



A Subsidiary of MDU Resources Group, Inc.

400 North Fourth Street  
Bismarck, ND 58501  
701-222-7900  
www.montana-dakota.com

August 18, 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 – June 2025

Mr. Kahl,

Montana-Dakota Utilities Co. 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 reflect the BTU values shown on Attachment B and were used for billing purposes in July 2025.
2. Attachment B consists of copies of the monthly Heating Value Test Reports received from our suppliers for the month of June 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 June 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/ Travis R. Jacobson*

Travis R. Jacobson  
Vice President of Regulatory Affairs

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

<u>Town</u>	<u>Heat Zone</u>	<u>Therm Factor</u>
MDU-303-ALEXANDER	025	1.1353
MDU-308-ARNEGARD	025	1.1353
MDU-314-APPLE VALLEY	271	1.1627
MDU-318-BEACH	032	1.0498
MDU-319-BELFIELD	032	1.0445
MDU-323-BERTHOLD	262	1.1362
MDU-327-BISMARCK	028	1.1627
MDU-330-BOWMAN	034	0.9770
MDU-337-BURLINGTON	262	1.1617
MDU-343-CARRINGTON	273	1.1627
MDU-719-CASSELTON	272	1.1670
MDU-344-CLEVELAND	272	1.1535
MDU-364-CAVALIER	273	1.1872
MDU-365-DAWSON	271	1.1545
MDU-368-DES LACS	262	1.1454
MDU-369-DICKINSON	031	1.0409
MDU-374-FT TOTTEN	273	1.1708
MDU-375-DEVILS LAKE	273	1.1708
MDU-379-BARLOW	273	1.1627
MDU-384-EPPING	264	1.1145
MDU-387-ELDRIDGE	272	1.1617
MDU-407-GLADSTONE	031	1.0418
MDU-411-GLEN ULLIN	031	1.0484
MDU-413-GOLVA	032	1.0344
MDU-416-GARRISON	262	1.1454
MDU-417-GRAFTON	273	1.1954
MDU-403-GWINNER	601	1.1340
MDU-429-HEBRON	031	1.0484
MDU-432-HETTINGER	903	2.3875
MDU-449-JAMESTOWN	272	1.1699
MDU-459-KILLDEER	033	1.0966
MDU-751-KINDRED	272	1.1699
MDU-463-LANGDON	273	1.1627
MDU-469-LEFOR	031	1.0409
MDU-474-LIGNITE	263	1.0759
MDU-475-LINTON	802	1.0392
MDU-478-LINCOLN	028	1.1627
MDU-488-MCKENZIE	271	1.1627
MDU-494-MEDINA	271	1.1545
MDU-498-MANDAN	028	1.1627
MDU-500-MARMARTH	034	0.9842
MDU-505-MINOT	262	1.1372
MDU-510-MOTT	031	1.0343
MDU-512-MAX	262	1.1372
MDU-513-MILNOR	601	1.1379
MDU-522-NEW ENGLAND	031	1.0333
MDU-524-NEW SALEM	028	1.1381
MDU-532-NEW ROCKFORD	273	1.1627
MDU-539-PARK RIVER	273	1.1872

MDU-540-PALERMO	262	1.1372
MDU-558-RAY	264	1.1145
MDU-561-REGENT	031	1.0333
MDU-563-RHAME	034	0.9697
MDU-564-RICHARDTON	031	1.0333
MDU-568-ROSS	261	1.1234
MDU-572-RUTHVILLE	262	1.1617
MDU-574-SANBORN	272	1.1699
MDU-583-SENTINEL BUTTE	032	1.0498
MDU-588-SOUTH HEART	031	1.0333
MDU-717-SPIRITWOOD	272	1.1699
MDU-590-SPRINGBROOK	264	1.1145
MDU-591-STANLEY	261	1.1315
MDU-593-STEELE	271	1.1545
MDU-594-STERLING	028	1.1627
MDU-598-SHEYENNE	273	1.1708
MDU-605-SURREY	262	1.1617
MDU-610-TAPPEN	271	1.1545
MDU-611-TAYLOR	031	1.0343
MDU-616-TIOGA	260	1.1093
MDU-619-TURTLE LAKE	262	1.1454
MDU-620-TRENTON	024	1.1330
MDU-624-UNDERWOOD	262	1.1454
MDU-625-VALLEY CITY	272	1.1780
MDU-629-WALHALLA	273	1.1872
MDU-632-WATFORD CITY	610	0.9964
MDU-104-WAHPETON	247	1.0271
MDU-636-WHEELLOCK	264	1.1065
MDU-637-WHITE EARTH	261	1.1315
MDU-642-WILLISTON	024	1.1330
MDU-646-WASHBURN	262	1.1535
MDU-647-WILTON	262	1.1372
MDU-664-RIVERDALE	262	1.1454
MDU-691-FAIRVIEW	241	1.1282
MDU-712-MINOT AFB	262	1.1617
MDU-718-FAIRMOUNT	600	1.1317
MDU-732-NEKOMA	273	1.1627
MDU-732-MSR SITE	273	1.1627

# Source Daily Summary

June 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	0.7196	1160.4	1180.9	1180.0	1.203	3.707	70.641	21.008	3.143	0.091	0.175	0.010	0.009	0.012	0.000	0.000	0.000	0.000	1392.20	
2	0.7016	1151.8	1172.2	1171.5	0.591	3.467	72.602	20.913	2.256	0.057	0.100	0.005	0.004	0.005	0.000	0.000	0.000	0.000	1399.68	
3	0.7190	1162.7	1183.3	1182.6	1.280	3.393	70.790	21.282	2.878	0.112	0.225	0.015	0.014	0.011	0.000	0.000	0.000	0.000	1395.48	
4	0.7168	1166.1	1186.8	1186.1	1.174	3.133	71.312	21.053	2.912	0.118	0.248	0.018	0.018	0.015	0.000	0.000	0.000	0.000	1401.76	
5	0.7127	1157.2	1177.6	1176.9	1.132	3.355	71.995	20.249	2.862	0.116	0.245	0.017	0.018	0.010	0.000	0.000	0.000	0.000	1394.99	
6	0.7164	1162.5	1183.1	1182.3	1.142	3.366	71.466	20.574	3.013	0.123	0.265	0.019	0.020	0.012	0.000	0.000	0.000	0.000	1397.74	
7	0.7186	1160.1	1180.7	1180.0	1.261	3.536	70.780	21.208	2.854	0.106	0.216	0.014	0.013	0.012	0.000	0.000	0.000	0.000	1392.82	
8	0.7206	1160.3	1180.8	1180.1	1.313	3.642	70.308	21.595	2.799	0.103	0.204	0.013	0.011	0.012	0.000	0.000	0.000	0.000	1391.01	
9	0.7176	1161.2	1181.8	1180.9	1.218	3.441	71.104	20.904	2.949	0.112	0.230	0.016	0.015	0.012	0.000	0.000	0.000	0.000	1395.08	
10	0.7107	1154.4	1174.9	1174.0	1.134	3.335	72.346	19.950	2.845	0.112	0.233	0.017	0.017	0.011	0.000	0.000	0.000	0.000	1393.63	
11	0.7166	1161.3	1181.8	1181.0	1.212	3.351	71.418	20.603	3.019	0.117	0.238	0.016	0.016	0.011	0.000	0.000	0.000	0.000	1396.12	
12	0.7175	1158.1	1178.6	1177.9	1.273	3.544	71.030	20.922	2.861	0.111	0.221	0.014	0.012	0.010	0.000	0.000	0.000	0.000	1391.35	
13	0.7140	1155.6	1176.0	1175.3	1.197	3.485	71.758	20.271	2.898	0.115	0.235	0.016	0.015	0.010	0.000	0.000	0.000	0.000	1391.72	
14	0.7164	1161.0	1181.6	1180.8	1.156	3.433	71.519	20.364	3.102	0.122	0.257	0.018	0.018	0.011	0.000	0.000	0.000	0.000	1396.01	
15	0.7178	1161.4	1181.9	1181.1	1.193	3.485	71.133	20.760	3.035	0.116	0.237	0.016	0.015	0.010	0.000	0.000	0.000	0.000	1395.09	
16	0.7170	1163.1	1183.7	1182.8	1.168	3.350	71.399	20.564	3.096	0.123	0.255	0.017	0.016	0.010	0.000	0.000	0.000	0.000	1397.85	
17	0.7181	1165.3	1185.9	1185.1	1.210	3.250	71.486	20.323	3.279	0.131	0.274	0.018	0.018	0.011	0.000	0.000	0.000	0.000	1399.47	
18	0.7196	1166.5	1187.1	1186.2	1.230	3.286	71.295	20.400	3.301	0.141	0.296	0.020	0.020	0.011	0.000	0.000	0.000	0.000	1399.45	
19	0.7219	1169.6	1190.3	1189.2	1.192	3.377	70.811	20.773	3.373	0.138	0.286	0.019	0.019	0.012	0.000	0.000	0.000	0.000	1400.86	
20	0.7214	1170.1	1190.8	1190.0	1.208	3.270	70.933	20.759	3.348	0.140	0.292	0.020	0.020	0.010	0.000	0.000	0.000	0.000	1402.01	
21	0.7207	1168.0	1188.7	1187.9	1.253	3.262	70.951	20.856	3.216	0.136	0.280	0.018	0.018	0.010	0.000	0.000	0.000	0.000	1400.22	
22	0.7192	1166.3	1187.0	1186.4	1.215	3.286	71.062	20.878	3.128	0.127	0.261	0.017	0.017	0.009	0.000	0.000	0.000	0.000	1399.64	
23	0.7211	1170.5	1191.3	1190.5	1.216	3.200	70.943	20.892	3.269	0.139	0.291	0.020	0.020	0.010	0.000	0.000	0.000	0.000	1402.87	
24	0.7217	1170.9	1191.6	1190.8	1.223	3.225	70.900	20.826	3.342	0.140	0.293	0.020	0.020	0.011	0.000	0.000	0.000	0.000	1402.70	
25	0.7207	1167.9	1188.6	1187.7	1.222	3.303	70.823	20.721	3.315	0.143	0.302	0.021	0.021	0.011	0.000	0.000	0.000	0.000	1400.11	
26	0.7217	1169.1	1189.8	1188.9	1.225	3.328	70.945	20.637	3.368	0.143	0.300	0.021	0.021	0.011	0.000	0.000	0.000	0.000	1400.61	
27	0.7215	1166.8	1187.5	1186.4	1.258	3.409	70.893	20.651	3.312	0.140	0.289	0.020	0.019	0.010	0.000	0.000	0.000	0.000	1397.92	
28	0.7246	1171.8	1192.6	1191.6	1.239	3.419	70.518	20.805	3.500	0.150	0.315	0.022	0.022	0.011	0.000	0.000	0.000	0.000	1400.96	
29	0.7235	1173.0	1193.8	1192.9	1.216	3.275	70.662	20.918	3.409	0.149	0.316	0.022	0.022	0.011	0.000	0.000	0.000	0.000	1403.49	
30	0.7187	1166.6	1187.2	1186.3	1.219	3.203	71.246	20.562	3.214	0.140	0.293	0.021	0.021	0.010	0.000	0.000	0.000	0.000	1400.47	
Avg	0.7182	1164.0	1184.6	1183.8	1.192	3.371	71.169	20.741	3.097	0.124	0.256	0.017	0.017	0.011	0.000	0.000	0.000	0.000	1397.78	

# Source Daily Summary

June 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	0.7121	1175.6	1196.4	1195.6	1.039	2.315	72.378	20.865	2.940	0.130	0.284	0.021	0.024	0.003	0.000	0.000	0.000	0.000	1417.76	
2	0.7119	1174.9	1195.7	1195.2	1.034	2.342	72.312	20.993	2.873	0.126	0.273	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1417.22	
3	0.7140	1177.3	1198.2	1197.5	1.036	2.396	72.004	21.118	2.992	0.129	0.279	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1417.94	
4	0.7068	1163.8	1184.4	1183.9	0.994	2.613	73.134	20.049	2.777	0.121	0.266	0.020	0.022	0.004	0.000	0.000	0.000	0.000	1408.70	
5	0.7053	1155.9	1176.4	1175.8	0.944	3.021	73.539	19.094	2.958	0.123	0.275	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1400.72	
6	0.7087	1162.5	1183.1	1182.4	0.943	2.941	73.305	19.030	3.272	0.138	0.312	0.024	0.028	0.005	0.000	0.000	0.000	0.000	1405.28	
7	0.7076	1161.6	1182.1	1181.6	0.935	2.905	73.393	19.065	3.244	0.127	0.283	0.021	0.024	0.004	0.000	0.000	0.000	0.000	1405.29	
8	0.7061	1159.8	1180.3	1179.8	0.926	2.883	73.621	18.933	3.187	0.124	0.278	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1404.66	
9	0.6983	1149.1	1169.5	1168.8	0.875	2.876	74.948	17.870	2.997	0.120	0.268	0.020	0.023	0.003	0.000	0.000	0.000	0.000	1399.52	
10	0.7047	1161.4	1182.0	1181.3	0.940	2.632	73.940	18.887	3.134	0.129	0.288	0.021	0.025	0.004	0.000	0.000	0.000	0.000	1408.02	
11	0.6947	1145.7	1166.0	1165.4	0.867	2.762	75.458	17.688	2.817	0.114	0.250	0.019	0.022	0.004	0.000	0.000	0.000	0.000	1398.88	
12	0.6882	1133.5	1153.5	1153.0	0.818	2.971	76.390	16.868	2.588	0.102	0.225	0.017	0.020	0.003	0.000	0.000	0.000	0.000	1390.52	
13	0.7035	1152.9	1173.3	1172.8	0.900	3.095	73.992	18.472	3.101	0.121	0.271	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1398.94	
14	0.7099	1163.2	1183.8	1183.2	0.943	3.005	73.097	19.106	3.366	0.134	0.300	0.021	0.024	0.003	0.000	0.000	0.000	0.000	1404.99	
15	0.7154	1175.6	1196.4	1195.7	0.996	2.690	72.266	20.025	3.514	0.142	0.315	0.023	0.026	0.003	0.000	0.000	0.000	0.000	1414.45	
16	0.7122	1171.8	1192.5	1191.8	1.009	2.601	72.891	19.546	3.429	0.146	0.325	0.024	0.027	0.003	0.000	0.000	0.000	0.000	1413.05	
17	0.7147	1174.9	1195.7	1195.0	1.031	2.605	72.704	19.476	3.602	0.161	0.361	0.026	0.030	0.004	0.000	0.000	0.000	0.000	1414.40	
18	0.7199	1181.2	1202.1	1201.4	1.060	2.667	71.969	19.858	3.821	0.174	0.389	0.028	0.031	0.004	0.000	0.000	0.000	0.000	1416.82	
19	0.7264	1186.5	1207.5	1206.5	1.083	2.921	71.016	20.206	4.093	0.185	0.425	0.031	0.035	0.005	0.000	0.000	0.000	0.000	1416.75	
20	0.7177	1180.8	1201.7	1201.1	1.045	2.510	72.089	20.179	3.615	0.158	0.347	0.025	0.029	0.004	0.000	0.000	0.000	0.000	1418.50	
21	0.7147	1177.0	1197.8	1197.2	1.052	2.452	72.539	19.920	3.503	0.150	0.330	0.024	0.027	0.003	0.000	0.000	0.000	0.000	1416.86	
22	0.7203	1182.4	1203.3	1202.8	1.066	2.633	71.525	20.594	3.645	0.152	0.334	0.023	0.025	0.003	0.000	0.000	0.000	0.000	1417.76	
23	0.7189	1181.9	1202.8	1202.3	1.054	2.538	71.839	20.413	3.592	0.159	0.350	0.025	0.028	0.004	0.000	0.000	0.000	0.000	1418.68	
24	0.7192	1182.4	1203.4	1202.7	1.057	2.528	71.826	20.388	3.635	0.159	0.351	0.025	0.028	0.003	0.000	0.000	0.000	0.000	1419.02	
25	0.7211	1182.6	1203.6	1202.8	1.063	2.691	71.702	20.105	3.824	0.171	0.383	0.028	0.031	0.004	0.000	0.000	0.000	0.000	1417.32	
26	0.7209	1181.8	1202.7	1201.9	1.067	2.713	71.750	20.024	3.834	0.171	0.380	0.027	0.031	0.003	0.000	0.000	0.000	0.000	1416.56	
27	0.7227	1182.7	1203.7	1202.8	1.068	2.824	71.633	19.805	4.016	0.182	0.408	0.029	0.032	0.003	0.000	0.000	0.000	0.000	1415.87	
28	0.7234	1183.2	1204.1	1203.2	1.070	2.859	71.399	20.065	3.981	0.175	0.391	0.027	0.030	0.004	0.000	0.000	0.000	0.000	1415.73	
29	0.7203	1181.9	1202.8	1202.1	1.055	2.672	71.841	20.005	3.822	0.170	0.376	0.026	0.030	0.004	0.000	0.000	0.000	0.000	1417.22	
30	0.7092	1168.3	1189.0	1188.4	1.047	2.473	73.093	19.859	3.047	0.135	0.298	0.022	0.024	0.003	0.000	0.000	0.000	0.000	1411.89	
Avg	0.7123	1170.0	1191.1	1190.5	1.001	2.704	72.786	19.617	3.374	0.144	0.320	0.023	0.026	0.004	0.000	0.000	0.000	0.000	1411.31	

# Gas Composition and Properties

Effective June 1, 2025

Source #: 0602160  
Name: FAIRVIEW BORDER

Component	Mole %	Liquid Content	Mass %	Property	Total Sample	C6 Plus Fraction
Carbon Dioxide, CO2	0.9989		2.1361	Pressure Base	14.730	
Nitrogen, N2	3.0501		4.1517	Temperature Base	60.00	
Methane, C1	72.5435		56.5477	HCDP @ Sample Pressure	-10.374	
Ethane, C2	19.6138	5.2491	28.6566	Cricondentherm	0.048	
Propane, C3	3.2913	0.9074	7.0519	HV, Dry @ Base P, T	1185.94	
iso-Butane, iC4	0.1412	0.0462	0.3988	HV, Sat @ Base P, T	1165.30	
n-Butane, nC4	0.3098	0.0977	0.8749	HV, Sat @ Sample P, T	1185.94	
iso-Pentane, iC5	0.0232	0.0085	0.0813	Relative Density	0.7126	
n-Pentane, nC5	0.0251	0.0091	0.0880			
Neo-Pentane, neo						
Hexanes Plus, C6+	0.0031	0.0013	0.0130			
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>6.3180</b>	<b>100.0000</b>			

**Sample**

Date: 06/01/2025                      Type:

Tech: Joshua Tipton

Pressure:                      470 psi      Temp.:                      °F

Gauge:                                      Gauge                      H2O:

Atm. Pressure:                                      H2S:

Remarks:

**Analysis**

Date:                                      Instrument:

Tech:                                      Cylinder:                      388

Remarks:

# Gas Composition and Properties

Effective June 1, 2025

Source #: 0602225  
Name: WATFORD CITY WEST BORDER

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	1.0495		2.2141
Nitrogen, N2	2.9311		3.9360
Methane, C1	71.8499		55.2537
Ethane, C2	19.5638	5.2362	28.1991
Propane, C3	3.7525	1.0346	7.9319
iso-Butane, iC4	0.2307	0.0756	0.6428
n-Butane, nC4	0.5024	0.1585	1.3998
iso-Pentane, iC5	0.0521	0.0191	0.1802
n-Pentane, nC5	0.0572	0.0208	0.1978
Neo-Pentane, neo			
Hexanes Plus, C6+	0.0108	0.0044	0.0446
Argon, Ar			
Carbon Monoxide, CO			
Hydrogen, H2			
Oxygen, O2			
Helium, He			
Water, H2O			
Hydrogen Sulfide, H2S			
<b>Totals</b>	<b>100.0000</b>	<b>6.5500</b>	<b>100.0000</b>

Property	Total Sample	C6 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure	4.646	
Cricondentherm	11.418	
HV, Dry @ Base P, T	1201.87	
HV, Sat @ Base P, T	1180.95	
HV, Sat @ Sample P, T	1201.87	
Relative Density	0.7224	
C6+:		

**Sample**

Date: 06/01/2025                      Type:

Tech: Joshua Tipton

Pressure:                      515.000 psi      Temp.:                      °F

Gauge:                              Gauge                      H2O:

Atm. Pressure:                      H2S:

Remarks:

**Analysis**

Date:                                      Instrument:

    Cylinder:                      343

Tech:

Remarks:

# Source Daily Summary

June 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	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
2	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
3	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
4	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
5	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
6	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
7	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
8	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
9	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
10	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
11	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
12	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
13	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
14	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
15	0.7272	1169.6	1190.3	1189.9	1.065	4.060	69.721	21.213	3.363	0.149	0.365	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1395.81	5.23
16	0.7489	1181.2	1202.1	1201.7	0.986	5.504	66.998	20.677	5.142	0.179	0.437	0.031	0.036	0.009	0.000	0.000	0.000	0.000	1389.13	16.92
17	0.7390	1169.8	1190.5	1190.1	0.908	5.386	68.704	19.383	4.972	0.167	0.409	0.029	0.034	0.008	0.000	0.000	0.000	0.000	1384.96	11.87
18	0.6970	1153.1	1173.5	1173.1	1.009	2.319	74.422	19.586	2.441	0.062	0.137	0.011	0.013	0.001	0.000	0.000	0.000	0.000	1405.61	-12.58
19	0.7039	1166.8	1187.5	1187.1	1.003	2.136	74.010	19.436	2.992	0.119	0.256	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1415.36	-3.78
20	0.7000	1160.8	1181.4	1181.0	1.019	2.106	74.627	19.011	2.846	0.110	0.237	0.019	0.022	0.003	0.000	0.000	0.000	0.000	1412.02	-6.57
21	0.7272	1165.4	1186.0	1185.7	0.999	4.414	70.230	19.656	4.222	0.134	0.300	0.020	0.022	0.002	0.000	0.000	0.000	0.000	1391.22	4.40
22	0.7165	1161.9	1182.5	1182.1	1.003	3.615	71.993	19.246	3.670	0.128	0.297	0.020	0.023	0.005	0.000	0.000	0.000	0.000	1397.41	0.40
23	0.6931	1145.5	1165.8	1165.5	1.037	2.385	74.918	19.354	2.020	0.078	0.176	0.013	0.014	0.005	0.000	0.000	0.000	0.000	1400.34	-14.37
24	0.6736	1118.4	1138.2	1137.9	1.048	2.185	76.842	19.519	0.341	0.014	0.046	0.001	0.000	0.004	0.000	0.000	0.000	0.000	1386.84	-34.70
25	0.6905	1142.8	1163.1	1162.7	1.048	2.176	75.125	19.673	1.756	0.062	0.134	0.011	0.013	0.000	0.000	0.000	0.000	0.000	1399.66	-18.06
26	0.6951	1149.1	1169.4	1169.0	1.052	2.217	74.592	19.806	2.066	0.075	0.162	0.013	0.015	0.001	0.000	0.000	0.000	0.000	1402.67	-13.95
27	0.6956	1151.4	1171.8	1171.5	1.047	2.180	74.601	19.752	2.138	0.080	0.172	0.014	0.016	0.001	0.000	0.000	0.000	0.000	1405.08	-13.06
28	0.6962	1154.1	1174.5	1174.1	1.039	2.137	74.677	19.563	2.266	0.090	0.194	0.015	0.018	0.002	0.000	0.000	0.000	0.000	1407.62	-11.46
29	0.6913	1146.1	1166.4	1166.1	1.044	2.160	75.062	19.657	1.852	0.063	0.138	0.011	0.013	0.001	0.000	0.000	0.000	0.000	1402.87	-16.86
30	0.7310	1163.7	1184.3	1183.9	0.955	4.940	69.657	19.514	4.377	0.149	0.351	0.024	0.027	0.005	0.000	0.000	0.000	0.000	1385.35	7.04
Avg	0.7169	1162.0	1183.0	1182.7	1.039	3.559	71.409	20.401	3.118	0.125	0.297	0.022	0.025	0.005	0.000	0.000	0.000	0.000	1397.45	-0.88

# Source Daily Summary

June 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	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
2	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
3	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
4	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
5	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
6	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
7	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
8	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
9	0.7533	1179.0	1199.9	1199.4	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
10	0.7533	1179.0	1199.9	1199.2	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
11	0.7533	1179.0	1199.9	1199.2	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
12	0.7533	1179.0	1199.9	1199.2	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
13	0.7533	1179.0	1199.9	1199.2	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
14	0.7533	1179.0	1199.9	1199.2	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
15	0.7533	1179.0	1199.9	1199.2	0.976	6.066	66.319	20.394	5.622	0.167	0.400	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1382.45	
16	0.7536	1179.4	1200.3	1199.7	0.967	6.082	66.264	20.452	5.597	0.171	0.408	0.025	0.028	0.005	0.000	0.000	0.000	0.000	1382.60	
17	0.7561	1184.7	1205.7	1205.1	0.965	5.996	66.008	20.620	5.713	0.184	0.444	0.029	0.033	0.007	0.000	0.000	0.000	0.000	1386.57	
18	0.7553	1182.9	1203.9	1203.3	0.961	6.030	66.134	20.504	5.671	0.186	0.442	0.030	0.034	0.008	0.000	0.000	0.000	0.000	1385.28	
19	0.7542	1181.8	1202.8	1202.0	0.967	5.982	66.282	20.465	5.634	0.181	0.423	0.027	0.031	0.007	0.000	0.000	0.000	0.000	1384.99	
20	0.7512	1176.4	1197.3	1196.6	0.972	6.030	66.822	19.947	5.529	0.189	0.444	0.028	0.032	0.006	0.000	0.000	0.000	0.000	1381.36	
21	0.7520	1178.0	1198.9	1198.3	0.967	6.020	66.515	20.345	5.505	0.179	0.409	0.026	0.029	0.006	0.000	0.000	0.000	0.000	1382.48	
22	0.7534	1179.6	1200.5	1200.1	0.962	6.060	66.407	20.259	5.639	0.182	0.431	0.026	0.028	0.007	0.000	0.000	0.000	0.000	1383.08	
23	0.7483	1175.1	1195.9	1195.5	0.979	5.830	66.934	20.498	5.116	0.167	0.410	0.026	0.027	0.012	0.000	0.000	0.000	0.000	1382.50	
24	0.7112	1111.0	1130.7	1130.1	1.018	6.222	69.771	21.460	1.323	0.040	0.154	0.002	0.000	0.009	0.000	0.000	0.000	0.000	1340.53	
25	0.8709	1172.0	1192.8	1192.2	1.546	9.697	46.396	32.671	8.627	0.280	0.677	0.044	0.050	0.012	0.000	0.000	0.000	0.000	1291.74	
26	0.8141	1183.2	1204.1	1203.5	1.246	7.819	56.341	26.314	7.369	0.247	0.575	0.038	0.043	0.009	0.000	0.000	0.000	0.000	1338.38	
27	0.7579	1178.8	1199.7	1198.9	0.990	6.277	65.614	20.697	5.734	0.186	0.438	0.028	0.031	0.006	0.000	0.000	0.000	0.000	1378.26	
28	0.7580	1177.0	1197.8	1197.1	0.987	6.345	66.082	19.868	5.859	0.227	0.542	0.037	0.043	0.009	0.000	0.000	0.000	0.000	1376.22	
29	0.7572	1178.1	1198.9	1198.3	0.986	6.261	65.955	20.280	5.747	0.205	0.490	0.032	0.036	0.008	0.000	0.000	0.000	0.000	1378.07	
30	0.7608	1182.9	1203.8	1203.2	0.991	6.255	65.333	20.790	5.875	0.202	0.478	0.032	0.036	0.008	0.000	0.000	0.000	0.000	1380.41	
<b>Avg</b>	<b>0.7585</b>	<b>1177.0</b>	<b>1197.7</b>	<b>1197.1</b>	<b>1.005</b>	<b>6.263</b>	<b>65.388</b>	<b>21.036</b>	<b>5.642</b>	<b>0.178</b>	<b>0.425</b>	<b>0.026</b>	<b>0.029</b>	<b>0.007</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1376.30</b>	

# Source Daily Summary

June 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	0.7565	1182.4	1203.3	1202.8	0.987	6.140	65.951	20.446	5.809	0.180	0.426	0.027	0.030	0.004	0.000	0.000	0.000	0.000	1383.50	
2	0.7565	1182.8	1203.8	1203.3	0.987	6.114	65.995	20.400	5.825	0.184	0.433	0.027	0.030	0.006	0.000	0.000	0.000	0.000	1384.01	
3	0.7567	1181.0	1201.9	1201.5	0.986	6.246	65.898	20.385	5.818	0.180	0.425	0.027	0.029	0.006	0.000	0.000	0.000	0.000	1381.71	
4	0.7564	1180.9	1201.8	1201.4	0.986	6.225	65.970	20.333	5.809	0.181	0.432	0.027	0.030	0.006	0.000	0.000	0.000	0.000	1381.84	
5	0.7530	1173.8	1194.6	1194.2	0.990	6.332	66.346	20.098	5.604	0.172	0.403	0.024	0.026	0.005	0.000	0.000	0.000	0.000	1376.67	
6	0.7571	1182.5	1203.4	1203.0	0.990	6.181	65.879	20.438	5.833	0.182	0.433	0.028	0.030	0.005	0.000	0.000	0.000	0.000	1383.11	
7	0.7589	1186.6	1207.6	1207.2	0.992	6.103	65.707	20.544	5.932	0.191	0.460	0.031	0.034	0.006	0.000	0.000	0.000	0.000	1386.19	
8	0.7593	1188.0	1209.0	1208.6	0.994	6.053	65.672	20.597	5.960	0.192	0.462	0.031	0.035	0.007	0.000	0.000	0.000	0.000	1387.48	
9	0.7585	1186.5	1207.5	1207.1	0.991	6.067	65.775	20.543	5.908	0.189	0.456	0.030	0.034	0.007	0.000	0.000	0.000	0.000	1386.53	
10	0.7577	1185.6	1206.6	1206.1	0.995	6.046	65.854	20.560	5.833	0.188	0.454	0.030	0.034	0.007	0.000	0.000	0.000	0.000	1386.12	
11	0.7550	1180.5	1201.4	1201.0	0.992	6.109	66.131	20.425	5.677	0.178	0.424	0.027	0.031	0.006	0.000	0.000	0.000	0.000	1382.64	
12	0.7589	1187.2	1208.2	1207.8	0.989	6.070	65.682	20.631	5.911	0.189	0.458	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1386.93	
13	0.7554	1181.0	1201.9	1201.5	0.991	6.111	66.100	20.413	5.718	0.178	0.425	0.027	0.031	0.006	0.000	0.000	0.000	0.000	1382.95	
14	0.7575	1185.5	1206.5	1206.1	0.992	6.039	65.868	20.566	5.828	0.188	0.451	0.029	0.033	0.006	0.000	0.000	0.000	0.000	1386.20	
15	0.7595	1189.5	1210.5	1210.1	0.982	5.997	65.660	20.673	5.941	0.197	0.478	0.032	0.036	0.005	0.000	0.000	0.000	0.000	1389.03	
16	0.7585	1187.0	1208.1	1207.6	0.983	6.046	65.753	20.623	5.863	0.194	0.466	0.031	0.035	0.006	0.000	0.000	0.000	0.000	1387.13	
17	0.7568	1184.4	1205.4	1205.0	0.985	6.042	65.954	20.542	5.776	0.187	0.446	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1385.67	
18	0.7571	1184.1	1205.1	1204.7	0.981	6.094	65.944	20.458	5.809	0.191	0.454	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1385.05	
19	0.7548	1181.1	1202.0	1201.6	0.985	6.066	66.201	20.377	5.694	0.186	0.428	0.028	0.031	0.004	0.000	0.000	0.000	0.000	1383.52	
20	0.7539	1178.6	1199.5	1199.0	0.983	6.132	66.399	20.120	5.668	0.192	0.441	0.028	0.032	0.004	0.000	0.000	0.000	0.000	1381.45	
21	0.7541	1178.5	1199.4	1198.9	0.985	6.153	66.279	20.263	5.655	0.186	0.420	0.027	0.030	0.003	0.000	0.000	0.000	0.000	1381.16	
22	0.7560	1181.7	1202.6	1202.2	0.984	6.138	66.131	20.236	5.806	0.193	0.445	0.029	0.032	0.005	0.000	0.000	0.000	0.000	1383.14	
23	0.7579	1185.0	1206.0	1205.5	0.986	6.118	65.813	20.529	5.822	0.194	0.465	0.031	0.035	0.007	0.000	0.000	0.000	0.000	1385.21	
24	0.7574	1184.4	1205.3	1204.9	0.989	6.105	65.881	20.487	5.823	0.190	0.455	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1384.95	
25	0.7560	1180.7	1201.6	1201.2	0.985	6.198	66.076	20.283	5.744	0.193	0.453	0.029	0.033	0.006	0.000	0.000	0.000	0.000	1382.01	
26	0.7567	1182.2	1203.1	1202.7	0.989	6.169	65.975	20.385	5.763	0.196	0.455	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1383.07	
27	0.7551	1178.4	1199.2	1198.8	0.989	6.252	66.154	20.212	5.702	0.189	0.439	0.028	0.031	0.003	0.000	0.000	0.000	0.000	1380.07	
28	0.7560	1179.7	1200.6	1200.1	0.989	6.253	66.412	19.663	5.856	0.224	0.524	0.035	0.039	0.005	0.000	0.000	0.000	0.000	1380.77	
29	0.7561	1180.3	1201.2	1200.7	0.988	6.229	66.279	19.891	5.829	0.211	0.495	0.033	0.037	0.007	0.000	0.000	0.000	0.000	1381.40	
30	0.7583	1184.7	1205.6	1205.2	0.990	6.167	65.814	20.412	5.865	0.202	0.475	0.032	0.036	0.006	0.000	0.000	0.000	0.000	1384.48	
Avg	0.7567	1183.0	1203.8	1203.3	0.988	6.133	65.985	20.384	5.803	0.190	0.449	0.029	0.033	0.006	0.000	0.000	0.000	0.000	1383.80	

# Gas Composition and Properties

Effective October 1, 2021

Source #: 2501030  
Name: LIGNITE PLANT

Component	Mole %	Liquid Content	Mass %	Property	Total Sample	C6 Plus Fraction
Carbon Dioxide, CO2	0.2283		0.5237	Pressure Base	14.730	
Nitrogen, N2	2.9631		4.3268	Temperature Base	60.00	
Methane, C1	79.4957		66.4767	HCDP @ Sample Pressure		
Ethane, C2	15.2390	4.0765	23.8852	Cricondentherm	-32.804	
Propane, C3	2.0456	0.5637	4.7019	HV, Dry @ Base P, T	1130.73	
iso-Butane, iC4	0.0244	0.0080	0.0739	HV, Sat @ Base P, T	1111.05	
n-Butane, nC4	0.0039	0.0012	0.0118	HV, Sat @ Sample P, T	1130.73	
iso-Pentane, iC5				Relative Density	0.6640	
n-Pentane, nC5						
Neo-Pentane, neo						
Hexanes Plus, C6+						
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>4.6490</b>	<b>100.0000</b>			

**Sample**

Date: 10/01/2021                      Type:

Tech: Wayne Sampson

Pressure:                                      Temp.:

Gauge:    H2O:

Atm. Pressure:                                      H2S:

Remarks:

**Analysis**

Date:    Instrument:

Tech:    Cylinder:

Remarks:



# Source Daily Summary

June 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	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
2	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
3	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
4	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
5	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
6	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
7	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
8	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
9	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
10	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
11	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
12	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
13	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
14	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
15	0.7252	1164.1	1184.7	1184.4	1.068	4.205	69.846	21.198	3.113	0.145	0.357	0.028	0.034	0.008	0.000	0.000	0.000	0.000	1391.20	
16	0.7251	1162.6	1183.2	1182.8	1.064	4.298	69.796	21.192	3.091	0.143	0.348	0.027	0.033	0.008	0.000	0.000	0.000	0.000	1389.43	
17	0.7260	1163.3	1183.9	1183.5	1.032	4.378	70.106	20.429	3.411	0.156	0.388	0.035	0.047	0.017	0.000	0.000	0.000	0.000	1389.49	
18	0.7261	1162.9	1183.5	1183.1	1.044	4.395	69.992	20.594	3.357	0.145	0.370	0.035	0.048	0.020	0.000	0.000	0.000	0.000	1388.94	
19	0.7229	1161.2	1181.7	1181.3	1.098	4.122	70.607	20.233	3.402	0.131	0.319	0.029	0.039	0.019	0.000	0.000	0.000	0.000	1389.81	
20	0.7255	1174.3	1195.1	1194.8	1.211	3.396	69.826	21.877	3.318	0.104	0.230	0.016	0.019	0.004	0.000	0.000	0.000	0.000	1403.08	
21	0.7212	1157.9	1178.4	1178.1	1.056	4.220	70.257	20.998	3.068	0.106	0.248	0.018	0.022	0.006	0.000	0.000	0.000	0.000	1387.63	
22	0.7265	1167.1	1187.8	1187.4	1.046	4.173	70.178	20.291	3.748	0.147	0.360	0.024	0.027	0.007	0.000	0.000	0.000	0.000	1393.52	
23	0.7213	1157.6	1178.1	1177.7	1.050	4.264	70.401	20.722	3.072	0.125	0.309	0.022	0.024	0.010	0.000	0.000	0.000	0.000	1387.12	
24	0.6957	1117.8	1137.6	1137.2	1.085	4.247	72.389	21.645	0.454	0.035	0.133	0.002	0.000	0.008	0.000	0.000	0.000	0.000	1363.89	
25	0.7248	1165.5	1186.2	1185.8	1.047	4.107	70.132	20.878	3.252	0.139	0.352	0.032	0.043	0.018	0.000	0.000	0.000	0.000	1393.25	
26	0.7244	1161.8	1182.4	1182.0	1.048	4.303	70.009	20.854	3.267	0.133	0.325	0.025	0.030	0.007	0.000	0.000	0.000	0.000	1389.18	
27	0.7270	1161.3	1181.8	1181.4	1.064	4.330	69.455	21.310	3.404	0.116	0.276	0.019	0.023	0.003	0.000	0.000	0.000	0.000	1386.38	
28	0.7178	1154.3	1174.7	1174.3	1.053	4.132	70.787	20.752	2.848	0.114	0.268	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1386.54	
29	0.7213	1158.2	1178.7	1178.3	1.061	4.216	70.118	21.250	2.939	0.109	0.260	0.019	0.022	0.005	0.000	0.000	0.000	0.000	1387.80	
30	0.7365	1172.6	1193.4	1193.0	1.070	4.506	68.419	21.495	3.863	0.163	0.398	0.031	0.039	0.016	0.000	0.000	0.000	0.000	1390.82	
Avg	0.7240	1162.0	1182.6	1182.2	1.068	4.205	70.005	21.083	3.106	0.135	0.331	0.026	0.031	0.009	0.000	0.000	0.000	0.000	1389.83	

# Source Daily Summary

June 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	0.7542	1183.0	1204.0	1202.4	0.932	5.971	66.382	20.241	5.804	0.178	0.433	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1386.36	
2	0.7534	1181.7	1202.6	1201.0	0.930	5.980	66.518	20.129	5.767	0.180	0.436	0.026	0.027	0.007	0.000	0.000	0.000	0.000	1385.51	
3	0.7547	1182.5	1203.4	1201.8	0.929	6.054	66.291	20.237	5.818	0.178	0.434	0.026	0.027	0.007	0.000	0.000	0.000	0.000	1385.26	
4	0.7560	1184.6	1205.5	1204.1	0.931	6.049	66.170	20.246	5.902	0.184	0.454	0.028	0.029	0.008	0.000	0.000	0.000	0.000	1386.48	
5	0.7527	1178.3	1199.1	1197.7	0.933	6.114	66.535	20.068	5.694	0.175	0.425	0.024	0.026	0.006	0.000	0.000	0.000	0.000	1382.21	
6	0.7534	1179.9	1200.8	1199.3	0.933	6.086	66.462	20.107	5.748	0.176	0.430	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1383.42	
7	0.7571	1187.5	1208.6	1207.4	0.934	5.965	66.056	20.376	5.942	0.188	0.468	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1388.95	
8	0.7571	1188.2	1209.2	1208.1	0.938	5.918	66.068	20.412	5.937	0.188	0.468	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1389.74	
9	0.7578	1189.8	1210.8	1209.8	0.935	5.895	66.003	20.433	5.995	0.191	0.476	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.91	
10	0.7559	1186.6	1207.6	1206.6	0.940	5.896	66.214	20.381	5.850	0.186	0.463	0.029	0.032	0.009	0.000	0.000	0.000	0.000	1389.02	
11	0.7538	1182.7	1203.7	1202.6	0.939	5.941	66.412	20.312	5.717	0.178	0.438	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1386.39	
12	0.7573	1188.8	1209.9	1208.8	0.936	5.897	66.020	20.502	5.914	0.188	0.470	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.33	
13	0.7547	1184.1	1205.1	1203.8	0.934	5.947	66.324	20.315	5.790	0.180	0.446	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1387.16	
14	0.7550	1185.4	1206.4	1205.4	0.937	5.897	66.302	20.361	5.797	0.184	0.456	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1388.37	
15	0.7582	1191.6	1212.7	1211.7	0.926	5.832	65.989	20.494	5.989	0.198	0.496	0.032	0.035	0.010	0.000	0.000	0.000	0.000	1392.67	
16	0.7569	1188.4	1209.4	1208.3	0.925	5.906	66.084	20.457	5.884	0.193	0.480	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.16	
17	0.7552	1186.2	1207.2	1205.9	0.927	5.881	66.291	20.380	5.805	0.187	0.461	0.029	0.031	0.009	0.000	0.000	0.000	0.000	1389.10	
18	0.7560	1186.7	1207.7	1206.4	0.923	5.928	66.225	20.327	5.856	0.193	0.475	0.030	0.033	0.010	0.000	0.000	0.000	0.000	1389.02	
19	0.7531	1182.2	1203.2	1202.0	0.927	5.921	66.570	20.173	5.724	0.184	0.437	0.026	0.028	0.008	0.000	0.000	0.000	0.000	1386.45	
20	0.7090	1179.8	1200.7	1199.5	0.905	5.906	65.150	20.115	5.716	0.031	1.847	0.036	0.066	0.228	0.000	0.000	0.000	0.000	1426.38	
21	0.7000	1179.1	1200.0	1198.8	0.900	5.900	64.889	20.100	5.700	0.000	2.128	0.038	0.074	0.272	0.000	0.000	0.000	0.000	1434.27	
22	0.7040	1179.5	1200.4	1199.2	0.902	5.905	64.992	20.112	5.708	0.014	2.007	0.037	0.071	0.253	0.000	0.000	0.000	0.000	1430.87	
23	0.7559	1185.7	1206.7	1205.6	0.924	5.975	66.195	20.359	5.806	0.193	0.475	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1387.94	
24	0.7560	1186.3	1207.3	1206.2	0.929	5.947	66.164	20.400	5.832	0.189	0.470	0.029	0.032	0.008	0.000	0.000	0.000	0.000	1388.51	
25	0.7540	1181.9	1202.9	1201.8	0.926	6.028	66.464	20.116	5.742	0.191	0.465	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1385.24	
26	0.7556	1184.6	1205.6	1204.3	0.931	6.005	66.251	20.267	5.807	0.196	0.472	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1386.92	
27	0.7542	1181.6	1202.5	1201.1	0.931	6.059	66.425	20.107	5.762	0.192	0.459	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1384.66	
28	0.7524	1177.0	1197.8	1196.4	0.928	6.173	67.057	19.219	5.782	0.219	0.540	0.034	0.038	0.010	0.000	0.000	0.000	0.000	1380.92	
29	0.7542	1181.4	1202.3	1200.9	0.932	6.067	66.704	19.653	5.827	0.218	0.521	0.033	0.036	0.010	0.000	0.000	0.000	0.000	1384.45	
30	0.7566	1186.1	1207.1	1205.8	0.930	6.012	66.180	20.227	5.880	0.204	0.492	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1387.71	
Avg	0.7501	1184.0	1205.0	1203.8	0.928	5.969	66.179	20.221	5.816	0.172	0.617	0.030	0.035	0.033	0.000	0.000	0.000	0.000	1391.51	

# Source Daily Summary

June 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	0.7549	1181.6	1202.5	1202.3	0.974	6.065	66.140	20.443	5.732	0.176	0.410	0.026	0.027	0.007	0.000	0.000	0.000	0.000	1383.99	
2	0.7556	1182.5	1203.4	1203.2	0.972	6.071	66.113	20.391	5.785	0.180	0.423	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1384.47	
3	0.7542	1180.2	1201.1	1200.9	0.974	6.076	66.325	20.242	5.720	0.180	0.419	0.026	0.028	0.009	0.000	0.000	0.000	0.000	1383.08	
4	0.7553	1180.8	1201.7	1201.5	0.967	6.157	66.086	20.381	5.757	0.177	0.413	0.026	0.027	0.009	0.000	0.000	0.000	0.000	1382.72	
5	0.7644	1182.6	1203.5	1203.3	1.008	6.393	64.664	21.163	6.063	0.191	0.450	0.029	0.031	0.010	0.000	0.000	0.000	0.000	1377.20	
6	0.7529	1175.2	1196.0	1195.8	0.974	6.264	66.381	20.133	5.617	0.174	0.403	0.024	0.025	0.007	0.000	0.000	0.000	0.000	1378.38	
7	0.7571	1187.5	1208.6	1207.4	0.934	5.965	66.056	20.376	5.942	0.188	0.468	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1388.95	
8	0.7571	1188.2	1209.2	1208.1	0.938	5.918	66.068	20.412	5.937	0.188	0.468	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1389.74	
9	0.7578	1189.8	1210.8	1209.8	0.935	5.895	66.003	20.433	5.995	0.191	0.476	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.91	
10	0.7559	1186.6	1207.6	1206.6	0.940	5.896	66.214	20.381	5.850	0.186	0.463	0.029	0.032	0.009	0.000	0.000	0.000	0.000	1389.02	
11	0.7538	1182.7	1203.7	1202.6	0.939	5.941	66.412	20.312	5.717	0.178	0.438	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1386.39	
12	0.7573	1188.8	1209.9	1208.8	0.936	5.897	66.020	20.502	5.914	0.188	0.470	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.33	
13	0.7547	1184.1	1205.1	1203.8	0.934	5.947	66.324	20.315	5.790	0.180	0.446	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1387.16	
14	0.7550	1185.4	1206.4	1205.4	0.937	5.897	66.302	20.361	5.797	0.184	0.456	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1388.37	
15	0.7582	1191.6	1212.7	1211.7	0.926	5.832	65.989	20.494	5.989	0.198	0.496	0.032	0.035	0.010	0.000	0.000	0.000	0.000	1392.67	
16	0.7569	1188.4	1209.4	1208.3	0.925	5.906	66.084	20.457	5.884	0.193	0.480	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.16	
17	0.7552	1186.2	1207.2	1205.9	0.927	5.881	66.291	20.380	5.805	0.187	0.461	0.029	0.031	0.009	0.000	0.000	0.000	0.000	1389.10	
18	0.7560	1186.7	1207.7	1206.4	0.923	5.928	66.225	20.327	5.856	0.193	0.475	0.030	0.033	0.010	0.000	0.000	0.000	0.000	1389.02	
19	0.7531	1182.2	1203.2	1202.0	0.927	5.921	66.570	20.173	5.724	0.184	0.437	0.026	0.028	0.008	0.000	0.000	0.000	0.000	1386.45	
20	0.7090	1179.8	1200.7	1199.5	0.905	5.906	65.150	20.115	5.716	0.031	1.847	0.036	0.066	0.228	0.000	0.000	0.000	0.000	1426.38	
21	0.7000	1179.1	1200.0	1198.8	0.900	5.900	64.889	20.100	5.700	0.000	2.128	0.038	0.074	0.272	0.000	0.000	0.000	0.000	1434.27	
22	0.7040	1179.5	1200.4	1199.2	0.902	5.905	64.992	20.112	5.708	0.014	2.007	0.037	0.071	0.253	0.000	0.000	0.000	0.000	1430.87	
23	0.7559	1185.7	1206.7	1205.6	0.924	5.975	66.195	20.359	5.806	0.193	0.475	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1387.94	
24	0.7560	1186.3	1207.3	1206.2	0.929	5.947	66.164	20.400	5.832	0.189	0.470	0.029	0.032	0.008	0.000	0.000	0.000	0.000	1388.51	
25	0.7540	1181.9	1202.9	1201.8	0.926	6.028	66.464	20.116	5.742	0.191	0.465	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1385.24	
26	0.7554	1180.8	1201.7	1201.5	0.964	6.164	66.176	20.243	5.740	0.195	0.452	0.029	0.032	0.005	0.000	0.000	0.000	0.000	1382.73	
27	0.7564	1183.0	1203.9	1203.7	0.971	6.122	66.028	20.377	5.782	0.198	0.454	0.030	0.033	0.005	0.000	0.000	0.000	0.000	1384.27	
28	0.7561	1182.1	1203.0	1202.8	0.970	6.148	66.073	20.318	5.783	0.195	0.449	0.029	0.031	0.005	0.000	0.000	0.000	0.000	1383.52	
29	0.7532	1175.5	1196.3	1196.1	0.966	6.284	66.866	19.295	5.759	0.223	0.525	0.035	0.039	0.009	0.000	0.000	0.000	0.000	1378.39	
30	0.7537	1177.6	1198.4	1198.2	0.972	6.190	66.540	19.748	5.761	0.215	0.493	0.033	0.036	0.013	0.000	0.000	0.000	0.000	1380.42	
Avg	0.7506	1183.0	1204.4	1203.6	0.944	6.014	66.060	20.295	5.807	0.172	0.611	0.030	0.035	0.033	0.000	0.000	0.000	0.000	1390.35	

# Source Daily Summary

June 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	0.7579	1186.9	1207.9	1207.0	0.973	6.019	65.800	20.629	5.885	0.186	0.439	0.029	0.031	0.009	0.000	0.000	0.000	0.000	1387.53	
2	0.7561	1183.8	1204.8	1204.5	0.974	6.041	66.006	20.514	5.801	0.180	0.421	0.027	0.028	0.007	0.000	0.000	0.000	0.000	1385.51	
3	0.7709	1181.0	1201.9	1201.5	1.051	6.546	63.567	21.888	6.222	0.198	0.460	0.029	0.030	0.009	0.000	0.000	0.000	0.000	1372.58	
4	0.7552	1180.8	1201.7	1201.3	0.968	6.149	66.109	20.363	5.756	0.178	0.415	0.026	0.027	0.008	0.000	0.000	0.000	0.000	1382.78	
5	0.7703	1192.3	1213.4	1212.9	1.006	6.343	63.997	21.462	6.393	0.210	0.505	0.034	0.037	0.012	0.000	0.000	0.000	0.000	1383.60	
6	0.7533	1175.8	1196.6	1196.0	0.976	6.264	66.336	20.154	5.627	0.176	0.409	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1378.67	
7	0.7549	1179.2	1200.1	1199.2	0.975	6.209	66.146	20.288	5.720	0.179	0.419	0.027	0.028	0.008	0.000	0.000	0.000	0.000	1381.18	
8	0.7575	1185.1	1206.0	1205.4	0.976	6.087	65.873	20.499	5.859	0.188	0.446	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.69	
9	0.7572	1185.0	1206.0	1205.3	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
10	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
11	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
12	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
13	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
14	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
15	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
16	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
17	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
18	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
19	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
20	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
21	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
22	0.7572	1185.0	1206.0	1205.9	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
23	0.7572	1185.0	1206.0	1206.0	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
24	0.7572	1185.0	1206.0	1206.0	0.974	6.063	65.931	20.483	5.843	0.188	0.447	0.030	0.032	0.010	0.000	0.000	0.000	0.000	1385.98	
25	0.7568	1184.6	1205.6	1205.3	0.970	6.065	65.964	20.476	5.821	0.189	0.448	0.029	0.031	0.007	0.000	0.000	0.000	0.000	1385.78	
26	0.7560	1183.4	1204.4	1203.6	0.968	6.058	66.106	20.390	5.762	0.191	0.453	0.031	0.034	0.008	0.000	0.000	0.000	0.000	1385.21	
27	0.7563	1183.2	1204.1	1203.1	0.969	6.101	66.057	20.373	5.783	0.195	0.454	0.030	0.033	0.005	0.000	0.000	0.000	0.000	1384.63	
28	0.7554	1181.0	1201.9	1201.7	0.970	6.151	66.147	20.292	5.742	0.193	0.442	0.028	0.030	0.004	0.000	0.000	0.000	0.000	1382.84	
29	0.7529	1174.8	1195.6	1195.4	0.967	6.290	66.864	19.339	5.733	0.218	0.512	0.034	0.036	0.008	0.000	0.000	0.000	0.000	1377.95	
30	0.7548	1179.8	1200.7	1200.6	0.972	6.163	66.367	19.895	5.804	0.217	0.498	0.034	0.037	0.013	0.000	0.000	0.000	0.000	1381.98	
Avg	0.7574	1184.0	1204.7	1204.4	0.977	6.117	65.875	20.476	5.847	0.190	0.449	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1384.39	

# Source Daily Summary

June 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	0.5904	1033.1	1051.4	1051.2	0.531	0.333	93.314	5.686	0.125	0.006	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1368.27	-88.40
2	0.5930	1037.0	1055.4	1055.2	0.526	0.340	92.857	6.088	0.165	0.011	0.010	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1370.54	-85.34
3	0.5929	1036.8	1055.1	1055.0	0.533	0.337	92.900	6.021	0.182	0.012	0.011	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1370.31	-85.17
4	0.5909	1033.6	1051.9	1051.7	0.539	0.338	93.196	5.808	0.109	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1368.36	-88.14
5	0.5905	1031.9	1050.2	1050.0	0.556	0.371	93.307	5.643	0.113	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.69	-88.71
6	0.5916	1031.2	1049.4	1049.3	0.615	0.433	93.131	5.692	0.119	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.40	-88.22
7	0.5919	1030.6	1048.9	1048.6	0.666	0.417	93.123	5.668	0.117	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.32	-88.20
8	0.5922	1031.9	1050.2	1049.9	0.640	0.403	93.049	5.776	0.122	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.70	-87.73
9	0.5914	1031.5	1049.8	1049.5	0.611	0.396	93.178	5.690	0.115	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.11	-88.33
10	0.5910	1031.5	1049.8	1049.4	0.597	0.386	93.228	5.666	0.113	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.48	-88.54
11	0.5917	1032.7	1051.0	1050.6	0.588	0.389	93.082	5.818	0.113	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.32	-87.87
12	0.5929	1034.4	1052.7	1052.5	0.606	0.369	92.865	6.038	0.113	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1367.21	-86.83
13	0.5924	1033.6	1051.9	1051.7	0.607	0.369	92.966	5.941	0.108	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.73	-87.34
14	0.5902	1029.5	1047.7	1047.5	0.623	0.392	93.416	5.460	0.102	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.78	-89.51
15	0.5880	1027.2	1045.4	1045.1	0.599	0.358	93.865	5.055	0.114	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.33	-91.14
16	0.5878	1027.1	1045.3	1045.1	0.573	0.380	93.926	4.964	0.141	0.007	0.007	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1363.49	-90.98
17	0.5861	1025.3	1043.5	1043.3	0.556	0.361	94.209	4.745	0.118	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.00	-92.59
18	0.5856	1024.8	1043.0	1042.8	0.554	0.351	94.298	4.674	0.115	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.89	-93.03
19	0.5852	1024.0	1042.1	1041.9	0.551	0.359	94.405	4.556	0.116	0.005	0.005	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.35	-93.41
20	0.5852	1024.1	1042.2	1041.9	0.550	0.359	94.403	4.559	0.116	0.005	0.005	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.39	-93.40
21	0.5855	1024.6	1042.7	1042.5	0.554	0.351	94.326	4.654	0.109	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1362.73	-93.27
22	0.5855	1024.6	1042.7	1042.5	0.550	0.361	94.302	4.676	0.103	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1362.69	-93.27
23	0.5841	1022.3	1040.4	1040.1	0.557	0.350	94.600	4.396	0.091	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1361.39	-94.69
24	0.5840	1022.2	1040.3	1040.1	0.565	0.333	94.627	4.380	0.089	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1361.40	-94.76
25	0.5840	1022.5	1040.6	1040.4	0.560	0.328	94.631	4.373	0.099	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1361.69	-94.60
26	0.5839	1022.6	1040.7	1040.5	0.559	0.318	94.633	4.392	0.091	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1361.89	-94.66
27	0.5856	1024.5	1042.6	1042.5	0.585	0.322	94.311	4.685	0.091	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1362.45	-93.27
28	0.5860	1025.0	1043.2	1043.0	0.588	0.321	94.234	4.760	0.090	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.72	-92.91
29	0.5854	1024.8	1043.0	1042.8	0.550	0.333	94.326	4.690	0.093	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.16	-93.32
30	0.5863	1026.1	1044.2	1044.1	0.538	0.359	94.141	4.851	0.105	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.80	-92.48
Avg	0.5884	1028.0	1046.6	1046.4	0.574	0.361	93.762	5.180	0.113	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.42	-90.67

# Source Daily Summary

June 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	0.7539	1182.6	1203.5	1202.6	0.932	5.974	66.414	20.226	5.787	0.177	0.431	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1386.06	
2	0.7531	1181.2	1202.1	1201.5	0.931	5.986	66.546	20.114	5.752	0.179	0.433	0.026	0.027	0.007	0.000	0.000	0.000	0.000	1385.16	
3	0.7544	1182.1	1203.0	1202.3	0.929	6.051	66.327	20.225	5.799	0.177	0.432	0.026	0.027	0.007	0.000	0.000	0.000	0.000	1385.06	
4	0.7558	1184.1	1205.1	1204.4	0.931	6.056	66.191	20.233	5.888	0.183	0.452	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1386.15	
5	0.7526	1178.2	1199.1	1198.4	0.933	6.114	66.544	20.062	5.692	0.174	0.425	0.024	0.026	0.006	0.000	0.000	0.000	0.000	1382.17	
6	0.7530	1179.1	1199.9	1199.2	0.933	6.098	66.510	20.074	5.725	0.175	0.427	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1382.82	
7	0.7569	1187.0	1208.0	1207.3	0.935	5.973	66.082	20.363	5.925	0.187	0.465	0.029	0.032	0.009	0.000	0.000	0.000	0.000	1388.57	
8	0.7568	1187.6	1208.7	1208.0	0.938	5.924	66.100	20.395	5.919	0.187	0.466	0.029	0.032	0.009	0.000	0.000	0.000	0.000	1389.36	
9	0.7574	1189.0	1210.0	1209.3	0.935	5.904	66.051	20.406	5.970	0.190	0.473	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1390.36	
10	0.7556	1186.0	1207.0	1206.1	0.940	5.906	66.253	20.353	5.834	0.185	0.460	0.029	0.032	0.009	0.000	0.000	0.000	0.000	1388.56	
11	0.7539	1182.9	1203.8	1203.0	0.939	5.940	66.407	20.312	5.719	0.178	0.440	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1386.46	
12	0.7568	1187.9	1209.0	1208.3	0.937	5.903	66.078	20.474	5.886	0.187	0.466	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1389.76	
13	0.7548	1184.3	1205.2	1204.6	0.934	5.949	66.310	20.318	5.796	0.180	0.447	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1387.25	
14	0.7544	1184.3	1205.2	1204.5	0.937	5.908	66.370	20.326	5.763	0.181	0.450	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1387.61	
15	0.7580	1191.2	1212.2	1211.3	0.927	5.837	66.013	20.478	5.978	0.197	0.494	0.032	0.035	0.010	0.000	0.000	0.000	0.000	1392.38	
16	0.7567	1188.1	1209.1	1208.3	0.925	5.910	66.102	20.446	5.874	0.192	0.479	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1389.95	
17	0.7551	1186.1	1207.1	1206.2	0.927	5.881	66.303	20.371	5.802	0.187	0.461	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1389.05	
18	0.7556	1186.1	1207.1	1206.2	0.923	5.929	66.269	20.310	5.832	0.192	0.472	0.030	0.033	0.010	0.000	0.000	0.000	0.000	1388.66	
19	0.7532	1182.4	1203.4	1202.4	0.927	5.924	66.552	20.174	5.735	0.185	0.440	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1386.55	
20	0.7089	1183.4	1204.4	1203.1	0.905	5.823	66.429	20.023	5.781	0.579	0.404	0.022	0.028	0.006	0.000	0.000	0.000	0.000	1430.85	
21	0.7000	1184.0	1205.0	1203.6	0.900	5.800	66.385	20.000	5.800	0.659	0.400	0.022	0.029	0.005	0.000	0.000	0.000	0.000	1440.25	
22	0.7039	1183.9	1204.8	1203.5	0.902	5.814	66.392	20.011	5.795	0.625	0.404	0.022	0.029	0.006	0.000	0.000	0.000	0.000	1436.22	
23	0.7553	1184.7	1205.7	1204.9	0.924	5.987	66.264	20.312	5.778	0.192	0.472	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1387.26	
24	0.7558	1185.8	1206.8	1205.8	0.929	5.953	66.194	20.385	5.814	0.188	0.468	0.029	0.032	0.008	0.000	0.000	0.000	0.000	1388.16	
25	0.7540	1181.9	1202.9	1202.0	0.927	6.024	66.470	20.113	5.742	0.191	0.465	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1385.27	
26	0.7555	1184.4	1205.3	1204.5	0.931	6.009	66.263	20.258	5.801	0.196	0.472	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1386.76	
27	0.7539	1181.1	1202.0	1201.0	0.931	6.062	66.458	20.092	5.744	0.191	0.457	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1384.36	
28	0.7521	1176.4	1197.2	1196.2	0.927	6.182	67.088	19.205	5.763	0.217	0.536	0.034	0.038	0.010	0.000	0.000	0.000	0.000	1380.48	
29	0.7538	1180.6	1201.5	1200.4	0.932	6.078	66.775	19.587	5.810	0.218	0.521	0.033	0.036	0.010	0.000	0.000	0.000	0.000	1383.84	
30	0.7562	1185.3	1206.3	1205.3	0.930	6.020	66.224	20.205	5.854	0.203	0.489	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1387.21	
Avg	0.7499	1184.0	1205.0	1204.1	0.928	5.964	66.346	20.195	5.812	0.232	0.457	0.028	0.031	0.008	0.000	0.000	0.000	0.000	1391.75	

# Source Daily Summary

June 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	0.6393	1062.9	1081.7	1080.7	0.930	2.516	83.985	11.834	0.687	0.017	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1352.91	
2	0.6375	1061.1	1079.9	1079.4	0.928	2.459	84.390	11.459	0.712	0.018	0.032	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1352.51	
3	0.6396	1063.3	1082.1	1081.3	0.942	2.502	83.994	11.776	0.731	0.019	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1353.09	
4	0.6390	1062.8	1081.6	1080.8	0.936	2.492	84.098	11.697	0.724	0.019	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1352.97	
5	0.6357	1060.0	1078.8	1078.0	0.927	2.355	84.737	11.256	0.676	0.017	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1353.07	
6	0.6570	1088.6	1107.9	1106.9	0.969	2.564	80.324	15.464	0.641	0.014	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1366.68	
7	0.6980	1143.2	1163.5	1162.6	1.083	2.922	71.817	23.666	0.496	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1392.61	
8	0.6938	1137.3	1157.4	1156.5	1.086	2.890	72.681	22.826	0.498	0.008	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.48	
9	0.6573	1086.2	1105.4	1104.6	1.007	2.678	80.249	15.425	0.604	0.013	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1363.33	
10	0.6374	1057.5	1076.2	1075.4	0.966	2.607	84.418	11.264	0.694	0.018	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1348.09	
11	0.6396	1061.0	1079.8	1079.2	0.978	2.582	84.031	11.620	0.733	0.020	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1350.24	
12	0.6363	1058.4	1077.1	1076.6	0.941	2.488	84.608	11.243	0.675	0.017	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1350.37	
13	0.6383	1060.1	1078.9	1078.4	0.960	2.542	84.189	11.607	0.659	0.015	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1350.46	
14	0.6427	1065.0	1083.9	1083.2	0.979	2.635	83.380	12.206	0.748	0.018	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1351.97	
15	0.6392	1060.4	1079.2	1078.3	0.972	2.597	84.053	11.627	0.696	0.019	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1349.79	
16	0.6409	1064.4	1083.2	1082.5	0.966	2.521	83.779	11.929	0.746	0.021	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1353.08	
17	0.6366	1059.9	1078.6	1077.8	0.927	2.453	84.445	11.532	0.600	0.015	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1351.88	
18	0.6377	1061.0	1079.8	1079.0	0.927	2.488	84.266	11.626	0.647	0.016	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1352.15	
19	0.6730	1108.7	1128.3	1127.3	1.025	2.753	77.066	18.497	0.627	0.012	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1375.37	
20	0.6942	1137.7	1157.9	1156.9	1.071	2.921	72.596	22.874	0.518	0.008	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.66	
21	0.6589	1087.8	1107.1	1106.2	1.002	2.734	79.954	15.628	0.644	0.014	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1363.80	
22	0.6728	1106.6	1126.2	1125.5	1.047	2.834	77.043	18.480	0.566	0.011	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1372.86	
23	0.6893	1130.5	1150.5	1149.6	1.067	2.908	73.597	21.895	0.513	0.008	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1385.68	
24	0.6840	1120.5	1140.4	1139.3	0.895	3.266	75.207	19.428	1.113	0.031	0.056	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1378.85	
25	0.6887	1129.1	1149.1	1148.1	0.731	3.424	74.725	19.289	1.672	0.053	0.097	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1384.66	
26	0.6790	1105.6	1125.2	1124.0	1.014	3.523	76.243	18.072	1.061	0.031	0.054	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1365.54	
27	0.6926	1136.2	1156.3	1154.9	0.771	3.306	73.844	20.405	1.534	0.047	0.085	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1389.44	
28	0.6902	1131.7	1151.8	1150.9	0.714	3.442	74.382	19.665	1.648	0.050	0.091	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1386.31	
29	0.6796	1106.2	1125.8	1124.7	0.996	3.568	76.159	18.074	1.118	0.030	0.052	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1365.66	
30	0.6864	1119.2	1139.0	1137.9	1.042	3.350	74.516	20.183	0.855	0.020	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1374.80	
Avg	0.6612	1091.0	1110.4	1109.5	0.960	2.811	79.626	15.752	0.795	0.020	0.036	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1365.58	

# Source Daily Summary

June 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	0.6599	1090.7	1110.0	1109.5	0.612	3.241	79.973	14.846	1.252	0.029	0.045	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.46
2	0.6547	1086.0	1105.2	1104.6	0.571	3.106	80.849	14.295	1.117	0.025	0.036	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1365.87
3	0.6742	1111.3	1131.0	1130.4	0.551	3.419	77.583	16.568	1.740	0.049	0.083	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1377.46
4	0.6803	1120.2	1140.1	1139.5	0.565	3.428	76.651	17.235	1.939	0.060	0.110	0.007	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1382.24
5	0.6761	1113.6	1133.3	1132.7	0.621	3.356	77.281	16.879	1.706	0.052	0.095	0.006	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1378.29
6	0.6810	1120.6	1140.4	1140.0	0.523	3.540	76.599	17.087	2.040	0.068	0.129	0.008	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1381.91
7	0.6831	1124.5	1144.4	1144.2	0.468	3.578	76.276	17.263	2.201	0.071	0.130	0.008	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1384.68
8	0.6830	1124.0	1143.9	1143.5	0.440	3.646	76.273	17.222	2.196	0.072	0.136	0.008	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1384.07
9	0.6809	1122.4	1142.3	1141.9	0.476	3.488	76.405	17.496	1.975	0.055	0.095	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1384.34
10	0.6815	1121.3	1141.2	1140.7	0.661	3.335	76.035	18.256	1.579	0.046	0.080	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1382.36
11	0.6768	1114.9	1134.6	1134.1	0.591	3.382	77.277	16.737	1.842	0.057	0.103	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1379.24
12	0.6750	1112.9	1132.6	1132.1	0.590	3.336	77.502	16.675	1.747	0.052	0.090	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1378.64
13	0.6682	1101.0	1120.5	1120.1	0.674	3.298	78.543	15.975	1.407	0.037	0.061	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1370.81
14	0.6669	1097.7	1117.1	1116.6	0.803	3.184	78.931	15.607	1.361	0.039	0.068	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1367.96
15	0.6699	1101.5	1121.0	1120.5	0.757	3.304	78.335	16.058	1.428	0.040	0.071	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1369.63
16	0.6720	1106.9	1126.5	1125.9	0.663	3.321	77.927	16.421	1.540	0.045	0.076	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1374.10
17	0.6696	1104.0	1123.6	1123.1	0.688	3.224	78.450	15.992	1.514	0.044	0.079	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1373.10
18	0.6733	1109.5	1129.2	1128.7	0.635	3.320	77.777	16.484	1.640	0.048	0.086	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1376.11
19	0.6789	1116.4	1136.1	1135.1	0.495	3.644	77.015	16.566	2.066	0.068	0.131	0.009	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1378.82
20	0.6746	1103.3	1122.8	1122.3	0.695	3.726	77.857	15.639	1.898	0.062	0.111	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1367.03
21	0.6811	1119.8	1139.6	1139.0	0.569	3.529	76.494	17.251	1.972	0.062	0.110	0.007	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1380.82
22	0.6836	1124.6	1144.5	1143.9	0.525	3.532	76.046	17.654	2.055	0.064	0.114	0.007	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1384.30
23	0.6787	1110.8	1130.5	1130.2	0.709	3.638	76.981	16.629	1.866	0.059	0.106	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1372.19
24	0.6907	1136.7	1156.8	1155.4	0.504	3.492	74.959	18.476	2.328	0.078	0.146	0.009	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1391.99
25	0.6895	1135.0	1155.1	1154.5	0.492	3.503	75.116	18.379	2.278	0.076	0.141	0.008	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1391.05
26	0.6890	1134.0	1154.1	1152.8	0.499	3.509	75.240	18.231	2.286	0.077	0.143	0.008	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1390.33
27	0.6909	1135.5	1155.6	1154.2	0.465	3.643	75.101	17.996	2.534	0.086	0.158	0.009	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1390.30
28	0.6847	1124.3	1144.2	1143.8	0.548	3.624	76.049	17.332	2.230	0.073	0.130	0.007	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1382.69
29	0.6914	1137.4	1157.5	1157.2	0.495	3.527	75.079	18.093	2.535	0.089	0.165	0.010	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1392.11
30	0.6897	1135.9	1156.0	1155.4	0.479	3.501	75.201	18.012	2.499	0.085	0.158	0.009	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1392.02
Avg	0.6783	1117.0	1136.3	1135.7	0.579	3.446	76.993	16.912	1.892	0.059	0.106	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1379.70

# Source Daily Summary

June 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	0.6990	1142.8	1163.0	1161.2	1.142	2.950	71.688	23.693	0.510	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1391.11	-23.71
2	0.6988	1143.1	1163.3	1161.6	1.132	2.935	71.693	23.727	0.495	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1391.61	-23.79
3	0.6993	1143.6	1163.8	1162.3	1.142	2.933	71.609	23.794	0.506	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1391.75	-23.51
4	0.6972	1139.9	1160.1	1158.5	1.146	2.952	72.081	23.273	0.533	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.36	-24.60
5	0.6988	1142.5	1162.8	1160.9	1.163	2.921	71.740	23.646	0.513	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.94	-23.77
6	0.6981	1141.6	1161.8	1160.3	1.149	2.936	71.849	23.551	0.499	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.47	-24.17
7	0.6983	1142.1	1162.3	1160.9	1.141	2.932	71.803	23.619	0.490	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.91	-24.08
8	0.6983	1142.2	1162.4	1160.8	1.143	2.926	71.801	23.620	0.494	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1391.01	-24.04
9	0.6975	1141.1	1161.3	1159.7	1.145	2.916	71.973	23.449	0.501	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.45	-24.41
10	0.6980	1141.1	1161.3	1159.7	1.160	2.932	71.910	23.467	0.515	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.07	-24.21
11	0.6983	1141.8	1162.0	1160.5	1.151	2.935	71.827	23.570	0.501	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.57	-24.09
12	0.6979	1141.3	1161.5	1159.5	1.141	2.947	71.877	23.523	0.495	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.28	-24.28
13	0.6981	1141.6	1161.8	1159.9	1.145	2.933	71.859	23.551	0.496	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.59	-24.21
14	0.6980	1141.2	1161.5	1160.0	1.143	2.950	71.886	23.501	0.504	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.22	-24.26
15	0.6981	1141.3	1161.5	1159.8	1.156	2.939	71.889	23.481	0.519	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.15	-24.15
16	0.6980	1141.5	1161.7	1160.2	1.145	2.936	71.878	23.518	0.507	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.46	-24.18
17	0.6980	1141.2	1161.4	1160.1	1.134	2.967	71.872	23.502	0.509	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.18	-24.23
18	0.6974	1140.4	1160.6	1159.3	1.150	2.940	72.005	23.386	0.503	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.73	-24.53
19	0.6978	1140.8	1161.0	1159.4	1.151	2.945	71.934	23.441	0.513	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.89	-24.32
20	0.6974	1140.1	1160.2	1158.8	1.164	2.934	72.011	23.386	0.488	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.37	-24.63
21	0.6973	1140.1	1160.3	1158.4	1.149	2.947	72.022	23.372	0.494	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.49	-24.65
22	0.6969	1139.5	1159.7	1158.3	1.146	2.950	72.072	23.347	0.470	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.16	-24.95
23	0.6969	1139.8	1160.0	1158.4	1.145	2.932	72.086	23.335	0.486	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.55	-24.83
24	0.6974	1140.9	1161.1	1159.5	1.140	2.917	72.011	23.406	0.510	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.44	-24.45
25	0.6972	1140.1	1160.2	1158.8	1.153	2.934	72.041	23.362	0.494	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.54	-24.67
26	0.6969	1139.8	1160.0	1158.5	1.141	2.940	72.098	23.306	0.499	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.51	-24.79
27	0.6971	1140.2	1160.4	1158.7	1.146	2.928	72.063	23.339	0.508	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.83	-24.63
28	0.6970	1140.1	1160.3	1158.9	1.141	2.928	72.088	23.321	0.504	0.007	0.010	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1389.84	-24.59
29	0.6973	1140.7	1160.9	1159.5	1.140	2.930	72.011	23.398	0.505	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.15	-24.52
30	0.6977	1140.2	1160.4	1158.8	1.146	2.988	71.929	23.422	0.499	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.20	-24.51
Avg	0.6978	1141.0	1161.3	1159.7	1.146	2.938	71.920	23.477	0.502	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.19	-24.33

# Source Daily Summary

June 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	0.6386	1047.3	1065.8	1059.2	1.242	2.928	84.485	10.517	0.763	0.023	0.037	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1333.74	-56.64
2	0.6393	1049.1	1067.6	1064.8	1.209	2.934	84.333	10.681	0.779	0.023	0.038	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1335.27	-55.99
3	0.6383	1047.3	1065.9	1062.2	1.214	2.942	84.491	10.547	0.745	0.022	0.035	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1334.08	-57.00
4	0.6386	1047.7	1066.2	1062.5	1.217	2.946	84.425	10.609	0.743	0.022	0.035	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1334.18	-56.89
5	0.6381	1044.7	1063.2	1059.0	1.221	3.070	84.479	10.470	0.703	0.021	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1330.96	-57.91
6	0.6391	1045.2	1063.7	1058.1	1.237	3.107	84.317	10.557	0.721	0.022	0.035	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1330.57	-57.21
7	0.6403	1047.1	1065.6	1061.2	1.255	3.078	84.090	10.796	0.721	0.021	0.034	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1331.73	-56.44
8	0.6380	1047.9	1066.4	1062.6	1.150	2.973	84.450	10.659	0.712	0.020	0.033	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1335.14	-57.40
9	0.6383	1048.2	1066.8	1060.1	1.149	2.978	84.397	10.706	0.715	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1335.32	-57.27
10	0.6385	1049.4	1068.0	1060.7	1.134	2.950	84.357	10.774	0.728	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1336.58	-56.89
11	0.6377	1047.1	1065.6	1060.1	1.176	2.959	84.499	10.627	0.686	0.019	0.030	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1334.38	-58.02
12	0.6380	1050.5	1069.1	1065.1	1.152	2.806	84.533	10.688	0.765	0.020	0.031	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1338.54	-56.70
13	0.6375	1051.7	1070.3	1065.6	1.138	2.717	84.557	10.830	0.710	0.018	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1340.45	-57.19
14	0.6391	1048.3	1066.9	1060.2	1.274	2.860	84.376	10.712	0.723	0.020	0.032	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1334.57	-56.77
15	0.6392	1046.7	1065.3	1058.5	1.299	2.931	84.381	10.596	0.731	0.021	0.035	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1332.39	-56.82
16	0.6407	1047.3	1065.8	1059.5	1.321	3.004	84.106	10.760	0.748	0.022	0.035	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1331.55	-55.99
17	0.6396	1045.4	1063.9	1057.7	1.343	2.976	84.321	10.592	0.711	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1330.40	-57.16
18	0.6362	1041.4	1059.8	1052.9	1.304	2.963	84.853	10.224	0.614	0.016	0.024	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1328.77	-60.41
19	0.6353	1041.7	1060.1	1051.6	1.268	2.917	84.984	10.197	0.595	0.015	0.023	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1330.07	-60.97
20	0.6332	1041.1	1059.6	1053.2	1.223	2.818	85.359	9.989	0.576	0.014	0.021	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1331.62	-62.24
21	0.6326	1041.0	1059.4	1053.3	1.223	2.773	85.479	9.921	0.565	0.015	0.022	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1332.02	-62.51
22	0.6370	1047.6	1066.2	1062.7	1.240	2.758	84.743	10.517	0.692	0.018	0.029	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1335.85	-58.19
23	0.6380	1044.8	1063.3	1058.2	1.215	3.067	84.507	10.429	0.727	0.020	0.032	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1331.14	-57.85
24	0.6397	1046.3	1064.9	1058.0	1.228	3.108	84.213	10.632	0.760	0.021	0.034	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1331.40	-56.63
25	0.6378	1044.0	1062.5	1056.4	1.200	3.117	84.529	10.366	0.730	0.021	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1330.40	-57.98
26	0.6374	1045.9	1064.4	1056.8	1.256	2.879	84.680	10.425	0.705	0.020	0.032	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1333.21	-57.97
27	0.6379	1046.9	1065.4	1056.0	1.260	2.855	84.614	10.497	0.718	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1334.00	-57.53
28	0.6392	1049.0	1067.6	1060.1	1.268	2.844	84.378	10.701	0.750	0.021	0.035	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1335.24	-56.28
29	0.6390	1045.3	1063.8	1057.1	1.246	3.074	84.352	10.543	0.727	0.021	0.034	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1330.89	-57.23
30	0.6392	1044.4	1062.9	1055.1	1.258	3.137	84.295	10.533	0.721	0.021	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1329.43	-57.44
Avg	0.6380	1046.0	1064.9	1058.9	1.231	2.949	84.519	10.536	0.709	0.020	0.032	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1333.13	-57.72



June-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	
6/1/2025	6/2/2025	0	0	0	941	1,132	1203.5	1203.500	6/1/2025
6/2/2025	6/3/2025	0	0	0	1,289	1,549	1202.1	1202.100	6/2/2025
6/3/2025	6/4/2025	2,000	2,155	1077.7	1,204	1,449	1203	1124.785	6/3/2025
6/4/2025	6/5/2025	19,007	20,521	1079.1	1,201	1,447	1205.1	1086.588	6/4/2025
6/5/2025	6/6/2025	0	0	0	1,323	1,587	1199.1	1199.100	6/5/2025
6/6/2025	6/7/2025	0	0	0	1,079	1,294	1199.9	1199.900	6/6/2025
6/7/2025	6/8/2025	0	0	0	1,108	1,339	1208	1208.000	6/7/2025
6/8/2025	6/9/2025	384	412	1072.3	1,267	1,531	1208.7	1176.975	6/8/2025
6/9/2025	6/10/2025	1,208	1,294	1071.5	1,205	1,458	1210	1140.664	6/9/2025
6/10/2025	6/11/2025	365	391	1071.6	1,061	1,281	1207	1172.343	6/10/2025
6/11/2025	6/12/2025	518	554	1071	1,067	1,284	1203.8	1160.399	6/11/2025
6/12/2025	6/13/2025	0	0	0	1,204	1,455	1209	1209.000	6/12/2025
6/13/2025	6/14/2025	0	0	0	1,264	1,523	1205.2	1205.200	6/13/2025
6/14/2025	6/15/2025	0	0	0	1,058	1,275	1205.2	1205.200	6/14/2025
6/15/2025	6/16/2025	0	0	0	970	1,177	1212.2	1212.200	6/15/2025
6/16/2025	6/17/2025	0	0	0	1,091	1,320	1209.1	1209.100	6/16/2025
6/17/2025	6/18/2025	13,799	14,819	1073.9	1,030	1,244	1207.1	1083.152	6/17/2025
6/18/2025	6/19/2025	20,584	22,175	1076.4	994	1,201	1207.1	1082.421	6/18/2025
6/19/2025	6/20/2025	11,230	12,104	1079.2	948	1,141	1203.4	1088.868	6/19/2025
6/20/2025	6/21/2025	930	999	1074.1	895	1,077	1204.4	1138.001	6/20/2025
6/21/2025	6/22/2025	7,908	8,528	1078.1	893	1,076	1205	1090.976	6/21/2025
6/22/2025	6/23/2025	5	5	1082.5	1,063	1,281	1204.8	1204.227	6/22/2025
6/23/2025	6/24/2025	16,098	17,439	1083.2	1,138	1,372	1205.7	1091.288	6/23/2025
6/24/2025	6/25/2025	18,464	19,969	1082.1	1,009	1,218	1206.8	1088.561	6/24/2025
6/25/2025	6/26/2025	1,282	1,392	1085.8	1,005	1,209	1202.9	1137.258	6/25/2025
6/26/2025	6/27/2025	8,586	9,315	1084.6	1,029	1,241	1205.3	1097.517	6/26/2025
6/27/2025	6/28/2025	0	0	0	893	1,073	1202	1202.000	6/27/2025
6/28/2025	6/29/2025	0	0	0	846	1,014	1197.2	1197.200	6/28/2025
6/29/2025	6/30/2025	1,574	1,714	1088.9	888	1,068	1201.5	1129.513	6/29/2025
6/30/2025	7/1/2025	13,019	14,169	1088.5	966	1,166	1206.3	1096.637	6/30/2025
		136,961	147,955	647.3500	31,929	38,482	1205.0133	1154.7558	



# Alliance Pipeline

DAILY ANALYSIS --- USA  
ND07MD1 --- Hankinson Sales  
June 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	1,152.704	0.6601	84.2887	9.9837	3.2937	0.3387	0.5970	0.0587	0.0487	0.0217	0.9032	0.4565	0.0094
2	1,148.571	0.6579	84.4510	9.9689	3.1971	0.3198	0.5435	0.0520	0.0439	0.0174	0.9253	0.4713	0.0099
3	1,150.001	0.6584	84.4477	9.9517	3.2252	0.3285	0.5640	0.0528	0.0451	0.0177	0.8893	0.4684	0.0098
4	1,149.776	0.6581	84.4305	9.9998	3.2124	0.3220	0.5536	0.0524	0.0449	0.0175	0.9096	0.4478	0.0094
5	1,152.380	0.6594	84.1882	10.2175	3.2616	0.3205	0.5565	0.0504	0.0445	0.0171	0.9134	0.4216	0.0087
6	1,153.318	0.6602	84.0731	10.2816	3.2886	0.3206	0.5701	0.0491	0.0429	0.0160	0.9223	0.4268	0.0088
7	1,153.478	0.6602	84.0901	10.2674	3.2743	0.3266	0.5733	0.0521	0.0456	0.0174	0.9273	0.4168	0.0090
8	1,150.836	0.6584	84.3813	10.0573	3.2253	0.3219	0.5664	0.0502	0.0435	0.0162	0.9058	0.4234	0.0087
9	1,150.830	0.6583	84.3657	10.1030	3.2228	0.3171	0.5543	0.0492	0.0433	0.0162	0.8971	0.4223	0.0089
10	1,153.877	0.6608	84.0517	10.2247	3.3191	0.3287	0.5811	0.0524	0.0467	0.0182	0.9382	0.4303	0.0090
11	1,154.927	0.6616	83.9515	10.2388	3.3699	0.3339	0.5953	0.0525	0.0454	0.0168	0.9655	0.4216	0.0088
12	1,153.184	0.6594	84.2703	10.1319	3.2808	0.3304	0.5709	0.0531	0.0467	0.0175	0.8774	0.4126	0.0085
13	1,153.856	0.6605	84.0667	10.2773	3.3084	0.3207	0.5716	0.0497	0.0445	0.0167	0.8973	0.4380	0.0092
14	1,150.688	0.6578	84.4476	10.0688	3.2060	0.3156	0.5526	0.0522	0.0440	0.0167	0.8740	0.4139	0.0087
15	1,149.307	0.6569	84.5696	9.9803	3.1943	0.3098	0.5351	0.0534	0.0438	0.0164	0.8860	0.4028	0.0085
16	1,150.899	0.6581	84.4681	9.9866	3.2419	0.3206	0.5533	0.0585	0.0461	0.0173	0.8769	0.4214	0.0092
17	1,151.196	0.6586	84.3646	10.0580	3.2394	0.3197	0.5600	0.0578	0.0454	0.0174	0.9112	0.4177	0.0088
18	1,151.340	0.6585	84.3950	10.0250	3.2610	0.3228	0.5555	0.0569	0.0451	0.0169	0.8990	0.4143	0.0087
19	1,152.555	0.6594	84.2510	10.1396	3.2777	0.3197	0.5589	0.0575	0.0463	0.0193	0.9058	0.4151	0.0089
20	1,150.730	0.6583	84.4092	10.0347	3.2304	0.3189	0.5475	0.0571	0.0479	0.0193	0.8980	0.4281	0.0090
21	1,151.128	0.6588	84.3374	10.0682	3.2496	0.3183	0.5532	0.0564	0.0463	0.0185	0.9074	0.4358	0.0088
22	1,152.497	0.6598	84.1744	10.1653	3.2944	0.3182	0.5596	0.0566	0.0460	0.0175	0.9276	0.4314	0.0090
23	1,151.731	0.6594	84.2324	10.1331	3.2740	0.3178	0.5522	0.0564	0.0459	0.0177	0.9176	0.4438	0.0091
24	1,148.633	0.6571	84.5486	9.9770	3.1630	0.3121	0.5377	0.0558	0.0445	0.0185	0.8932	0.4401	0.0095
25	1,149.182	0.6577	84.5204	9.9353	3.1889	0.3188	0.5480	0.0591	0.0489	0.0196	0.9071	0.4445	0.0095
26	1,148.204	0.6572	84.5588	9.9391	3.1622	0.3132	0.5391	0.0563	0.0457	0.0188	0.9019	0.4562	0.0087
27	1,150.196	0.6582	84.4377	9.9966	3.2207	0.3214	0.5480	0.0573	0.0474	0.0197	0.8966	0.4454	0.0093
28	1,150.801	0.6590	84.4388	9.8874	3.2650	0.3339	0.5712	0.0599	0.0499	0.0203	0.9022	0.4613	0.0100
29	1,151.080	0.6589	84.4883	9.8282	3.2679	0.3390	0.5852	0.0620	0.0512	0.0202	0.8934	0.4545	0.0101
30	1,152.890	0.6604	84.3205	9.8766	3.3321	0.3465	0.6024	0.0636	0.0535	0.0212	0.9113	0.4620	0.0102
<b>Volume</b>	<b>1,151.370</b>	<b>0.6589</b>	<b>84.3333</b>	<b>10.0610</b>	<b>3.2516</b>	<b>0.3232</b>	<b>0.5620</b>	<b>0.0550</b>	<b>0.0461</b>	<b>0.0180</b>	<b>0.9059</b>	<b>0.4346</b>	<b>0.0091</b>
<b>Weight Avg Energy</b>	<b>1,151.373</b>	<b>0.6589</b>	<b>84.3331</b>	<b>10.0611</b>	<b>3.2517</b>	<b>0.3232</b>	<b>0.5621</b>	<b>0.0550</b>	<b>0.0461</b>	<b>0.0180</b>	<b>0.9060</b>	<b>0.4346</b>	<b>0.0091</b>



# Alliance Pipeline

DAILY ANALYSIS --- USA  
ND14MD1 --- Milnor Sales  
June 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	1,150.729	0.6591	84.3648	9.9625	3.2502	0.3300	0.5775	0.0559	0.0456	0.0198	0.9210	0.4634	0.0094
2	1,148.808	0.6580	84.4587	9.9579	3.2030	0.3215	0.5471	0.0524	0.0444	0.0173	0.9158	0.4721	0.0099
3	1,150.040	0.6584	84.4366	9.9644	3.2262	0.3279	0.5615	0.0527	0.0450	0.0178	0.8917	0.4664	0.0098
4	1,149.856	0.6581	84.4129	10.0283	3.2091	0.3202	0.5515	0.0519	0.0447	0.0173	0.9110	0.4438	0.0092
5	1,152.594	0.6595	84.1797	10.2181	3.2664	0.3212	0.5603	0.0506	0.0447	0.0173	0.9130	0.4201	0.0087
6	1,153.610	0.6604	84.0553	10.2897	3.2955	0.3220	0.5734	0.0492	0.0429	0.0159	0.9207	0.4267	0.0088
7	1,153.132	0.6600	84.1144	10.2519	3.2662	0.3253	0.5708	0.0522	0.0457	0.0176	0.9270	0.4200	0.0089
8	1,151.103	0.6586	84.3692	10.0513	3.2403	0.3233	0.5682	0.0503	0.0438	0.0161	0.9042	0.4247	0.0087
9	1,150.937	0.6584	84.3426	10.1234	3.2221	0.3167	0.5540	0.0493	0.0435	0.0165	0.8994	0.4236	0.0089
10	1,153.891	0.6608	84.0686	10.2024	3.3243	0.3297	0.5842	0.0524	0.0464	0.0178	0.9355	0.4296	0.0090
11	1,155.362	0.6620	83.8938	10.2738	3.3807	0.3349	0.5970	0.0529	0.0458	0.0168	0.9716	0.4241	0.0087
12	1,152.992	0.6592	84.2963	10.1314	3.2703	0.3286	0.5684	0.0526	0.0463	0.0174	0.8709	0.4094	0.0084
13	1,154.202	0.6607	84.0293	10.3003	3.3181	0.3218	0.5729	0.0495	0.0443	0.0167	0.8979	0.4397	0.0095
14	1,150.750	0.6579	84.4347	10.0681	3.2115	0.3155	0.5534	0.0527	0.0443	0.0169	0.8756	0.4187	0.0086
15	1,148.909	0.6566	84.6012	9.9763	3.1780	0.3083	0.5304	0.0533	0.0435	0.0161	0.8819	0.4025	0.0086
16	1,151.203	0.6583	84.4429	9.9911	3.2514	0.3220	0.5579	0.0590	0.0465	0.0175	0.8809	0.4217	0.0092
17	1,151.172	0.6585	84.3765	10.0516	3.2378	0.3199	0.5598	0.0577	0.0455	0.0176	0.9099	0.4151	0.0087
18	1,151.486	0.6586	84.3862	10.0300	3.2667	0.3228	0.5556	0.0569	0.0451	0.0167	0.8959	0.4152	0.0088
19	1,152.526	0.6594	84.2375	10.1602	3.2709	0.3186	0.5567	0.0573	0.0466	0.0198	0.9077	0.4158	0.0090
20	1,150.533	0.6582	84.4307	10.0060	3.2321	0.3194	0.5488	0.0573	0.0478	0.0192	0.8982	0.4316	0.0091
21	1,151.285	0.6589	84.3248	10.0777	3.2553	0.3179	0.5540	0.0563	0.0459	0.0180	0.9074	0.4337	0.0087
22	1,152.617	0.6599	84.1488	10.1831	3.2983	0.3179	0.5585	0.0565	0.0463	0.0175	0.9310	0.4330	0.0090
23	1,151.311	0.6591	84.2778	10.1060	3.2621	0.3172	0.5501	0.0563	0.0457	0.0178	0.9136	0.4443	0.0091
24	1,148.556	0.6571	84.5575	9.9663	3.1596	0.3126	0.5390	0.0562	0.0451	0.0189	0.8952	0.4402	0.0095
25	1,149.223	0.6577	84.5182	9.9378	3.1908	0.3188	0.5472	0.0591	0.0487	0.0197	0.9039	0.4465	0.0093
26	1,148.317	0.6573	84.5516	9.9432	3.1644	0.3139	0.5399	0.0564	0.0457	0.0189	0.9015	0.4557	0.0088
27	1,149.952	0.6582	84.4490	9.9837	3.2185	0.3209	0.5466	0.0570	0.0473	0.0197	0.8970	0.4509	0.0093
28	1,150.710	0.6588	84.4601	9.8806	3.2582	0.3340	0.5713	0.0600	0.0497	0.0200	0.9004	0.4556	0.0101
29	1,151.421	0.6592	84.4637	9.8268	3.2815	0.3409	0.5905	0.0623	0.0515	0.0204	0.8969	0.4554	0.0101
30	1,152.803	0.6604	84.3187	9.8817	3.3298	0.3455	0.6005	0.0635	0.0534	0.0212	0.9117	0.4637	0.0103
<b>Volume</b>	<b>1,151.282</b>	<b>0.6589</b>	<b>84.3327</b>	<b>10.0664</b>	<b>3.2491</b>	<b>0.3223</b>	<b>0.5603</b>	<b>0.0548</b>	<b>0.0458</b>	<b>0.0179</b>	<b>0.9068</b>	<b>0.4348</b>	<b>0.0091</b>
<b>Weight Avg Energy</b>	<b>1,151.278</b>	<b>0.6589</b>	<b>84.3332</b>	<b>10.0661</b>	<b>3.2490</b>	<b>0.3223</b>	<b>0.5602</b>	<b>0.0548</b>	<b>0.0458</b>	<b>0.0179</b>	<b>0.9068</b>	<b>0.4348</b>	<b>0.0091</b>

June-25

ZONE 610

Watford City

Watford City West Border!

Watford City East Border!

Weighted

Start Date	End Date	Watford City West Border!			Watford City East Border!			AVG BTU	
		MCF	DK	BTU Zone 25	MCF	DK	BTU Zone 43		
6/1/2025	6/2/2025	34	41	1201.9	140	147	1044	1074.854	6/1/2025
6/2/2025	6/3/2025	101	122	1201.9	228	238	1044	1092.474	6/2/2025
6/3/2025	6/4/2025	50	60	1201.9	173	181	1044	1079.404	6/3/2025
6/4/2025	6/5/2025	45	54	1201.9	211	221	1044	1071.756	6/4/2025
6/5/2025	6/6/2025	18	22	1201.9	158	165	1044	1060.149	6/5/2025
6/6/2025	6/7/2025	6	7	1201.9	112	117	1044	1052.029	6/6/2025
6/7/2025	6/8/2025	37	45	1201.9	151	157	1044	1075.076	6/7/2025
6/8/2025	6/9/2025	48	57	1201.9	193	202	1044	1075.449	6/8/2025
6/9/2025	6/10/2025	13	15	1201.9	122	128	1044	1059.205	6/9/2025
6/10/2025	6/11/2025	7	9	1201.9	133	138	1044	1051.895	6/10/2025
6/11/2025	6/12/2025	9	11	1201.9	136	142	1044	1053.801	6/11/2025
6/12/2025	6/13/2025	21	25	1201.9	203	212	1044	1058.803	6/12/2025
6/13/2025	6/14/2025	27	32	1201.9	202	211	1044	1062.617	6/13/2025
6/14/2025	6/15/2025	7	9	1201.9	155	162	1044	1050.823	6/14/2025
6/15/2025	6/16/2025	2	2	1201.9	128	134	1044	1046.429	6/15/2025
6/16/2025	6/17/2025	1	1	1201.9	146	152	1044	1045.074	6/16/2025
6/17/2025	6/18/2025	0	0	1201.9	125	131	1044	1044.000	6/17/2025
6/18/2025	6/19/2025	2	2	1201.9	135	141	1044	1046.305	6/18/2025
6/19/2025	6/20/2025	0	0	1201.9	149	155	1044	1044.000	6/19/2025
6/20/2025	6/21/2025	0	0	1201.9	174	181	1044	1044.000	6/20/2025
6/21/2025	6/22/2025	0	0	1201.9	116	121	1044	1044.000	6/21/2025
6/22/2025	6/23/2025	6	7	1201.9	165	172	1044	1049.540	6/22/2025
6/23/2025	6/24/2025	4	4	1201.9	154	161	1044	1047.997	6/23/2025
6/24/2025	6/25/2025	1	1	1201.9	123	128	1044	1045.273	6/24/2025
6/25/2025	6/26/2025	5	6	1201.9	143	149	1044	1049.334	6/25/2025
6/26/2025	6/27/2025	2	3	1201.9	120	125	1044	1046.589	6/26/2025
6/27/2025	6/28/2025	1	1	1201.9	114	119	1044	1045.373	6/27/2025
6/28/2025	6/29/2025	1	2	1201.9	113	118	1044	1045.385	6/28/2025
6/29/2025	6/30/2025	0	0	1201.9	130	136	1044	1044.000	6/29/2025
6/30/2025	7/1/2025	1	1	1201.9	154	161	1044	1045.019	6/30/2025
		449	539	1201.9000	4,506	4,705	1044.0000	1055.0218	



<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	JUN25	MAY25	APR25	MAR25	FEB25	JAN25	DEC24	NOV24	OCT24	SEP24	AUG24	JUL24
MT/ND	211	Sidney Border - MonDak Tfr - Sidney Plt	1186	1185	1181	1193	1186	1173	1183	1183	1184	1182	1191	1194	1192
ND	24	Williston Border - Charbonneau Station	1188	1191	1177	1194	1206	1197	1185	1182	1179	1187	1187	1185	1191
ND	25	Watford City West Border	1196	1202	1198	1198	1201	1206	1191	1193	1186	1194	1194	1197	1192
ND	28	Bismarck Station - Glen Ullin Station	1168	1205	1189	1172	1126	1116	1134	1136	1159	1171	1204	1203	1200
ND	31	Dickinson Brd - Belfield Trf - G Ullin Stn	1121	1110	1111	1110	1131	1129	1137	1139	1144	1111	1106	1111	1115
ND/MT	32	Cabin Creek Station - Belfied Transfer	1131	1136	1122	1135	1130	1133	1134	1130	1135	1139	1128	1135	1110
ND	33	Little Knife Plant	1164	1161	1163	1162	1162	1162	1164	1162	1163	1165	1162	1165	1173
ND	34	Badlands Plant/Bowman Border	1070	1065	1070	1067	1097	1097	1104	1104	1127	1110	1034	980	981
ND	43	Watford City East Border	1084	1044	1040	1041	1041	1094	1107	1107	1110	1112	1112	1117	1085
ND/MT	241	Fairview Border	1184	1186	1186	1186	1191	1182	1183	1181	1180	1185	1183	1182	1185
ND	267	North Tioga Transfer - Nesson Plant	1193	1183	1185	1188	1197	1197	1194	1204	1191	1191	1195	1199	1191
ND	261	Tioga Comp Station - Robinson Lake Plant	1202	1198	1197	1198	1204	1209	1198	1209	1208	1208	1195	1200	1195
ND	262	Minot Bdr - Palermo Bdr - Bismarck Stn	1205	1204	1203	1200	1205	1210	1207	1209	1207	1210	1203	1201	1199
ND	263	Lignite Plant	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
ND	264	Epping Border	1183	1180	1186	1186	1201	1202	1174	1174	1166	1183	1188	1182	1179
ND	265	Tioga Comp Station - County Line Plant	1183	1183	1180	1181	1184	1190	1191	1191	1180	1175	1179	1181	1183
ND	266	County Line Plant	1185	1186	1182	1182	1186	1193	1189	1192	1182	1177	1181	1183	1187
ND	271	Bismarck Station - Cleveland Station	1196	1205	1205	1201	1195	1158	1182	1190	1200	1212	1204	1203	1200
ND	272	Cleveland Station - Mapleton	1195	1204	1203	1200	1194	1157	1182	1190	1200	1211	1202	1202	1200
ND	273	Cleveland Station - Grafton Border	1195	1205	1202	1193	1194	1157	1182	1189	1199	1211	1202	1202	1200
ND	274	Felton(Viking) - Kindred-Wahpeton	0	1047	1049	1046	1047	1050	1050	1050	0	0	0	0	0
ND	550	Mandan Border / NBPL-St Anthony	1150	1155	1175	1165	1105	1102	1120	1115	1156	1164	1198	1179	1168
ND	610	MDU-Watford City BTU	1113	1055	1086	1100	1096	1131	1133	1135	1139	1130	1115	1127	1108
ND	802	NBPL - Linton	1091	1077	1077	1076	1080	1085	1093	1093	1100	1099	1103	1108	1100
ND	903	Hettinger Propane	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549
ND	600	Alliance Pipeline - Hankinson	1154	1151	1154	1153	1150	1153	1155	1155	1155	1157	1159	1157	1148
ND	601	Alliance Pipeline - Milnor	1154	1151	1155	1153	1150	1153	1154	1155	1155	1157	1160	1157	1149

<b>THERMAL ZONE VARIANCE DOCUMENTATION</b>		
<b>June 2025</b>		
<b><i>ZONE</i></b>	<b><i>BTU VARIANCE</i></b>	<b><i>REASON</i></b>
610	-31	Operational/Blend