1104	1127
ND	43	Watford City East Border	1066	1044	1050	1052	1057	1044	1040	1041	1041	1094	1107	1107	1110
ND/MT	241	Fairview Border	1187	1181	1192	1199	1194	1186	1186	1186	1191	1182	1183	1181	1180
ND	267	North Tioga Transfer - Nesson Plant	1187	1173	1171	1171	1188	1183	1185	1188	1197	1197	1194	1204	1191
ND	261	Tioga Comp Station - Robinson Lake Plant	1202	1189	1204	1206	1206	1198	1197	1198	1204	1209	1198	1209	1208
ND	262	Minot Bdr - Palermo Bdr - Bismarck Stn	1206	1204	1205	1206	1206	1204	1203	1200	1205	1210	1207	1209	1207
ND	263	Lignite Plant	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
ND	264	Epping Border	1185	1180	1191	1193	1192	1180	1186	1186	1201	1202	1174	1174	1166
ND	265	Tioga Comp Station - County Line Plant	1191	1203	1203	1201	1204	1183	1180	1181	1184	1190	1191	1191	1180
ND	266	County Line Plant	1194	1207	1207	1210	1211	1186	1182	1182	1186	1193	1189	1192	1182
ND	271	Bismarck Station - Cleveland Station	1190	1173	1161	1208	1207	1205	1205	1201	1195	1158	1182	1190	1200
ND	272	Cleveland Station - Mapleton	1189	1173	1149	1207	1205	1204	1203	1200	1194	1157	1182	1190	1200
ND	273	Cleveland Station - Grafton Border	1187	1163	1149	1208	1205	1205	1202	1193	1194	1157	1182	1189	1199
ND	274	Felton(Viking) - Kindred-Wahpeton	0	1043	1044	1043	1054	1047	1049	1046	1047	1050	1050	1050	0
ND	550	Mandan Border / NBPL-St Anthony	1144	1194	1154	1147	1140	1155	1175	1165	1105	1102	1120	1115	1156
ND	610	MDU-Watford City BTU	1105	1105	1102	1113	1067	1055	1086	1100	1096	1131	1133	1135	1139
ND	802	NBPL - Linton	1085	1084	1082	1083	1086	1077	1077	1076	1080	1085	1093	1093	1100
ND	903	Hettinger Propane	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549
ND	600	Alliance Pipeline - Hankinson	1154	1158	1155	1155	1153	1151	1154	1153	1150	1153	1155	1155	1155
ND	601	Alliance Pipeline - Milnor	1154	1159	1155	1155	1153	1151	1155	1153	1150	1153	1154	1155	1155

<b>THERMAL ZONE VARIANCE DOCUMENTATION</b>		
<b>October 2025</b>		
<b><i>ZONE</i></b>	<b><i>BTU VARIANCE</i></b>	<b><i>REASON</i></b>
31	43	Operational
272	24	Operational
550	40	Operational