



A Subsidiary of MDU Resources Group, Inc.

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March 13, 2026

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

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

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 January 2026.
2. Attachment B consists of copies of the monthly Heating Value Test Reports received from our suppliers for the month of December 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 December 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
Jan-26

<u>Town</u>	<u>Heat Zone</u>	<u>Therm Factor</u>
MDU-303-ALEXANDER	025	1.1315
MDU-308-ARNEGARD	025	0.1315
MDU-314-APPLE VALLEY	271	1.1337
MDU-318-BEACH	032	1.0276
MDU-319-BELFIELD	032	1.0352
MDU-323-BERTHOLD	262	1.1391
MDU-327-BISMARCK	028	1.0951
MDU-330-BOWMAN	034	1.0210
MDU-337-BURLINGTON	262	1.1636
MDU-343-CARRINGTON	273	1.1337
MDU-719-CASSELTON	272	1.1417
MDU-344-CLEVELAND	272	1.1257
MDU-364-CAVALIER	273	1.1577
MDU-365-DAWSON	271	1.1257
MDU-368-DES LACS	262	1.1473
MDU-369-DICKINSON	031	1.0596
MDU-374-FT TOTTEN	273	1.1417
MDU-375-DEVILS LAKE	273	1.1417
MDU-379-BARLOW	273	1.1337
MDU-384-EPPING	264	1.1145
MDU-387-ELDRIDGE	272	1.1337
MDU-407-GLADSTONE	031	1.0643
MDU-411-GLEN ULLIN	031	1.0673
MDU-413-GOLVA	032	1.0125
MDU-416-GARRISON	262	1.1473
MDU-417-GRAFTON	273	1.1656
MDU-403-GWINNER	601	1.1340
MDU-429-HEBRON	031	1.0673
MDU-432-HETTINGER	903	2.3875
MDU-449-JAMESTOWN	272	1.1417
MDU-459-KILLDEER	033	1.0937
MDU-751-KINDRED	272	1.0202
MDU-463-LANGDON	273	1.1337
MDU-469-LEFOR	031	1.0596
MDU-474-LIGNITE	263	1.0759
MDU-475-LINTON	802	1.0401
MDU-478-LINCOLN	028	1.0951
MDU-488-MCKENZIE	271	1.1337
MDU-494-MEDINA	271	1.1257
MDU-498-MANDAN	028	1.0951
MDU-500-MARMARTH	034	1.0286
MDU-505-MINOT	262	1.1636
MDU-510-MOTT	031	1.0596
MDU-512-MAX	262	1.1636
MDU-513-MILNOR	601	1.1340
MDU-522-NEW ENGLAND	031	1.0519
MDU-524-NEW SALEM	028	1.0951
MDU-532-NEW ROCKFORD	273	1.1337
MDU-539-PARK RIVER	273	1.1577

MDU-540-PALERMO	262	1.1391
MDU-558-RAY	264	1.1145
MDU-561-REGENT	031	1.0596
MDU-563-RHAME	034	1.0135
MDU-564-RICHARDTON	031	1.0519
MDU-568-ROSS	261	1.1009
MDU-572-RUTHVILLE	262	1.1636
MDU-574-SANBORN	272	1.1417
MDU-583-SENTINEL BUTTE	032	1.0276
MDU-588-SOUTH HEART	031	1.0596
MDU-717-SPIRITWOOD	272	1.1417
MDU-590-SPRINGBROOK	264	1.1145
MDU-591-STANLEY	261	1.1088
MDU-593-STEELE	271	1.1257
MDU-594-STERLING	028	1.0951
MDU-598-SHEYENNE	273	1.1417
MDU-605-SURREY	262	1.1636
MDU-610-TAPPEN	271	1.1257
MDU-611-TAYLOR	031	1.0566
MDU-616-TIOGA	260	1.0952
MDU-619-TURTLE LAKE	262	1.1473
MDU-620-TRENTON	024	1.1301
MDU-624-UNDERWOOD	262	1.1473
MDU-625-VALLEY CITY	272	1.1497
MDU-629-WALHALLA	273	1.1577
MDU-632-WATFORD CITY	610	1.0295
MDU-104-WAHPETON	247	1.0300
MDU-636-WHEELLOCK	264	1.1065
MDU-637-WHITE EARTH	261	1.1088
MDU-642-WILLISTON	024	1.1301
MDU-646-WASHBURN	262	1.1473
MDU-647-WILTON	262	1.1391
MDU-664-RIVERDALE	262	1.1473
MDU-691-FAIRVIEW	241	1.1301
MDU-712-MINOT AFB	262	1.1636
MDU-718-FAIRMOUNT	600	1.1317
MDU-732-NEKOMA	273	1.1337
MDU-732-MSR SITE	273	1.1337

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7229	1176.6	1197.4	1197.0	1.151	3.103	70.172	22.109	3.049	0.122	0.253	0.016	0.015	0.010	0.000	0.000	0.000	0.000	1408.35	
2	0.7023	1159.1	1179.6	1179.2	0.376	3.422	72.423	21.200	2.382	0.064	0.118	0.006	0.005	0.005	0.000	0.000	0.000	0.000	1407.65	
3	0.6928	1151.0	1171.4	1171.0	0.064	3.492	73.733	20.413	2.129	0.057	0.103	0.004	0.003	0.002	0.000	0.000	0.000	0.000	1407.34	
4	0.7240	1170.9	1191.6	1191.2	1.101	3.636	69.811	21.963	3.080	0.128	0.247	0.014	0.011	0.010	0.000	0.000	0.000	0.000	1400.54	
5	0.7096	1159.9	1180.4	1180.1	0.711	3.540	71.616	21.287	2.564	0.090	0.170	0.009	0.007	0.007	0.000	0.000	0.000	0.000	1401.58	
6	0.6907	1148.8	1169.1	1168.8	0.077	3.414	73.920	20.513	1.945	0.046	0.079	0.003	0.002	0.001	0.000	0.000	0.000	0.000	1406.72	
7	0.6904	1146.7	1167.0	1166.6	0.055	3.549	73.762	20.697	1.838	0.036	0.059	0.002	0.001	0.001	0.000	0.000	0.000	0.000	1404.46	
8	0.6996	1154.0	1174.4	1174.1	0.297	3.599	72.620	21.130	2.177	0.059	0.106	0.005	0.004	0.003	0.000	0.000	0.000	0.000	1404.20	
9	0.6892	1144.1	1164.4	1164.0	0.052	3.591	74.015	20.405	1.839	0.036	0.058	0.002	0.001	0.001	0.000	0.000	0.000	0.000	1402.62	
10	0.7021	1154.0	1174.5	1174.1	0.473	3.558	72.497	20.970	2.277	0.074	0.135	0.007	0.005	0.005	0.000	0.000	0.000	0.000	1401.86	
11	0.7096	1161.4	1182.0	1181.6	0.623	3.589	71.612	21.231	2.657	0.092	0.174	0.009	0.007	0.006	0.000	0.000	0.000	0.000	1403.27	
12	0.7238	1171.1	1191.8	1191.5	1.083	3.635	69.673	22.250	2.972	0.124	0.233	0.012	0.008	0.010	0.000	0.000	0.000	0.000	1400.93	
13	0.7343	1180.6	1201.5	1201.2	1.339	3.642	68.285	22.951	3.338	0.141	0.266	0.014	0.011	0.012	0.000	0.000	0.000	0.000	1402.18	
14	0.7331	1178.3	1199.2	1198.8	1.341	3.672	68.467	22.796	3.267	0.144	0.275	0.015	0.011	0.012	0.000	0.000	0.000	0.000	1400.55	
15	0.7197	1170.1	1190.8	1190.4	1.093	3.291	70.578	21.699	2.946	0.120	0.238	0.014	0.012	0.009	0.000	0.000	0.000	0.000	1403.67	
16	0.7131	1164.1	1184.7	1184.4	0.932	3.274	71.517	21.147	2.783	0.106	0.210	0.012	0.011	0.008	0.000	0.000	0.000	0.000	1403.02	
17	0.7117	1163.2	1183.8	1183.5	1.038	3.038	71.884	21.001	2.669	0.109	0.226	0.014	0.014	0.009	0.000	0.000	0.000	0.000	1403.29	
18	0.7149	1161.2	1181.8	1181.4	1.072	3.413	71.286	21.080	2.791	0.112	0.217	0.011	0.009	0.009	0.000	0.000	0.000	0.000	1397.76	
19	0.7273	1168.8	1189.5	1189.1	1.380	3.645	69.522	21.885	3.135	0.136	0.262	0.014	0.010	0.010	0.000	0.000	0.000	0.000	1394.77	
20	0.7289	1170.7	1191.5	1191.1	1.372	3.692	69.305	21.952	3.227	0.144	0.274	0.014	0.011	0.010	0.000	0.000	0.000	0.000	1395.53	
21	0.7353	1182.4	1203.3	1203.0	1.350	3.613	67.973	23.419	3.192	0.141	0.273	0.015	0.011	0.013	0.000	0.000	0.000	0.000	1403.33	
22	0.7324	1177.3	1198.1	1197.8	1.354	3.645	68.539	22.837	3.176	0.140	0.270	0.015	0.012	0.012	0.000	0.000	0.000	0.000	1400.03	
23	0.7335	1179.3	1200.2	1199.8	1.344	3.643	68.284	23.114	3.172	0.139	0.266	0.014	0.011	0.012	0.000	0.000	0.000	0.000	1401.36	
24	0.7339	1179.8	1200.7	1200.4	1.342	3.654	68.254	23.081	3.222	0.140	0.270	0.014	0.011	0.012	0.000	0.000	0.000	0.000	1401.58	
25	0.7193	1172.6	1193.3	1193.0	1.100	3.091	70.735	21.734	2.916	0.127	0.258	0.016	0.015	0.010	0.000	0.000	0.000	0.000	1407.03	
26	0.7194	1171.5	1192.3	1191.9	1.144	3.092	70.863	21.491	2.964	0.132	0.272	0.017	0.016	0.010	0.000	0.000	0.000	0.000	1405.71	
27	0.7299	1175.4	1196.2	1195.9	1.315	3.591	69.028	22.403	3.229	0.137	0.262	0.014	0.011	0.011	0.000	0.000	0.000	0.000	1400.10	
28	0.7334	1178.7	1199.5	1199.2	1.345	3.669	68.439	22.773	3.348	0.139	0.256	0.011	0.008	0.012	0.000	0.000	0.000	0.000	1400.71	
29	0.7313	1175.7	1196.5	1196.2	1.343	3.657	68.856	22.428	3.247	0.148	0.284	0.015	0.011	0.012	0.000	0.000	0.000	0.000	1399.16	
30	0.7280	1170.4	1191.2	1190.8	1.333	3.679	69.343	22.064	3.151	0.134	0.259	0.013	0.010	0.012	0.000	0.000	0.000	0.000	1396.10	
31	0.7102	1150.8	1171.2	1170.9	1.072	3.601	71.880	20.558	2.612	0.090	0.165	0.008	0.007	0.008	0.000	0.000	0.000	0.000	1389.85	
Avg	0.7176	1167.0	1187.4	1187.0	0.957	3.507	70.609	21.761	2.816	0.110	0.211	0.011	0.009	0.009	0.000	0.000	0.000	0.000	1401.78	

Source Daily Summary

December 2025

Source #: 571
Name: WILLISTON BDR-CHARBN STN

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7174	1177.5	1198.4	1198.1	1.094	2.615	71.140	21.825	2.932	0.112	0.242	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1414.86	
2	0.7150	1175.6	1196.4	1196.0	1.064	2.551	71.542	21.593	2.858	0.112	0.241	0.016	0.018	0.003	0.000	0.000	0.000	0.000	1414.91	
3	0.7196	1176.4	1197.2	1196.8	1.127	2.840	70.696	21.989	2.972	0.108	0.233	0.015	0.017	0.003	0.000	0.000	0.000	0.000	1411.33	
4	0.7064	1166.4	1187.1	1186.8	1.015	2.381	72.772	21.017	2.481	0.098	0.206	0.014	0.015	0.002	0.000	0.000	0.000	0.000	1412.40	
5	0.7112	1169.2	1189.9	1189.5	1.060	2.594	72.019	21.313	2.666	0.100	0.215	0.014	0.016	0.002	0.000	0.000	0.000	0.000	1410.96	
6	0.7094	1170.2	1190.9	1190.6	1.025	2.419	72.376	21.177	2.643	0.105	0.221	0.015	0.016	0.003	0.000	0.000	0.000	0.000	1413.92	
7	0.7080	1168.6	1189.3	1189.0	1.017	2.395	72.586	21.074	2.573	0.103	0.218	0.015	0.016	0.003	0.000	0.000	0.000	0.000	1413.40	
8	0.7054	1165.4	1186.0	1185.7	1.011	2.360	72.952	20.887	2.451	0.098	0.207	0.015	0.016	0.003	0.000	0.000	0.000	0.000	1412.07	
9	0.7036	1161.9	1182.5	1182.2	1.019	2.382	73.219	20.689	2.368	0.093	0.198	0.014	0.015	0.002	0.000	0.000	0.000	0.000	1409.77	
10	0.7059	1165.7	1186.4	1186.1	1.010	2.382	72.806	21.037	2.441	0.094	0.198	0.013	0.015	0.002	0.000	0.000	0.000	0.000	1412.06	
11	0.7040	1163.1	1183.7	1183.4	1.012	2.358	73.154	20.762	2.397	0.093	0.195	0.013	0.015	0.002	0.000	0.000	0.000	0.000	1410.80	
12	0.7064	1166.4	1187.0	1186.8	1.012	2.391	72.789	20.957	2.521	0.097	0.203	0.013	0.014	0.002	0.000	0.000	0.000	0.000	1412.30	
13	0.7057	1165.5	1186.2	1185.9	1.012	2.374	72.867	20.964	2.462	0.095	0.198	0.013	0.014	0.002	0.000	0.000	0.000	0.000	1412.00	
14	0.7045	1163.9	1184.5	1184.2	1.007	2.371	73.056	20.825	2.423	0.094	0.196	0.013	0.014	0.002	0.000	0.000	0.000	0.000	1411.21	
15	0.7017	1160.8	1181.4	1181.1	0.995	2.312	73.512	20.548	2.325	0.091	0.190	0.013	0.014	0.001	0.000	0.000	0.000	0.000	1410.28	
16	0.7079	1166.7	1187.4	1187.1	1.033	2.474	72.543	21.068	2.545	0.098	0.209	0.014	0.015	0.002	0.000	0.000	0.000	0.000	1411.27	
17	0.7016	1160.5	1181.1	1180.8	0.994	2.319	73.499	20.599	2.281	0.089	0.188	0.014	0.015	0.003	0.000	0.000	0.000	0.000	1410.05	
18	0.7026	1162.1	1182.6	1182.4	0.988	2.331	73.328	20.709	2.334	0.091	0.189	0.013	0.014	0.002	0.000	0.000	0.000	0.000	1410.89	
19	0.7131	1172.7	1193.5	1193.2	1.061	2.552	71.880	21.286	2.844	0.111	0.233	0.015	0.016	0.002	0.000	0.000	0.000	0.000	1413.34	
20	0.7133	1173.4	1194.1	1193.9	1.066	2.528	71.970	21.094	2.954	0.114	0.242	0.015	0.016	0.002	0.000	0.000	0.000	0.000	1413.88	
21	0.7101	1170.4	1191.1	1190.8	1.041	2.443	72.464	20.860	2.811	0.111	0.236	0.015	0.017	0.002	0.000	0.000	0.000	0.000	1413.48	
22	0.7079	1168.7	1189.4	1189.2	1.020	2.370	72.691	20.921	2.636	0.106	0.224	0.015	0.016	0.002	0.000	0.000	0.000	0.000	1413.69	
23	0.7045	1165.1	1185.7	1185.4	1.003	2.299	73.167	20.722	2.469	0.100	0.210	0.014	0.015	0.002	0.000	0.000	0.000	0.000	1412.69	
24	0.7046	1165.4	1186.1	1185.8	0.996	2.302	73.079	20.854	2.439	0.097	0.203	0.014	0.015	0.002	0.000	0.000	0.000	0.000	1412.97	
25	0.7058	1166.8	1187.4	1187.2	1.001	2.321	72.958	20.854	2.522	0.101	0.212	0.014	0.015	0.002	0.000	0.000	0.000	0.000	1413.44	
26	0.7077	1166.6	1187.2	1186.9	1.040	2.459	72.708	20.806	2.629	0.104	0.221	0.015	0.016	0.002	0.000	0.000	0.000	0.000	1411.20	
27	0.7100	1168.1	1188.8	1188.4	1.066	2.541	72.384	20.905	2.735	0.107	0.228	0.015	0.016	0.002	0.000	0.000	0.000	0.000	1410.77	
28	0.7143	1173.5	1194.3	1194.0	1.078	2.585	71.901	21.012	3.001	0.122	0.262	0.017	0.018	0.003	0.000	0.000	0.000	0.000	1413.17	
29	0.7054	1165.1	1185.7	1185.4	1.024	2.359	73.056	20.687	2.526	0.101	0.215	0.014	0.016	0.002	0.000	0.000	0.000	0.000	1411.69	
30	0.7021	1161.6	1182.2	1182.0	0.996	2.295	73.473	20.580	2.339	0.092	0.195	0.013	0.015	0.002	0.000	0.000	0.000	0.000	1410.91	
31	0.7140	1171.3	1192.0	1191.7	1.082	2.696	71.697	21.288	2.863	0.108	0.232	0.015	0.017	0.003	0.000	0.000	0.000	0.000	1410.71	
Avg	0.7080	1168.0	1188.2	1188.0	1.031	2.439	72.590	20.997	2.595	0.102	0.215	0.014	0.016	0.002	0.000	0.000	0.000	0.000	1412.14	

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.6900	1150.1	1170.5	1170.2	0.922	1.982	75.114	20.024	1.736	0.065	0.133	0.011	0.012	0.002	0.000	0.000	0.000	0.000	1409.03	-17.22
2	0.6909	1150.9	1171.3	1171.0	0.926	2.008	75.051	19.964	1.809	0.070	0.146	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1409.11	-16.19
3	0.6931	1154.4	1174.9	1174.6	0.926	2.001	74.881	19.892	2.022	0.081	0.168	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1411.18	-13.85
4	0.6919	1151.7	1172.1	1171.8	0.931	2.046	74.959	19.915	1.892	0.073	0.156	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1409.08	-15.26
5	0.6932	1153.6	1174.0	1173.7	0.927	2.058	74.806	19.961	1.978	0.077	0.163	0.013	0.014	0.003	0.000	0.000	0.000	0.000	1410.05	-14.14
6	0.6924	1152.0	1172.4	1172.2	0.931	2.072	74.800	20.081	1.880	0.068	0.143	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1408.98	-15.55
7	0.6905	1149.8	1170.2	1170.0	0.934	2.021	75.082	19.953	1.783	0.066	0.135	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1408.26	-16.80
8	0.6892	1147.9	1168.2	1168.0	0.928	2.030	75.256	19.848	1.720	0.063	0.130	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1407.18	-17.73
9	0.6854	1139.2	1159.4	1159.1	0.898	2.245	75.925	19.049	1.662	0.062	0.130	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1400.38	-19.85
10	0.6895	1146.9	1167.2	1167.0	0.924	2.125	75.029	20.106	1.621	0.056	0.117	0.009	0.010	0.002	0.000	0.000	0.000	0.000	1405.66	-18.66
11	0.6903	1148.6	1169.0	1168.8	0.947	2.054	75.161	19.818	1.781	0.067	0.144	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1407.01	-16.71
12	0.6899	1149.2	1169.5	1169.3	0.937	1.999	75.132	19.993	1.726	0.062	0.128	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1408.07	-17.58
13	0.6890	1147.6	1168.0	1167.7	0.937	2.013	75.202	20.003	1.642	0.059	0.122	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1407.07	-18.48
14	0.6888	1147.3	1167.6	1167.4	0.937	2.014	75.278	19.892	1.670	0.060	0.124	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1406.87	-18.34
15	0.6894	1147.1	1167.4	1167.2	0.939	2.082	75.250	19.766	1.735	0.064	0.136	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1405.97	-17.54
16	0.6878	1145.9	1166.2	1166.0	0.921	2.029	75.469	19.698	1.675	0.060	0.125	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1406.20	-18.76
17	0.6880	1146.4	1166.7	1166.5	0.927	2.012	75.370	19.868	1.620	0.059	0.121	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1406.54	-18.96
18	0.6867	1144.0	1164.2	1164.0	0.920	2.045	75.632	19.580	1.615	0.061	0.125	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1404.92	-19.51
19	0.6821	1136.6	1156.7	1156.5	0.917	2.067	76.858	18.024	1.937	0.058	0.117	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1400.52	-20.47
20	0.6797	1132.8	1152.8	1152.6	0.909	2.083	77.505	17.194	2.122	0.055	0.111	0.009	0.010	0.002	0.000	0.000	0.000	0.000	1398.29	-21.05
21	0.6849	1141.6	1161.8	1161.6	0.911	2.035	76.235	18.735	1.889	0.057	0.116	0.009	0.010	0.002	0.000	0.000	0.000	0.000	1403.79	-19.43
22	0.6885	1148.1	1168.4	1168.2	0.914	1.971	75.285	19.993	1.632	0.060	0.122	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1408.17	-18.57
23	0.6887	1148.1	1168.4	1168.2	0.918	1.985	75.235	20.030	1.626	0.060	0.123	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1407.96	-18.52
24	0.6936	1152.5	1173.0	1172.7	0.930	2.155	74.516	20.331	1.813	0.070	0.153	0.013	0.015	0.004	0.000	0.000	0.000	0.000	1408.44	-15.21
25	0.6896	1149.1	1169.5	1169.2	0.919	2.008	75.022	20.237	1.616	0.058	0.119	0.009	0.010	0.002	0.000	0.000	0.000	0.000	1408.26	-18.36
26	0.6903	1150.2	1170.6	1170.3	0.917	2.007	74.900	20.346	1.635	0.057	0.118	0.009	0.010	0.002	0.000	0.000	0.000	0.000	1408.92	-18.05
27	0.6883	1147.2	1167.5	1167.3	0.919	2.004	75.268	20.017	1.588	0.059	0.123	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1407.24	-18.87
28	0.6902	1150.0	1170.3	1170.1	0.918	2.009	74.891	20.387	1.596	0.058	0.119	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1408.76	-18.17
29	0.6909	1151.1	1171.5	1171.3	0.918	2.011	74.759	20.489	1.627	0.058	0.118	0.009	0.010	0.002	0.000	0.000	0.000	0.000	1409.39	-17.77
30	0.6924	1151.5	1171.9	1171.6	0.929	2.109	74.672	20.295	1.760	0.066	0.140	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1408.34	-16.11
31	0.6927	1154.4	1174.8	1174.6	0.914	1.988	74.638	20.426	1.800	0.068	0.142	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1411.49	-15.66
Avg	0.6893	1148.0	1168.3	1168.0	0.924	2.041	75.264	19.804	1.749	0.063	0.131	0.010	0.012	0.002	0.000	0.000	0.000	0.000	1407.13	-17.66

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7350	1178.9	1199.8	1199.6	1.059	4.227	69.149	20.654	4.256	0.171	0.410	0.029	0.035	0.009	0.000	0.000	0.000	0.000	1399.48	
2	0.7393	1185.8	1206.8	1206.6	1.055	4.217	68.702	20.801	4.470	0.190	0.469	0.037	0.046	0.013	0.000	0.000	0.000	0.000	1403.53	
3	0.7365	1180.4	1201.3	1201.1	1.057	4.283	68.996	20.630	4.341	0.177	0.431	0.033	0.040	0.012	0.000	0.000	0.000	0.000	1399.78	
4	0.7269	1174.0	1194.8	1194.6	1.033	3.809	70.303	20.433	3.814	0.155	0.380	0.029	0.035	0.010	0.000	0.000	0.000	0.000	1401.52	
5	0.7176	1161.4	1181.9	1181.7	0.979	3.792	71.360	20.053	3.369	0.118	0.278	0.021	0.024	0.007	0.000	0.000	0.000	0.000	1395.46	
6	0.7427	1174.9	1195.7	1195.5	1.037	5.230	67.847	20.477	4.794	0.161	0.389	0.027	0.031	0.008	0.000	0.000	0.000	0.000	1387.61	
7	0.7108	1160.6	1181.2	1181.0	0.972	3.208	72.332	20.137	2.949	0.107	0.247	0.020	0.023	0.007	0.000	0.000	0.000	0.000	1401.32	
8	0.7056	1156.2	1176.7	1176.4	0.947	3.030	73.142	19.750	2.754	0.101	0.231	0.018	0.021	0.005	0.000	0.000	0.000	0.000	1401.03	
9	0.7099	1144.7	1164.9	1164.7	0.892	4.219	72.791	18.287	3.354	0.119	0.282	0.022	0.026	0.007	0.000	0.000	0.000	0.000	1382.65	
10	0.7120	1132.5	1152.5	1152.3	0.821	5.263	72.979	16.372	4.016	0.143	0.346	0.024	0.028	0.008	0.000	0.000	0.000	0.000	1365.81	
11	0.7280	1183.2	1204.2	1204.0	1.015	3.369	71.083	19.540	4.059	0.225	0.587	0.049	0.059	0.014	0.000	0.000	0.000	0.000	1411.42	
12	0.6898	1147.8	1168.1	1167.9	0.938	2.085	75.210	19.759	1.767	0.068	0.145	0.012	0.014	0.004	0.000	0.000	0.000	0.000	1406.39	
13	0.6898	1147.5	1167.8	1167.7	0.940	2.085	75.232	19.740	1.770	0.066	0.140	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1406.16	
14	0.6892	1146.6	1166.9	1166.7	0.944	2.084	75.261	19.781	1.704	0.064	0.135	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1405.60	
15	0.6949	1150.8	1171.1	1170.9	0.956	2.347	74.585	19.759	2.046	0.082	0.184	0.016	0.019	0.005	0.000	0.000	0.000	0.000	1404.90	
16	0.6943	1149.5	1169.9	1169.6	0.959	2.358	74.724	19.616	2.023	0.083	0.190	0.017	0.021	0.006	0.000	0.000	0.000	0.000	1404.01	
17	0.6896	1147.3	1167.6	1167.4	0.943	2.085	75.236	19.754	1.753	0.064	0.137	0.012	0.013	0.004	0.000	0.000	0.000	0.000	1405.96	
18	0.6881	1144.7	1165.0	1164.8	0.923	2.121	75.511	19.485	1.727	0.066	0.140	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1404.48	
19	0.6858	1141.0	1161.2	1161.1	0.926	2.124	76.115	18.749	1.852	0.067	0.140	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1402.28	
20	0.6810	1133.2	1153.3	1153.1	0.918	2.159	77.381	17.124	2.205	0.061	0.127	0.010	0.011	0.003	0.000	0.000	0.000	0.000	1397.57	
21	0.6818	1135.2	1155.3	1155.1	0.908	2.131	77.144	17.455	2.156	0.060	0.123	0.010	0.011	0.002	0.000	0.000	0.000	0.000	1399.18	
22	0.6888	1146.7	1167.0	1166.8	0.915	2.081	75.443	19.526	1.799	0.067	0.141	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1406.12	
23	0.6891	1147.4	1167.7	1167.5	0.921	2.056	75.333	19.712	1.746	0.066	0.139	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1406.73	
24	0.6914	1149.7	1170.0	1169.9	0.926	2.124	74.894	20.050	1.769	0.066	0.143	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1407.20	
25	0.6903	1148.9	1169.2	1169.0	0.922	2.080	75.018	20.051	1.707	0.063	0.132	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1407.27	
26	0.6907	1149.5	1169.9	1169.6	0.924	2.077	74.951	20.105	1.722	0.062	0.133	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1407.64	
27	0.6891	1146.9	1167.2	1167.0	0.925	2.084	75.268	19.799	1.700	0.064	0.135	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1406.07	
28	0.6898	1148.2	1168.5	1168.3	0.925	2.074	75.076	20.043	1.658	0.064	0.133	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1406.90	
29	0.6914	1150.1	1170.5	1170.3	0.917	2.115	74.807	20.206	1.735	0.063	0.132	0.011	0.012	0.003	0.000	0.000	0.000	0.000	1407.70	
30	0.6920	1149.7	1170.0	1169.8	0.932	2.174	74.878	19.897	1.876	0.068	0.145	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1406.54	
31	0.6909	1149.5	1169.9	1169.7	0.922	2.096	75.112	19.745	1.883	0.068	0.146	0.012	0.013	0.003	0.000	0.000	0.000	0.000	1407.48	
Avg	0.7017	1154.0	1174.1	1173.9	0.950	2.812	73.738	19.596	2.541	0.097	0.222	0.018	0.021	0.005	0.000	0.000	0.000	0.000	1401.80	

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7639	1191.7	1212.9	1212.5	1.042	6.180	65.073	20.766	6.164	0.204	0.493	0.033	0.036	0.009	0.000	0.000	0.000	0.000	1387.67	
2	0.7625	1189.3	1210.3	1210.0	1.043	6.196	65.236	20.694	6.072	0.200	0.483	0.032	0.036	0.008	0.000	0.000	0.000	0.000	1386.07	
3	0.7631	1190.8	1211.9	1211.6	1.044	6.157	65.194	20.704	6.135	0.203	0.488	0.032	0.035	0.008	0.000	0.000	0.000	0.000	1387.35	
4	0.7629	1191.2	1212.3	1212.0	1.045	6.112	65.254	20.692	6.125	0.203	0.491	0.033	0.037	0.009	0.000	0.000	0.000	0.000	1387.96	
5	0.7596	1184.4	1205.4	1205.1	1.045	6.217	65.562	20.557	5.902	0.192	0.456	0.029	0.032	0.007	0.000	0.000	0.000	0.000	1383.08	
6	0.7626	1189.8	1210.8	1210.5	1.047	6.173	65.243	20.681	6.096	0.202	0.483	0.032	0.035	0.008	0.000	0.000	0.000	0.000	1386.52	
7	0.7591	1183.5	1204.5	1204.2	1.050	6.224	65.603	20.539	5.889	0.188	0.443	0.028	0.030	0.007	0.000	0.000	0.000	0.000	1382.39	
8	0.7599	1184.8	1205.8	1205.5	1.046	6.223	65.512	20.582	5.924	0.191	0.455	0.029	0.031	0.007	0.000	0.000	0.000	0.000	1383.21	
9	0.7589	1182.5	1203.5	1203.2	1.048	6.262	65.629	20.497	5.866	0.188	0.446	0.028	0.030	0.006	0.000	0.000	0.000	0.000	1381.49	
10	0.7593	1183.5	1204.5	1204.2	1.045	6.246	65.566	20.550	5.898	0.188	0.443	0.027	0.029	0.006	0.000	0.000	0.000	0.000	1382.27	
11	0.7602	1185.1	1206.1	1205.8	1.047	6.227	65.415	20.706	5.900	0.190	0.449	0.028	0.031	0.006	0.000	0.000	0.000	0.000	1383.34	
12	0.7589	1185.2	1206.2	1205.9	1.046	6.108	65.680	20.563	5.903	0.190	0.445	0.028	0.031	0.007	0.000	0.000	0.000	0.000	1384.55	
13	0.7550	1183.8	1204.7	1204.4	1.040	5.840	66.182	20.637	5.626	0.182	0.430	0.027	0.029	0.007	0.000	0.000	0.000	0.000	1386.44	
14	0.7594	1187.5	1208.5	1208.3	1.047	6.005	65.592	20.807	5.817	0.195	0.466	0.030	0.033	0.007	0.000	0.000	0.000	0.000	1386.88	
15	0.7627	1189.8	1210.9	1210.6	1.049	6.173	65.156	20.871	5.966	0.206	0.499	0.033	0.037	0.008	0.000	0.000	0.000	0.000	1386.52	
16	0.7594	1183.5	1204.4	1204.1	1.049	6.250	65.561	20.599	5.799	0.197	0.471	0.031	0.035	0.008	0.000	0.000	0.000	0.000	1382.12	
17	0.7601	1184.6	1205.6	1205.3	1.047	6.249	65.459	20.652	5.854	0.199	0.472	0.030	0.033	0.007	0.000	0.000	0.000	0.000	1382.85	
18	0.7574	1184.0	1204.9	1204.7	1.043	6.047	65.847	20.627	5.720	0.193	0.455	0.029	0.032	0.008	0.000	0.000	0.000	0.000	1384.49	
19	0.7561	1182.8	1203.8	1203.5	1.040	5.997	66.004	20.622	5.633	0.189	0.447	0.028	0.031	0.007	0.000	0.000	0.000	0.000	1384.37	
20	0.7530	1177.8	1198.6	1198.4	1.040	6.010	66.372	20.448	5.481	0.179	0.414	0.025	0.026	0.005	0.000	0.000	0.000	0.000	1381.33	
21	0.7585	1183.5	1204.4	1204.2	1.047	6.174	65.659	20.633	5.767	0.194	0.459	0.029	0.031	0.007	0.000	0.000	0.000	0.000	1382.92	
22	0.7574	1183.8	1204.8	1204.5	1.041	6.058	65.892	20.537	5.743	0.195	0.463	0.030	0.033	0.007	0.000	0.000	0.000	0.000	1384.31	
23	0.7582	1186.3	1207.3	1207.1	1.044	5.976	65.820	20.626	5.791	0.198	0.472	0.031	0.034	0.008	0.000	0.000	0.000	0.000	1386.53	
24	0.7589	1183.6	1204.5	1204.3	1.049	6.200	65.635	20.592	5.792	0.196	0.465	0.030	0.033	0.008	0.000	0.000	0.000	0.000	1382.68	
25	0.7566	1182.4	1203.3	1203.0	1.044	6.068	65.918	20.601	5.671	0.189	0.445	0.028	0.030	0.006	0.000	0.000	0.000	0.000	1383.35	
26	0.7589	1183.4	1204.3	1204.1	1.048	6.217	65.594	20.634	5.784	0.195	0.462	0.029	0.032	0.007	0.000	0.000	0.000	0.000	1382.42	
27	0.7611	1187.0	1208.0	1207.8	1.047	6.199	65.360	20.722	5.913	0.202	0.484	0.032	0.035	0.008	0.000	0.000	0.000	0.000	1384.71	
28	0.7591	1185.5	1206.5	1206.2	1.040	6.110	65.632	20.674	5.806	0.197	0.468	0.031	0.034	0.008	0.000	0.000	0.000	0.000	1384.81	
29	0.7549	1183.6	1204.6	1204.3	1.034	5.846	66.191	20.662	5.572	0.187	0.443	0.028	0.031	0.007	0.000	0.000	0.000	0.000	1386.40	
30	0.7576	1183.1	1204.0	1203.8	1.043	6.120	65.769	20.646	5.714	0.191	0.452	0.028	0.031	0.007	0.000	0.000	0.000	0.000	1383.27	
31	0.7592	1185.3	1206.3	1206.1	1.047	6.126	65.603	20.672	5.822	0.196	0.465	0.030	0.032	0.007	0.000	0.000	0.000	0.000	1384.44	
Avg	0.7592	1185.0	1206.2	1206.0	1.045	6.129	65.620	20.638	5.843	0.194	0.462	0.030	0.032	0.007	0.000	0.000	0.000	0.000	1384.41	

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)			
Totals	100.0000	4.6490	100.0000

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:
 Cylinder:
 Tech:

Remarks:

Gas Composition and Properties

Effective December 1, 2025

Attachment B
Page 9 of 25

Source #: 3002013
Name: EPPING BORDER

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	0.9277		2.0294
Nitrogen (N2)	2.0262		2.8214
Methane (C1)	74.5691		59.4635
Ethane (C2)	19.8818	5.3203	29.7162
Propane (C3)	2.2468	0.6194	4.9247
Isobutane (IC4)	0.0986	0.0323	0.2849
n-Butane (NC4)	0.2062	0.0650	0.5957
Isopentane (IC5)	0.0151	0.0055	0.0542
n-Pentane (NC5)	0.0173	0.0063	0.0620
Hexanes Plus (C6+)	0.0112	0.0046	0.0480
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
Totals	100.0000	6.0530	100.0000

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	-11.453
Cricondentherm	-9.381
HV, Dry @ Base P, T	1179.71
HV, Sat @ Base P, T	1159.18
HV, Sat @ Sample P, T	1179.71
Relative Density	0.6965

C6+: 100

Sample

Date: 12/01/2025 Type:

Tech: Joshua Tipton

Pressure: 650.0 psi Temp.: °F

Gauge: Gauge H2O:

Atm. Pressure: H2S:

Remarks:

Analysis

Date: Instrument:

 Cylinder: 387

Tech:

Remarks:

*** End of Report ***

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7264	1174.4	1195.2	1194.9	1.083	3.662	70.692	20.137	3.659	0.184	0.468	0.043	0.054	0.018	0.000	0.000	0.000	0.000	1402.27	
2	0.7295	1179.1	1200.0	1199.7	1.079	3.670	70.387	20.168	3.874	0.197	0.503	0.046	0.058	0.018	0.000	0.000	0.000	0.000	1404.91	
3	0.7290	1178.3	1199.1	1198.8	1.074	3.675	70.726	19.750	3.843	0.212	0.561	0.058	0.076	0.026	0.000	0.000	0.000	0.000	1404.44	
4	0.7244	1172.2	1193.0	1192.7	1.079	3.612	71.230	19.720	3.460	0.195	0.535	0.059	0.080	0.030	0.000	0.000	0.000	0.000	1401.60	
5	0.7212	1167.3	1187.9	1187.7	1.090	3.599	71.399	19.881	3.278	0.164	0.442	0.050	0.069	0.028	0.000	0.000	0.000	0.000	1398.78	
6	0.7200	1165.4	1186.1	1185.8	1.100	3.580	71.417	20.023	3.194	0.155	0.407	0.042	0.058	0.024	0.000	0.000	0.000	0.000	1397.81	
7	0.7222	1169.0	1189.7	1189.5	1.094	3.573	71.176	20.106	3.334	0.167	0.426	0.044	0.059	0.021	0.000	0.000	0.000	0.000	1400.00	
8	0.7302	1180.8	1201.7	1201.4	1.077	3.635	70.299	20.277	3.862	0.201	0.513	0.049	0.063	0.023	0.000	0.000	0.000	0.000	1406.27	
9	0.7322	1184.0	1205.0	1204.8	1.043	3.670	70.529	19.574	4.181	0.227	0.603	0.062	0.082	0.028	0.000	0.000	0.000	0.000	1408.19	
10	0.7350	1189.1	1210.2	1209.9	1.072	3.574	70.165	19.845	4.332	0.236	0.616	0.058	0.075	0.026	0.000	0.000	0.000	0.000	1411.61	
11	0.7424	1199.2	1220.4	1220.2	1.069	3.659	69.497	19.807	4.743	0.279	0.751	0.072	0.092	0.028	0.000	0.000	0.000	0.000	1416.42	
12	0.7331	1183.4	1204.3	1204.1	1.083	3.731	70.257	19.810	4.158	0.225	0.584	0.054	0.071	0.027	0.000	0.000	0.000	0.000	1406.61	
13	0.7257	1172.1	1192.9	1192.6	1.086	3.727	70.806	20.071	3.483	0.188	0.497	0.051	0.068	0.023	0.000	0.000	0.000	0.000	1400.27	
14	0.7213	1165.5	1186.1	1185.9	1.084	3.721	71.262	19.946	3.267	0.165	0.430	0.044	0.058	0.022	0.000	0.000	0.000	0.000	1396.61	
15	0.7254	1172.2	1193.0	1192.7	1.081	3.703	70.974	19.804	3.633	0.181	0.478	0.052	0.069	0.026	0.000	0.000	0.000	0.000	1400.65	
16	0.7284	1176.9	1197.8	1197.5	1.096	3.671	70.674	19.967	3.691	0.196	0.529	0.061	0.082	0.033	0.000	0.000	0.000	0.000	1403.42	
17	0.7322	1183.3	1204.3	1204.0	1.085	3.648	70.135	20.211	4.086	0.190	0.493	0.052	0.070	0.030	0.000	0.000	0.000	0.000	1407.43	
18	0.7337	1184.6	1205.6	1205.3	1.088	3.716	70.026	20.065	4.225	0.205	0.528	0.053	0.070	0.025	0.000	0.000	0.000	0.000	1407.40	
19	0.7342	1185.6	1206.6	1206.4	1.090	3.694	69.816	20.354	4.205	0.202	0.510	0.047	0.060	0.022	0.000	0.000	0.000	0.000	1408.18	
20	0.7327	1182.8	1203.8	1203.5	1.093	3.717	70.000	20.197	4.203	0.194	0.485	0.041	0.052	0.018	0.000	0.000	0.000	0.000	1406.32	
21	0.7296	1179.1	1200.0	1199.8	1.086	3.663	70.279	20.312	3.884	0.191	0.479	0.041	0.050	0.015	0.000	0.000	0.000	0.000	1404.91	
22	0.7392	1195.0	1216.1	1215.9	1.083	3.592	69.481	20.302	4.582	0.227	0.582	0.056	0.072	0.023	0.000	0.000	0.000	0.000	1414.52	
23	0.7331	1185.0	1206.0	1205.8	1.094	3.622	69.995	20.317	4.119	0.203	0.516	0.048	0.062	0.023	0.000	0.000	0.000	0.000	1408.51	
24	0.7299	1180.4	1201.3	1201.1	1.090	3.611	70.266	20.368	3.864	0.191	0.490	0.045	0.057	0.017	0.000	0.000	0.000	0.000	1406.09	
25	0.7272	1175.6	1196.4	1196.2	1.091	3.646	70.502	20.342	3.683	0.178	0.447	0.041	0.053	0.017	0.000	0.000	0.000	0.000	1403.03	
26	0.7279	1176.1	1197.0	1196.7	1.094	3.673	70.484	20.236	3.746	0.184	0.471	0.042	0.053	0.016	0.000	0.000	0.000	0.000	1402.99	
27	0.7288	1175.7	1196.5	1196.3	1.093	3.794	70.412	20.075	3.842	0.184	0.476	0.047	0.059	0.018	0.000	0.000	0.000	0.000	1401.49	
28	0.7268	1173.2	1194.0	1193.7	1.088	3.763	70.560	20.170	3.687	0.177	0.440	0.042	0.054	0.019	0.000	0.000	0.000	0.000	1400.50	
29	0.7259	1171.2	1192.0	1191.8	1.093	3.787	70.554	20.289	3.583	0.171	0.423	0.038	0.048	0.015	0.000	0.000	0.000	0.000	1399.07	
30	0.7292	1176.9	1197.7	1197.5	1.079	3.774	70.307	20.218	3.852	0.183	0.466	0.045	0.058	0.018	0.000	0.000	0.000	0.000	1402.61	
31	0.7268	1174.5	1195.3	1195.1	1.086	3.680	70.874	19.782	3.741	0.190	0.503	0.052	0.068	0.025	0.000	0.000	0.000	0.000	1402.13	
Avg	0.7291	1178.0	1199.2	1198.9	1.085	3.672	70.490	20.069	3.848	0.195	0.505	0.049	0.064	0.023	0.000	0.000	0.000	0.000	1404.36	

Source Daily Summary

December 2025

Source #: 043
Name: BISMARCK STN-CLEVELAND STN

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7403	1173.9	1194.7	1194.0	0.926	5.237	68.273	20.075	4.882	0.160	0.388	0.025	0.026	0.008	0.000	0.000	0.000	0.000	1388.48	
2	0.7416	1174.4	1195.2	1194.5	0.933	5.318	68.119	20.039	4.976	0.162	0.394	0.025	0.027	0.008	0.000	0.000	0.000	0.000	1387.85	
3	0.7324	1162.9	1183.5	1182.8	0.947	5.128	69.521	19.279	4.564	0.148	0.360	0.023	0.024	0.007	0.000	0.000	0.000	0.000	1382.96	
4	0.7304	1159.5	1180.0	1179.3	0.976	5.105	69.974	18.815	4.565	0.148	0.362	0.023	0.025	0.007	0.000	0.000	0.000	0.000	1380.75	
5	0.7295	1158.0	1178.5	1177.8	0.940	5.175	69.871	19.073	4.410	0.141	0.340	0.021	0.022	0.006	0.000	0.000	0.000	0.000	1379.74	
6	0.7167	1146.7	1167.0	1166.4	0.886	4.744	71.615	18.603	3.709	0.119	0.283	0.018	0.018	0.006	0.000	0.000	0.000	0.000	1378.49	
7	0.7151	1142.7	1162.9	1162.3	0.941	4.751	72.024	18.109	3.732	0.118	0.282	0.017	0.018	0.006	0.000	0.000	0.000	0.000	1375.19	
8	0.7187	1145.8	1166.1	1165.4	0.935	4.907	71.480	18.288	3.938	0.122	0.289	0.017	0.018	0.005	0.000	0.000	0.000	0.000	1375.53	
9	0.7247	1152.6	1173.0	1172.4	0.940	5.050	70.528	18.842	4.146	0.132	0.316	0.019	0.020	0.006	0.000	0.000	0.000	0.000	1377.91	
10	0.7173	1144.9	1165.2	1164.5	0.915	4.864	71.529	18.497	3.767	0.117	0.274	0.016	0.017	0.005	0.000	0.000	0.000	0.000	1375.76	
11	0.7201	1149.2	1169.6	1168.9	0.891	4.897	71.155	18.673	3.929	0.124	0.291	0.017	0.018	0.005	0.000	0.000	0.000	0.000	1378.28	
12	0.7144	1145.0	1165.2	1164.6	0.834	4.706	71.941	18.456	3.641	0.115	0.269	0.016	0.017	0.005	0.000	0.000	0.000	0.000	1378.66	
13	0.7156	1149.0	1169.3	1168.7	0.839	4.568	71.790	18.674	3.700	0.117	0.272	0.016	0.017	0.005	0.000	0.000	0.000	0.000	1382.32	
14	0.7211	1153.7	1174.2	1173.5	0.871	4.749	71.012	18.942	3.951	0.128	0.303	0.018	0.019	0.006	0.000	0.000	0.000	0.000	1382.70	
15	0.7413	1172.6	1193.4	1192.6	0.925	5.402	68.255	19.779	4.993	0.169	0.414	0.026	0.028	0.009	0.000	0.000	0.000	0.000	1386.14	
16	0.7395	1170.5	1191.3	1190.5	0.927	5.366	68.460	19.756	4.856	0.166	0.407	0.026	0.028	0.009	0.000	0.000	0.000	0.000	1385.25	
17	0.7340	1162.8	1183.4	1182.6	0.929	5.317	69.080	19.603	4.517	0.149	0.354	0.021	0.022	0.007	0.000	0.000	0.000	0.000	1381.26	
18	0.7287	1158.3	1178.8	1178.1	0.933	5.086	69.821	19.445	4.193	0.139	0.333	0.021	0.022	0.007	0.000	0.000	0.000	0.000	1380.94	
19	0.7173	1148.4	1168.8	1168.1	0.904	4.663	71.522	18.777	3.686	0.121	0.285	0.017	0.018	0.006	0.000	0.000	0.000	0.000	1380.00	
20	0.7142	1145.4	1165.7	1165.0	0.840	4.651	71.832	18.760	3.512	0.112	0.258	0.015	0.015	0.005	0.000	0.000	0.000	0.000	1379.40	
21	0.7181	1149.4	1169.8	1169.1	0.842	4.774	71.386	18.754	3.791	0.123	0.288	0.017	0.018	0.006	0.000	0.000	0.000	0.000	1380.41	
22	0.7234	1154.4	1174.8	1174.1	0.857	4.947	70.580	19.121	4.012	0.131	0.309	0.019	0.019	0.006	0.000	0.000	0.000	0.000	1381.26	
23	0.7193	1151.9	1172.3	1171.6	0.874	4.685	71.290	18.833	3.843	0.127	0.302	0.019	0.020	0.006	0.000	0.000	0.000	0.000	1382.24	
24	0.7244	1155.3	1175.7	1175.0	0.907	4.905	70.570	19.023	4.087	0.136	0.325	0.020	0.021	0.007	0.000	0.000	0.000	0.000	1381.42	
25	0.7234	1152.3	1172.7	1172.0	0.916	4.982	70.631	18.971	4.018	0.130	0.308	0.018	0.019	0.006	0.000	0.000	0.000	0.000	1378.80	
26	0.7272	1154.3	1174.7	1174.0	0.964	5.150	70.131	19.028	4.214	0.138	0.329	0.020	0.020	0.007	0.000	0.000	0.000	0.000	1377.49	
27	0.7292	1158.8	1179.3	1178.6	0.968	5.047	69.884	19.283	4.278	0.144	0.346	0.021	0.023	0.007	0.000	0.000	0.000	0.000	1381.10	
28	0.7224	1151.6	1171.9	1171.3	0.949	4.884	70.794	18.975	3.911	0.131	0.311	0.019	0.020	0.006	0.000	0.000	0.000	0.000	1378.86	
29	0.7177	1147.8	1168.1	1167.4	0.906	4.740	71.453	18.739	3.715	0.122	0.285	0.017	0.018	0.006	0.000	0.000	0.000	0.000	1378.81	
30	0.7275	1158.4	1178.9	1178.1	0.895	5.027	70.044	19.302	4.218	0.139	0.329	0.020	0.021	0.006	0.000	0.000	0.000	0.000	1382.17	
31	0.7245	1154.3	1174.7	1174.0	0.899	4.990	70.400	19.207	4.016	0.131	0.312	0.019	0.020	0.006	0.000	0.000	0.000	0.000	1380.13	
Avg	0.7248	1155.0	1175.4	1174.7	0.910	4.962	70.483	19.023	4.122	0.134	0.320	0.020	0.021	0.006	0.000	0.000	0.000	0.000	1380.66	

Source Daily Summary

December 2025

Source #: 063
Name: CLEVELAND STN-MAPLETON

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7403	1173.9	1194.7	1193.8	0.926	5.237	68.281	20.076	4.882	0.160	0.388	0.025	0.026	0.000	0.000	0.000	0.000	0.000	1388.49	
2	0.7416	1174.4	1195.2	1194.3	0.933	5.318	68.127	20.039	4.976	0.162	0.394	0.025	0.027	0.000	0.000	0.000	0.000	0.000	1387.86	
3	0.7324	1162.9	1183.5	1182.6	0.947	5.128	69.528	19.279	4.564	0.148	0.360	0.023	0.024	0.000	0.000	0.000	0.000	0.000	1382.96	
4	0.7304	1159.5	1180.0	1179.1	0.976	5.105	69.982	18.814	4.565	0.148	0.362	0.023	0.025	0.000	0.000	0.000	0.000	0.000	1380.74	
5	0.7295	1158.0	1178.5	1177.6	0.940	5.175	69.877	19.074	4.411	0.141	0.340	0.021	0.022	0.000	0.000	0.000	0.000	0.000	1379.74	
6	0.7167	1146.7	1167.0	1166.1	0.886	4.744	71.622	18.603	3.708	0.119	0.283	0.018	0.018	0.000	0.000	0.000	0.000	0.000	1378.49	
7	0.7151	1142.7	1162.9	1162.0	0.941	4.751	72.029	18.110	3.733	0.118	0.282	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1375.20	
8	0.7187	1145.8	1166.1	1165.2	0.935	4.907	71.487	18.288	3.938	0.122	0.289	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1375.52	
9	0.7247	1152.6	1173.0	1172.4	0.940	5.050	70.534	18.842	4.147	0.132	0.316	0.019	0.020	0.000	0.000	0.000	0.000	0.000	1377.91	
10	0.7214	1146.7	1167.0	1166.4	0.968	5.060	70.927	18.671	3.929	0.123	0.284	0.017	0.019	0.000	0.000	0.000	0.000	0.000	1373.94	
11	0.7171	1142.4	1162.6	1162.0	0.952	4.939	71.543	18.425	3.728	0.117	0.263	0.016	0.018	0.000	0.000	0.000	0.000	0.000	1372.96	
12	0.7203	1147.4	1167.8	1167.2	0.928	4.969	71.124	18.608	3.925	0.125	0.283	0.017	0.019	0.000	0.000	0.000	0.000	0.000	1375.91	
13	0.7153	1144.5	1164.7	1164.0	0.869	4.775	71.781	18.507	3.654	0.117	0.263	0.016	0.018	0.000	0.000	0.000	0.000	0.000	1377.10	
14	0.7167	1148.7	1169.0	1168.1	0.874	4.636	71.594	18.774	3.703	0.119	0.266	0.016	0.018	0.000	0.000	0.000	0.000	0.000	1380.89	
15	0.7234	1151.1	1171.5	1170.7	0.899	5.078	70.554	19.055	3.942	0.131	0.300	0.019	0.022	0.000	0.000	0.000	0.000	0.000	1377.39	
16	0.7432	1172.9	1193.6	1192.9	0.970	5.496	67.907	19.989	5.005	0.172	0.404	0.027	0.030	0.000	0.000	0.000	0.000	0.000	1384.64	
17	0.7409	1170.4	1191.2	1190.4	0.970	5.431	68.178	19.972	4.832	0.167	0.392	0.027	0.030	0.000	0.000	0.000	0.000	0.000	1383.87	
18	0.7347	1161.6	1182.1	1181.5	0.979	5.382	68.917	19.706	4.479	0.150	0.342	0.022	0.024	0.000	0.000	0.000	0.000	0.000	1379.13	
19	0.7293	1157.7	1178.2	1177.4	0.967	5.128	69.689	19.534	4.175	0.140	0.322	0.021	0.023	0.000	0.000	0.000	0.000	0.000	1379.63	
20	0.7170	1147.1	1167.4	1166.6	0.931	4.675	71.500	18.857	3.610	0.119	0.271	0.017	0.019	0.000	0.000	0.000	0.000	0.000	1378.70	
21	0.7144	1143.9	1164.1	1163.3	0.881	4.707	71.767	18.771	3.483	0.112	0.249	0.015	0.016	0.000	0.000	0.000	0.000	0.000	1377.30	
22	0.7200	1150.2	1170.6	1169.9	0.878	4.846	71.071	18.929	3.825	0.126	0.286	0.018	0.020	0.000	0.000	0.000	0.000	0.000	1379.56	
23	0.7245	1154.3	1174.7	1174.0	0.897	4.998	70.355	19.284	3.994	0.132	0.300	0.019	0.021	0.000	0.000	0.000	0.000	0.000	1380.05	
24	0.7198	1150.8	1171.2	1170.6	0.912	4.740	71.171	18.903	3.815	0.128	0.292	0.019	0.021	0.000	0.000	0.000	0.000	0.000	1380.48	
25	0.7253	1154.8	1175.2	1174.6	0.946	4.965	70.378	19.148	4.068	0.137	0.315	0.020	0.023	0.000	0.000	0.000	0.000	0.000	1379.91	
26	0.7241	1151.2	1171.6	1170.9	0.958	5.051	70.466	19.075	3.986	0.130	0.295	0.018	0.020	0.000	0.000	0.000	0.000	0.000	1376.81	
27	0.7288	1154.4	1174.9	1174.3	1.010	5.210	69.855	19.209	4.213	0.140	0.320	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1376.27	
28	0.7299	1157.8	1178.3	1177.7	1.010	5.114	69.751	19.319	4.279	0.146	0.336	0.022	0.024	0.000	0.000	0.000	0.000	0.000	1379.21	
29	0.7212	1148.3	1168.6	1167.8	0.980	4.920	70.977	18.819	3.840	0.130	0.295	0.019	0.021	0.000	0.000	0.000	0.000	0.000	1376.09	
30	0.7186	1147.0	1167.4	1166.6	0.948	4.805	71.307	18.777	3.725	0.124	0.278	0.017	0.019	0.000	0.000	0.000	0.000	0.000	1377.06	
31	0.7291	1158.3	1178.8	1178.0	0.937	5.120	69.749	19.457	4.231	0.141	0.322	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1380.54	
Avg	0.7253	1154.0	1174.6	1173.8	0.938	5.015	70.388	19.062	4.108	0.135	0.313	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1379.17	

Source Daily Summary

December 2025

Source #: 061
Name: CLEVELAND STN-GRAFTON BDR

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.7403	1173.9	1194.7	1194.5	0.926	5.237	68.281	20.075	4.882	0.160	0.388	0.025	0.026	0.000	0.000	0.000	0.000	0.000	1388.49	
2	0.7416	1174.4	1195.2	1195.0	0.933	5.318	68.127	20.039	4.976	0.162	0.394	0.025	0.027	0.000	0.000	0.000	0.000	0.000	1387.86	
3	0.7324	1162.9	1183.5	1183.3	0.947	5.128	69.528	19.279	4.564	0.148	0.360	0.023	0.024	0.000	0.000	0.000	0.000	0.000	1382.96	
4	0.7304	1159.5	1180.0	1179.8	0.976	5.105	69.982	18.814	4.565	0.148	0.362	0.023	0.025	0.000	0.000	0.000	0.000	0.000	1380.74	
5	0.7295	1158.0	1178.5	1178.3	0.940	5.175	69.877	19.073	4.411	0.141	0.340	0.021	0.022	0.000	0.000	0.000	0.000	0.000	1379.74	
6	0.7167	1146.7	1167.0	1166.8	0.886	4.744	71.622	18.603	3.708	0.119	0.283	0.018	0.018	0.000	0.000	0.000	0.000	0.000	1378.49	
7	0.7151	1142.7	1162.9	1162.7	0.941	4.751	72.029	18.110	3.733	0.118	0.282	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1375.20	
8	0.7187	1145.8	1166.1	1165.8	0.935	4.907	71.487	18.288	3.938	0.122	0.289	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1375.52	
9	0.7247	1152.6	1173.0	1172.6	0.940	5.050	70.534	18.842	4.147	0.132	0.316	0.019	0.020	0.000	0.000	0.000	0.000	0.000	1377.91	
10	0.7205	1145.7	1166.0	1165.6	0.964	5.041	71.031	18.653	3.875	0.122	0.279	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1373.66	
11	0.7180	1144.0	1164.3	1163.9	0.952	4.924	71.448	18.460	3.790	0.120	0.270	0.016	0.018	0.000	0.000	0.000	0.000	0.000	1374.05	
12	0.7199	1147.3	1167.6	1167.2	0.915	4.958	71.194	18.576	3.914	0.126	0.282	0.017	0.019	0.000	0.000	0.000	0.000	0.000	1376.13	
13	0.7162	1145.6	1165.9	1165.5	0.873	4.779	71.639	18.615	3.679	0.118	0.263	0.016	0.018	0.000	0.000	0.000	0.000	0.000	1377.65	
14	0.7166	1148.0	1168.3	1167.7	0.875	4.670	71.595	18.747	3.690	0.120	0.267	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1380.10	
15	0.7256	1155.6	1176.1	1175.6	0.906	5.005	70.321	19.174	4.089	0.140	0.322	0.021	0.024	0.000	0.000	0.000	0.000	0.000	1380.61	
16	0.7457	1175.3	1196.1	1195.6	0.981	5.574	67.559	20.093	5.140	0.177	0.418	0.028	0.031	0.000	0.000	0.000	0.000	0.000	1385.09	
17	0.7402	1169.6	1190.3	1189.8	0.968	5.418	68.250	19.981	4.778	0.165	0.386	0.026	0.030	0.000	0.000	0.000	0.000	0.000	1383.58	
18	0.7339	1160.5	1181.1	1180.7	0.986	5.358	69.059	19.617	4.444	0.149	0.341	0.022	0.024	0.000	0.000	0.000	0.000	0.000	1378.67	
19	0.7280	1156.3	1176.8	1176.5	0.964	5.093	69.884	19.448	4.117	0.138	0.315	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1379.23	
20	0.7166	1147.1	1167.4	1167.2	0.914	4.668	71.536	18.872	3.589	0.119	0.268	0.017	0.019	0.000	0.000	0.000	0.000	0.000	1379.01	
21	0.7141	1143.2	1163.4	1163.1	0.886	4.711	71.816	18.730	3.470	0.112	0.246	0.014	0.016	0.000	0.000	0.000	0.000	0.000	1376.78	
22	0.7208	1150.7	1171.0	1170.7	0.880	4.894	70.956	18.945	3.869	0.128	0.290	0.018	0.020	0.000	0.000	0.000	0.000	0.000	1379.29	
23	0.7249	1154.9	1175.3	1174.9	0.903	4.987	70.307	19.321	4.006	0.133	0.303	0.019	0.021	0.000	0.000	0.000	0.000	0.000	1380.44	
24	0.7202	1151.1	1171.4	1171.0	0.915	4.753	71.135	18.896	3.839	0.129	0.294	0.019	0.021	0.000	0.000	0.000	0.000	0.000	1380.42	
25	0.7257	1155.2	1175.6	1175.2	0.949	4.971	70.326	19.172	4.083	0.138	0.318	0.020	0.023	0.000	0.000	0.000	0.000	0.000	1380.05	
26	0.7249	1151.7	1172.1	1171.7	0.967	5.083	70.363	19.081	4.036	0.132	0.299	0.018	0.020	0.000	0.000	0.000	0.000	0.000	1376.65	
27	0.7291	1154.9	1175.4	1174.9	1.012	5.215	69.798	19.243	4.228	0.141	0.322	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1376.46	
28	0.7295	1157.6	1178.1	1177.8	1.004	5.097	69.812	19.305	4.257	0.145	0.334	0.022	0.024	0.000	0.000	0.000	0.000	0.000	1379.29	
29	0.7189	1145.5	1165.7	1165.6	0.974	4.889	71.301	18.648	3.739	0.126	0.285	0.018	0.020	0.000	0.000	0.000	0.000	0.000	1374.90	
30	0.7202	1149.2	1169.5	1169.1	0.943	4.835	71.073	18.893	3.805	0.127	0.286	0.018	0.020	0.000	0.000	0.000	0.000	0.000	1378.06	
31	0.7291	1157.5	1178.0	1177.8	0.944	5.153	69.750	19.422	4.229	0.141	0.320	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1379.64	
Avg	0.7254	1154.0	1174.7	1174.4	0.939	5.016	70.375	19.065	4.116	0.135	0.314	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1379.25	

Source Daily Summary

December 2025

Source #: 662
Name: MAPLETON-WAHPETON

Pressure Base:	14.730		Contract Day:	1
Temperature Base:	60		Contract Hour:	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	0.5914	1032.0	1050.3	1049.9	0.574	0.428	93.163	5.677	0.146	0.006	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.69	-87.97
2	0.5915	1032.1	1050.4	1050.0	0.577	0.424	93.165	5.663	0.155	0.008	0.007	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1365.75	-87.69
3	0.5926	1033.6	1051.9	1051.6	0.575	0.435	92.954	5.858	0.160	0.008	0.007	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1366.52	-86.69
4	0.5930	1034.1	1052.4	1052.0	0.583	0.432	92.875	5.938	0.155	0.008	0.007	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1366.68	-86.43
5	0.5918	1032.7	1051.0	1050.6	0.571	0.424	93.058	5.812	0.125	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.19	-87.81
6	0.5921	1033.4	1051.7	1051.3	0.575	0.411	92.987	5.894	0.123	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.67	-87.44
7	0.5918	1032.2	1050.5	1050.2	0.589	0.424	93.075	5.783	0.119	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.58	-87.95
8	0.5913	1032.0	1050.3	1050.0	0.577	0.415	93.147	5.736	0.116	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.80	-88.24
9	0.5918	1032.6	1050.9	1050.6	0.576	0.426	93.057	5.806	0.126	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.01	-87.81
10	0.5923	1033.3	1051.6	1051.4	0.571	0.435	92.969	5.871	0.144	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.44	-87.24
11	0.5921	1032.4	1050.7	1050.4	0.579	0.457	93.026	5.782	0.145	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.46	-87.58
12	0.5918	1031.9	1050.1	1049.9	0.582	0.463	93.062	5.749	0.134	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.04	-87.91
13	0.5909	1031.2	1049.4	1049.2	0.565	0.443	93.221	5.642	0.121	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1365.19	-88.71
14	0.5910	1031.4	1049.6	1049.4	0.554	0.456	93.192	5.669	0.120	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1365.36	-88.61
15	0.5918	1032.8	1051.0	1050.8	0.548	0.462	93.010	5.851	0.122	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1366.21	-87.84
16	0.5916	1032.4	1050.7	1050.5	0.541	0.468	93.054	5.807	0.122	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1366.07	-88.04
17	0.5914	1032.0	1050.3	1050.1	0.555	0.454	93.106	5.759	0.119	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1365.73	-88.28
18	0.5917	1032.5	1050.8	1050.6	0.562	0.444	93.053	5.813	0.121	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1366.00	-87.98
19	0.5913	1031.8	1050.0	1049.8	0.559	0.453	93.125	5.741	0.115	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1365.54	-88.41
20	0.5905	1030.0	1048.3	1048.0	0.539	0.518	93.245	5.582	0.108	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1364.10	-89.29
21	0.5905	1029.7	1047.9	1047.6	0.559	0.507	93.273	5.547	0.107	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1363.67	-89.38
22	0.5904	1029.6	1047.9	1047.6	0.560	0.499	93.292	5.533	0.108	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.71	-89.41
23	0.5907	1030.4	1048.7	1048.4	0.546	0.495	93.237	5.602	0.112	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.48	-89.09
24	0.5907	1030.2	1048.5	1048.2	0.561	0.490	93.234	5.594	0.113	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1364.16	-89.07
25	0.5906	1029.7	1048.0	1047.7	0.558	0.510	93.267	5.544	0.113	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.68	-89.30
26	0.5909	1030.5	1048.7	1048.4	0.565	0.481	93.218	5.612	0.116	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.34	-88.92
27	0.5909	1030.6	1048.9	1048.6	0.561	0.480	93.206	5.635	0.111	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1364.50	-88.93
28	0.5913	1031.3	1049.6	1049.3	0.559	0.480	93.173	5.628	0.143	0.008	0.007	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1364.94	-87.79
29	0.5991	1042.7	1061.2	1060.9	0.568	0.502	92.364	5.810	0.599	0.062	0.072	0.013	0.009	0.000	0.000	0.000	0.000	0.000	1370.98	-69.84
30	0.5898	1029.0	1047.3	1047.0	0.557	0.483	93.450	5.360	0.142	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1363.61	-89.69
31	0.5895	1028.5	1046.7	1046.5	0.558	0.486	93.507	5.307	0.134	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1363.26	-90.00
Avg	0.5916	1032.0	1050.2	1049.9	0.565	0.461	93.121	5.697	0.142	0.007	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.40	-87.72

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.6939	1132.1	1152.2	1151.8	0.817	3.600	74.344	18.913	2.091	0.068	0.145	0.009	0.009	0.004	0.000	0.000	0.000	0.000	1383.23	
2	0.6881	1127.7	1147.7	1147.4	0.776	3.384	75.220	18.558	1.865	0.059	0.119	0.007	0.007	0.004	0.000	0.000	0.000	0.000	1383.61	
3	0.6783	1110.6	1130.2	1129.9	0.849	3.406	76.924	17.082	1.572	0.050	0.102	0.006	0.006	0.003	0.000	0.000	0.000	0.000	1372.30	
4	0.6655	1088.8	1108.1	1107.8	0.939	3.386	79.138	15.251	1.172	0.035	0.069	0.004	0.004	0.003	0.000	0.000	0.000	0.000	1358.34	
5	0.6705	1097.8	1117.3	1116.9	0.856	3.437	78.140	16.162	1.278	0.038	0.075	0.005	0.005	0.002	0.000	0.000	0.000	0.000	1364.42	
6	0.6922	1122.3	1142.2	1141.8	0.817	4.040	75.037	17.403	2.424	0.077	0.175	0.011	0.011	0.004	0.000	0.000	0.000	0.000	1372.89	
7	0.6710	1096.7	1116.1	1115.8	0.880	3.516	78.259	15.754	1.445	0.044	0.089	0.006	0.006	0.003	0.000	0.000	0.000	0.000	1362.53	
8	0.6669	1093.7	1113.1	1112.7	0.856	3.345	78.917	15.463	1.292	0.039	0.076	0.005	0.005	0.002	0.000	0.000	0.000	0.000	1362.99	
9	0.6803	1106.9	1126.5	1126.2	0.877	3.769	76.732	16.667	1.767	0.054	0.116	0.007	0.007	0.003	0.000	0.000	0.000	0.000	1365.86	
10	0.6758	1103.3	1122.8	1122.5	0.817	3.660	77.374	16.396	1.593	0.047	0.099	0.006	0.006	0.003	0.000	0.000	0.000	0.000	1365.91	
11	0.6784	1108.6	1128.3	1127.9	0.801	3.600	77.070	16.573	1.767	0.055	0.116	0.007	0.007	0.003	0.000	0.000	0.000	0.000	1369.88	
12	0.7178	1149.5	1169.8	1169.5	0.846	4.740	71.542	18.556	3.851	0.124	0.296	0.019	0.020	0.007	0.000	0.000	0.000	0.000	1380.70	
13	0.7048	1139.0	1159.2	1158.9	0.799	4.230	73.325	18.129	3.151	0.100	0.232	0.014	0.015	0.005	0.000	0.000	0.000	0.000	1380.77	
14	0.6786	1113.4	1133.1	1132.8	0.719	3.456	76.928	16.972	1.740	0.056	0.111	0.007	0.007	0.003	0.000	0.000	0.000	0.000	1375.52	
15	0.6749	1109.8	1129.5	1129.1	0.690	3.372	77.425	16.799	1.559	0.048	0.092	0.006	0.005	0.003	0.000	0.000	0.000	0.000	1374.82	
16	0.6750	1109.5	1129.1	1128.7	0.721	3.354	77.336	16.973	1.471	0.045	0.086	0.005	0.005	0.003	0.000	0.000	0.000	0.000	1374.30	
17	0.6894	1125.6	1145.5	1145.2	0.774	3.645	75.039	18.359	1.966	0.064	0.133	0.008	0.008	0.004	0.000	0.000	0.000	0.000	1379.71	
18	0.7310	1161.4	1181.9	1181.6	0.941	5.103	69.572	19.493	4.336	0.146	0.354	0.023	0.024	0.009	0.000	0.000	0.000	0.000	1382.43	
19	0.6796	1110.5	1130.2	1129.8	0.827	3.559	76.763	16.986	1.684	0.053	0.110	0.007	0.007	0.003	0.000	0.000	0.000	0.000	1370.96	
20	0.6776	1112.5	1132.2	1131.9	0.713	3.427	76.899	17.244	1.562	0.049	0.093	0.006	0.005	0.003	0.000	0.000	0.000	0.000	1375.39	
21	0.6737	1107.9	1127.6	1127.2	0.671	3.403	77.539	16.772	1.472	0.045	0.085	0.005	0.005	0.003	0.000	0.000	0.000	0.000	1373.71	
22	0.6762	1112.1	1131.8	1131.4	0.661	3.398	77.037	17.274	1.491	0.044	0.083	0.005	0.005	0.003	0.000	0.000	0.000	0.000	1376.33	
23	0.6746	1109.0	1128.6	1128.3	0.740	3.319	77.408	16.944	1.448	0.045	0.085	0.005	0.005	0.003	0.000	0.000	0.000	0.000	1374.11	
24	0.6729	1105.7	1125.3	1124.9	0.776	3.303	77.725	16.673	1.391	0.042	0.079	0.005	0.004	0.003	0.000	0.000	0.000	0.000	1371.76	
25	0.6726	1102.5	1122.0	1121.7	0.795	3.440	77.664	16.684	1.299	0.037	0.070	0.004	0.004	0.002	0.000	0.000	0.000	0.000	1368.12	
26	0.6720	1098.1	1117.6	1117.2	0.905	3.482	77.838	16.402	1.260	0.036	0.067	0.004	0.003	0.002	0.000	0.000	0.000	0.000	1363.33	
27	0.6929	1122.6	1142.5	1142.2	0.941	3.895	74.949	17.610	2.325	0.078	0.175	0.011	0.011	0.005	0.000	0.000	0.000	0.000	1372.63	
28	0.7258	1156.0	1176.5	1176.2	0.956	4.917	70.404	19.080	4.111	0.140	0.338	0.022	0.024	0.008	0.000	0.000	0.000	0.000	1381.00	
29	0.6791	1106.9	1126.5	1126.2	0.845	3.708	76.861	16.711	1.695	0.054	0.110	0.007	0.007	0.003	0.000	0.000	0.000	0.000	1367.00	
30	0.6784	1110.7	1130.3	1130.0	0.736	3.572	76.812	17.102	1.616	0.050	0.097	0.006	0.005	0.003	0.000	0.000	0.000	0.000	1372.40	
31	0.6970	1128.2	1148.2	1147.8	0.820	4.123	74.189	18.052	2.525	0.081	0.183	0.011	0.012	0.005	0.000	0.000	0.000	0.000	1375.39	
Avg	0.6840	1115.0	1135.2	1134.9	0.812	3.696	76.142	17.195	1.943	0.061	0.131	0.008	0.008	0.004	0.000	0.000	0.000	0.000	1372.66	

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.6899	1130.0	1150.0	1149.7	0.787	3.404	74.817	18.951	1.850	0.060	0.118	0.007	0.007	0.000	0.000	0.000	0.000	0.000	1384.51	
2	0.6834	1115.2	1135.0	1134.7	0.886	3.538	75.943	17.853	1.614	0.053	0.102	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1372.97	
3	0.6760	1099.8	1119.2	1119.0	0.978	3.654	77.159	16.746	1.332	0.042	0.080	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1361.20	
4	0.6779	1106.0	1125.6	1125.4	0.875	3.608	76.731	17.273	1.382	0.042	0.081	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1367.06	
5	0.6774	1106.9	1126.5	1126.3	0.756	3.682	76.722	17.314	1.400	0.042	0.078	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1368.70	
6	0.6760	1102.4	1122.0	1121.7	0.878	3.638	77.144	16.807	1.399	0.043	0.082	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1364.60	
7	0.6744	1100.0	1119.5	1119.2	0.903	3.603	77.455	16.537	1.371	0.042	0.079	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1363.13	
8	0.6748	1100.5	1120.0	1119.7	0.889	3.626	77.230	16.878	1.262	0.037	0.069	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1363.41	
9	0.6750	1102.4	1121.9	1121.7	0.855	3.586	77.196	16.945	1.301	0.039	0.072	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1365.54	
10	0.6753	1104.5	1124.0	1123.8	0.829	3.520	77.286	16.810	1.417	0.044	0.084	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1367.85	
11	0.6726	1103.1	1122.6	1122.4	0.683	3.575	77.654	16.556	1.403	0.043	0.079	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1368.83	
12	0.6773	1110.5	1130.1	1129.9	0.735	3.491	76.935	17.146	1.542	0.049	0.093	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1373.18	
13	0.6795	1114.5	1134.3	1134.0	0.714	3.482	76.578	17.429	1.634	0.053	0.099	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1375.97	
14	0.6792	1114.0	1133.7	1133.5	0.707	3.490	76.607	17.428	1.611	0.051	0.095	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1375.68	
15	0.6826	1117.9	1137.7	1137.5	0.740	3.530	75.831	18.215	1.539	0.049	0.089	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1377.02	
16	0.6874	1124.7	1144.6	1144.4	0.755	3.539	74.971	18.960	1.618	0.053	0.095	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1380.58	
17	0.6798	1104.9	1124.5	1124.3	0.958	3.722	76.294	17.619	1.287	0.041	0.072	0.003	0.003	0.000	0.000	0.000	0.000	0.000	1363.88	
18	0.6795	1110.7	1130.3	1130.1	0.851	3.512	76.512	17.502	1.479	0.047	0.088	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1371.17	
19	0.6785	1111.8	1131.4	1131.2	0.757	3.492	76.668	17.423	1.516	0.048	0.087	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1373.56	
20	0.6766	1110.2	1129.8	1129.6	0.725	3.451	76.997	17.212	1.478	0.046	0.084	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1373.62	
21	0.6768	1111.8	1131.4	1131.2	0.673	3.459	76.857	17.416	1.464	0.044	0.079	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1375.29	
22	0.6805	1115.8	1135.6	1135.4	0.748	3.443	76.284	17.848	1.529	0.049	0.090	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1376.57	
23	0.6802	1114.9	1134.6	1134.4	0.737	3.485	76.281	17.864	1.494	0.046	0.084	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1375.78	
24	0.6796	1111.5	1131.1	1130.9	0.789	3.558	76.339	17.776	1.410	0.043	0.077	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1372.16	
25	0.6802	1106.8	1126.4	1126.2	0.917	3.712	76.219	17.692	1.342	0.041	0.071	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1365.72	
26	0.6857	1116.9	1136.7	1136.3	0.939	3.576	75.415	18.377	1.533	0.053	0.097	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1372.70	
27	0.6842	1114.8	1134.5	1134.3	0.930	3.581	75.699	18.106	1.526	0.053	0.096	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1371.55	
28	0.6773	1103.8	1123.3	1123.1	0.903	3.640	76.884	17.059	1.384	0.044	0.079	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1364.95	
29	0.6774	1107.5	1127.1	1126.9	0.787	3.603	76.864	17.121	1.486	0.047	0.084	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1369.41	
30	0.6790	1109.4	1129.0	1128.9	0.822	3.583	76.495	17.555	1.413	0.045	0.080	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1370.17	
31	0.6791	1111.9	1131.6	1131.4	0.746	3.559	76.505	17.544	1.503	0.048	0.087	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1373.08	
Avg	0.6791	1110.0	1129.8	1129.6	0.815	3.559	76.535	17.483	1.468	0.046	0.086	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1370.96	

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.6750	1094.6	1114.0	1113.1	1.025	3.799	77.562	16.011	1.459	0.048	0.087	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1355.87	
2	0.6679	1081.3	1100.5	1099.8	1.065	3.881	78.790	14.885	1.255	0.041	0.074	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1346.52	
3	0.6669	1080.6	1099.7	1099.0	1.015	3.907	78.961	14.713	1.282	0.041	0.073	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1346.64	
4	0.6674	1086.1	1105.3	1104.5	0.834	3.889	78.793	14.978	1.382	0.042	0.074	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1353.03	
5	0.6675	1082.2	1101.4	1100.5	0.952	3.958	78.826	14.809	1.331	0.042	0.073	0.005	0.003	0.000	0.000	0.000	0.000	0.000	1348.05	
6	0.6654	1079.0	1098.1	1097.5	0.990	3.895	79.192	14.574	1.237	0.038	0.067	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1346.21	
7	0.6648	1078.3	1097.4	1096.6	1.026	3.839	79.295	14.534	1.198	0.037	0.065	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1345.82	
8	0.6651	1079.8	1098.9	1098.1	0.943	3.893	79.199	14.620	1.235	0.037	0.065	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1347.48	
9	0.6669	1085.6	1104.8	1104.0	0.901	3.775	78.957	14.883	1.359	0.042	0.075	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1352.88	
10	0.6634	1074.7	1093.7	1092.8	1.026	3.918	79.527	14.269	1.157	0.035	0.060	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1342.84	
11	0.6646	1078.4	1097.5	1096.6	0.957	3.911	79.268	14.552	1.204	0.037	0.063	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1346.22	
12	0.6706	1093.7	1113.0	1112.1	0.839	3.725	78.288	15.535	1.474	0.047	0.083	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1359.11	
13	0.6728	1097.4	1116.8	1115.9	0.861	3.672	77.983	15.774	1.555	0.052	0.093	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1361.55	
14	0.6728	1098.2	1117.7	1116.7	0.802	3.706	77.930	15.847	1.565	0.051	0.090	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1362.62	
15	0.6800	1110.3	1129.9	1129.0	0.748	3.734	76.663	16.892	1.786	0.060	0.106	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1370.21	
16	0.6778	1106.5	1126.1	1125.6	0.761	3.730	77.053	16.574	1.712	0.057	0.102	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1367.86	
17	0.6800	1112.4	1132.1	1131.7	0.716	3.649	76.661	17.005	1.792	0.059	0.107	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1372.88	
18	0.6718	1096.5	1115.9	1115.2	0.879	3.603	78.118	15.778	1.477	0.048	0.087	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1361.47	
19	0.6697	1092.8	1112.1	1111.2	0.838	3.698	78.445	15.432	1.449	0.047	0.083	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1358.94	
20	0.6709	1101.4	1120.9	1119.9	0.679	3.520	78.245	15.827	1.578	0.050	0.090	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1368.47	
21	0.6748	1109.7	1129.4	1128.4	0.615	3.480	77.538	16.492	1.713	0.055	0.098	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1374.81	
22	0.6754	1110.1	1129.8	1128.8	0.617	3.506	77.435	16.554	1.720	0.056	0.101	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1374.71	
23	0.6743	1101.7	1121.2	1120.3	0.792	3.652	77.626	16.211	1.570	0.051	0.089	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1365.39	
24	0.6713	1092.2	1111.6	1110.9	0.881	3.812	78.063	15.730	1.389	0.043	0.074	0.005	0.003	0.000	0.000	0.000	0.000	0.000	1356.70	
25	0.6768	1099.8	1119.2	1118.6	0.925	3.804	77.207	16.355	1.554	0.053	0.093	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1360.49	
26	0.6773	1101.8	1121.3	1120.5	0.941	3.704	77.227	16.347	1.609	0.057	0.104	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1362.47	
27	0.6732	1093.8	1113.2	1112.5	0.976	3.750	77.898	15.767	1.461	0.050	0.089	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1356.74	
28	0.6707	1093.2	1112.6	1112.0	0.865	3.722	78.231	15.626	1.422	0.046	0.080	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1358.53	
29	0.6682	1085.3	1104.5	1103.8	0.958	3.832	78.613	15.220	1.257	0.041	0.070	0.004	0.004	0.000	0.000	0.000	0.000	0.000	1351.12	
30	0.6712	1095.1	1114.5	1113.7	0.814	3.731	78.126	15.727	1.462	0.048	0.083	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1360.34	
31	0.6692	1089.5	1108.8	1107.9	0.886	3.774	78.558	15.228	1.418	0.046	0.080	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1355.40	
Avg	0.6711	1093.0	1112.3	1111.5	0.875	3.757	78.203	15.573	1.454	0.047	0.083	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1357.79	

Source Daily Summary

December 2025

Source #: 111
Name: LITTLE KNIFE PLANT

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.6971	1139.4	1159.6	1156.5	1.198	2.898	72.073	23.357	0.459	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.82	-24.90
2	0.6971	1139.4	1159.6	1156.5	1.198	2.898	72.073	23.357	0.459	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.82	-24.90
3	0.6963	1137.8	1158.0	1155.5	1.192	2.930	72.203	23.219	0.441	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.67	-25.43
4	0.6964	1137.2	1157.4	1155.1	1.191	2.971	72.195	23.181	0.447	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.91	-25.49
5	0.6963	1136.9	1157.0	1155.4	1.192	2.980	72.202	23.180	0.433	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.62	-25.61
6	0.6961	1136.6	1156.7	1154.9	1.197	2.975	72.236	23.150	0.427	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.39	-25.72
7	0.6962	1137.2	1157.3	1155.0	1.190	2.955	72.243	23.149	0.448	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.09	-25.55
8	0.6961	1136.7	1156.9	1155.0	1.199	2.967	72.235	23.150	0.435	0.006	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.54	-25.66
9	0.6959	1136.6	1156.7	1155.2	1.189	2.966	72.273	23.131	0.427	0.006	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.64	-25.79
10	0.6963	1137.4	1157.6	1155.7	1.186	2.960	72.207	23.184	0.448	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.23	-25.47
11	0.6963	1137.2	1157.3	1155.6	1.193	2.963	72.209	23.173	0.447	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.96	-25.49
12	0.6959	1136.7	1156.8	1154.7	1.186	2.970	72.254	23.151	0.424	0.006	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.69	-25.78
13	0.6964	1137.2	1157.4	1155.2	1.200	2.960	72.196	23.184	0.445	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.89	-25.46
14	0.6964	1137.4	1157.6	1155.4	1.189	2.961	72.202	23.180	0.454	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.19	-25.42
15	0.6974	1139.0	1159.1	1157.0	1.183	2.977	71.975	23.388	0.461	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.98	-24.85
16	0.6964	1137.5	1157.6	1155.6	1.188	2.964	72.185	23.199	0.449	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.18	-25.43
17	0.6957	1136.6	1156.8	1155.0	1.191	2.946	72.318	23.094	0.436	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.85	-25.78
18	0.6959	1136.8	1157.0	1154.8	1.198	2.934	72.296	23.133	0.422	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.94	-25.70
19	0.6960	1137.1	1157.2	1155.3	1.203	2.926	72.282	23.130	0.444	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.12	-25.60
20	0.6964	1137.7	1157.9	1155.6	1.202	2.925	72.210	23.205	0.443	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.50	-25.43
21	0.6964	1137.6	1157.7	1155.8	1.207	2.927	72.216	23.180	0.455	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.34	-25.37
22	0.6959	1136.8	1156.9	1155.0	1.203	2.938	72.305	23.085	0.454	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.81	-25.63
23	0.6965	1137.5	1157.7	1155.2	1.219	2.927	72.201	23.181	0.457	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.12	-25.32
24	0.6958	1136.4	1156.5	1154.8	1.208	2.944	72.316	23.074	0.443	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.46	-25.74
25	0.6964	1137.4	1157.5	1155.4	1.202	2.946	72.187	23.214	0.437	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.09	-25.47
26	0.6983	1140.7	1160.9	1159.5	1.188	2.944	71.820	23.581	0.451	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.23	-24.43
27	0.6978	1139.8	1160.0	1158.7	1.184	2.955	71.889	23.520	0.436	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.69	-24.70
28	0.6966	1137.3	1157.4	1155.8	1.203	2.970	72.133	23.261	0.418	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1386.77	-25.50
29	0.6972	1139.0	1159.2	1157.3	1.182	2.949	72.007	23.416	0.430	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.33	-25.04
30	0.6964	1137.8	1157.9	1155.7	1.183	2.956	72.168	23.239	0.439	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.53	-25.41
31	0.6961	1137.4	1157.6	1155.6	1.189	2.940	72.220	23.212	0.425	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.41	-25.60
Avg	0.6965	1138.0	1157.8	1155.7	1.195	2.949	72.178	23.221	0.442	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1387.32	-25.41

Source Daily Summary

December 2025

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

Pressure Base:	14.730	Contract Day:	1
Temperature Base:	60	Contract Hour:	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	0.6673	1101.0	1120.5	1118.3	0.922	2.836	79.467	14.936	1.649	0.055	0.115	0.008	0.008	0.002	0.000	0.000	0.000	0.000	1371.61	-30.26
2	0.6658	1096.7	1116.1	1114.3	0.915	2.970	79.675	14.657	1.605	0.053	0.108	0.008	0.008	0.002	0.000	0.000	0.000	0.000	1367.79	-31.80
3	0.6653	1096.4	1115.8	1113.9	0.919	2.932	79.738	14.670	1.570	0.051	0.103	0.007	0.007	0.002	0.000	0.000	0.000	0.000	1367.98	-32.36
4	0.6655	1097.5	1116.9	1115.0	0.922	2.881	79.664	14.826	1.543	0.049	0.098	0.007	0.007	0.002	0.000	0.000	0.000	0.000	1369.11	-32.57
5	0.6645	1097.7	1117.1	1115.5	0.943	2.739	79.871	14.782	1.508	0.047	0.096	0.006	0.007	0.001	0.000	0.000	0.000	0.000	1370.45	-33.17
6	0.6631	1095.5	1114.9	1113.8	0.942	2.742	80.134	14.538	1.486	0.047	0.096	0.007	0.007	0.002	0.000	0.000	0.000	0.000	1369.18	-33.88
7	0.6625	1094.6	1114.0	1112.5	0.944	2.737	80.232	14.474	1.458	0.046	0.094	0.006	0.007	0.002	0.000	0.000	0.000	0.000	1368.68	-34.36
8	0.6631	1096.7	1116.1	1114.5	0.941	2.670	80.145	14.600	1.489	0.046	0.094	0.006	0.007	0.002	0.000	0.000	0.000	0.000	1370.68	-33.75
9	0.6615	1094.1	1113.5	1112.0	0.941	2.682	80.399	14.390	1.437	0.045	0.091	0.006	0.007	0.002	0.000	0.000	0.000	0.000	1369.06	-34.91
10	0.6594	1090.8	1110.1	1108.5	0.948	2.679	80.627	14.358	1.254	0.045	0.073	0.007	0.007	0.001	0.000	0.000	0.000	0.000	1367.02	-37.49
11	0.6595	1091.1	1110.4	1109.1	0.945	2.668	80.632	14.358	1.259	0.045	0.078	0.007	0.007	0.001	0.000	0.000	0.000	0.000	1367.38	-37.30
12	0.6590	1089.6	1108.9	1107.3	0.944	2.718	80.883	13.895	1.410	0.045	0.090	0.006	0.007	0.002	0.000	0.000	0.000	0.000	1365.94	-36.36
13	0.6587	1089.0	1108.3	1106.6	0.949	2.712	80.941	13.851	1.399	0.044	0.088	0.006	0.007	0.002	0.000	0.000	0.000	0.000	1365.60	-36.70
14	0.6594	1089.3	1108.6	1106.3	1.005	2.673	80.826	13.982	1.369	0.043	0.087	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1365.29	-36.66
15	0.6622	1095.8	1115.2	1113.0	0.964	2.611	80.263	14.600	1.417	0.044	0.088	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1370.38	-34.84
16	0.6635	1097.5	1117.0	1115.2	0.948	2.647	79.998	14.827	1.434	0.044	0.087	0.006	0.006	0.001	0.000	0.000	0.000	0.000	1371.27	-34.21
17	0.6603	1097.7	1117.2	1116.0	0.836	2.509	80.515	14.597	1.401	0.044	0.086	0.006	0.006	0.001	0.000	0.000	0.000	0.000	1374.80	-35.43
18	0.6587	1094.8	1114.1	1113.0	0.832	2.543	80.806	14.312	1.363	0.044	0.086	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1372.77	-36.34
19	0.6573	1092.4	1111.7	1110.2	0.836	2.552	81.043	14.109	1.319	0.044	0.084	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1371.22	-37.38
20	0.6571	1088.3	1107.6	1106.0	0.888	2.702	81.142	13.784	1.342	0.043	0.085	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1366.32	-37.73
21	0.6584	1091.0	1110.3	1108.6	0.874	2.684	80.902	14.013	1.384	0.044	0.085	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1368.33	-36.72
22	0.6588	1091.7	1111.0	1109.3	0.874	2.670	80.836	14.089	1.388	0.043	0.085	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1368.89	-36.57
23	0.6578	1093.0	1112.3	1110.8	0.818	2.592	80.962	14.115	1.374	0.043	0.083	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1371.44	-36.88
24	0.6584	1094.2	1113.5	1112.0	0.812	2.579	80.852	14.239	1.379	0.043	0.083	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1372.37	-36.59
25	0.6576	1093.6	1112.9	1111.1	0.784	2.585	80.959	14.171	1.365	0.042	0.081	0.005	0.006	0.002	0.000	0.000	0.000	0.000	1372.43	-37.13
26	0.6585	1095.4	1114.8	1112.6	0.766	2.585	80.765	14.377	1.368	0.043	0.083	0.006	0.006	0.001	0.000	0.000	0.000	0.000	1373.81	-36.54
27	0.6575	1093.2	1112.5	1111.1	0.780	2.608	80.958	14.169	1.347	0.043	0.082	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1372.01	-37.21
28	0.6561	1090.1	1109.4	1107.7	0.791	2.640	81.217	13.910	1.305	0.042	0.081	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1369.70	-38.25
29	0.6583	1089.3	1108.6	1106.4	0.909	2.724	80.922	13.944	1.362	0.043	0.083	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1366.29	-37.21
30	0.6584	1089.8	1109.1	1106.7	0.898	2.721	80.890	13.990	1.363	0.042	0.082	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1366.81	-37.15
31	0.6582	1089.4	1108.7	1106.7	0.889	2.738	80.930	13.931	1.372	0.043	0.083	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1366.53	-37.19
Avg	0.6604	1093.0	1112.8	1111.1	0.893	2.688	80.555	14.306	1.410	0.045	0.088	0.006	0.006	0.002	0.000	0.000	0.000	0.000	1369.39	-35.64

Gas Composition and Properties

Effective December 1, 2025

Attachment B
Page 20 of 25

Source #: 2702230
Name: WATFORD CITY EAST BORDER

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	1.3085		3.2284
Nitrogen (N2)	2.5355		3.9820
Methane (C1)	88.5407		79.6310
Ethane (C2)	7.2311	1.9333	12.1896
Propane (C3)	0.3597	0.0991	0.8892
Isobutane (IC4)	0.0093	0.0030	0.0303
n-Butane (NC4)	0.0152	0.0048	0.0495
Isopentane (IC5)			
n-Pentane (NC5)			
Hexanes Plus (C6+)			
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
Totals	100.0000	2.0400	100.0000

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	-82.476
Cricondentherm	-75.908
HV, Dry @ Base P, T	1036.82
HV, Sat @ Base P, T	1018.78
HV, Sat @ Sample P, T	1036.82
Relative Density	0.6170

C6+: 100

Sample

Date: 12/01/2025 Type:

Tech: Joshua Tipton

Pressure: 500.0 psi Temp.: °F

Gauge: Gauge H2O:

Atm. Pressure: H2S:

Remarks:

Analysis

Date: Instrument:

Tech: Cylinder: 383

Remarks:

December-25

ZONE 550

MANDAN BORDER

Start Date	End Date	NBPL - St Anthony			WBI - Mandan Border			Weighted AVG BTU
		MCF	DK	BTU	MCF	DK	BTU Zone 28	
12/1/2025	12/2/2025	22	23	1,076	7,227	8,328	1152.2	1151.970
12/2/2025	12/3/2025	22	24	1,076	5,839	6,699	1147.7	1147.430
12/3/2025	12/4/2025	4,267	4,592	1,076	7,496	8,469	1130.2	1110.612
12/4/2025	12/5/2025	0	0	0	5,102	5,651	1108.1	1108.100
12/5/2025	12/6/2025	31	34	1,079	5,718	6,387	1117.3	1117.094
12/6/2025	12/7/2025	0	0	0	7,857	8,990	1142.2	1142.200
12/7/2025	12/8/2025	0	0	0	7,602	8,491	1116.1	1116.100
12/8/2025	12/9/2025	0	0	0	5,079	5,653	1113.1	1113.100
12/9/2025	12/10/2025	0	0	0	5,806	6,569	1126.5	1126.500
12/10/2025	12/11/2025	0	0	0	6,875	7,723	1122.8	1122.800
12/11/2025	12/12/2025	0	0	0	6,858	7,756	1128.3	1128.300
12/12/2025	12/13/2025	0	0	0	9,045	10,581	1169.8	1169.800
12/13/2025	12/14/2025	4,626	4,979	1,078	8,625	10,008	1159.2	1130.713
12/14/2025	12/15/2025	0	0	0	6,219	7,053	1133.1	1133.100
12/15/2025	12/16/2025	0	0	0	3,951	4,462	1129.5	1129.500
12/16/2025	12/17/2025	0	0	0	4,206	4,754	1129.1	1129.100
12/17/2025	12/18/2025	50	54	1,076	5,319	6,114	1145.5	1144.854
12/18/2025	12/19/2025	0	0	0	8,567	10,126	1181.9	1181.900
12/19/2025	12/20/2025	0	0	0	6,124	6,934	1130.2	1130.200
12/20/2025	12/21/2025	0	0	0	7,199	8,150	1132.2	1132.200
12/21/2025	12/22/2025	0	0	0	5,539	6,246	1127.6	1127.600
12/22/2025	12/23/2025	30	32	1,079	5,274	5,970	1131.8	1131.502
12/23/2025	12/24/2025	0	0	0	6,220	7,021	1128.6	1128.600
12/24/2025	12/25/2025	24	26	1,078	5,870	6,604	1125.3	1125.108
12/25/2025	12/26/2025	0	0	0	5,211	5,848	1122	1122.000
12/26/2025	12/27/2025	0	0	0	4,811	5,377	1117.6	1117.600
12/27/2025	12/28/2025	50	54	1,077	6,197	7,134	1142.5	1141.973
12/28/2025	12/29/2025	0	0	0	9,509	11,189	1176.5	1176.500
12/29/2025	12/30/2025	0	0	0	6,275	7,083	1126.5	1126.500
12/30/2025	12/31/2025	0	0	0	4,867	5,500	1130.3	1130.300
12/31/2025	1/1/2026	0	0	0	7,180	8,247	1148.2	1148.200
		9,122	9,818	312,7516	197,667	225,117	1135.2226	1133.5954



Alliance Pipeline

DAILY ANALYSIS --- USA
 ND07MD1 --- Hankinson Sales
 December 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	1,153.023	0.6591	84.3243	10.1256	3.3019	0.3268	0.5460	0.0551	0.0417	0.0158	0.8005	0.4512	0.0110
2	1,150.773	0.6577	84.5300	9.9962	3.2394	0.3255	0.5348	0.0550	0.0412	0.0157	0.7975	0.4536	0.0110
3	1,152.022	0.6586	84.3890	10.0713	3.2817	0.3276	0.5422	0.0538	0.0413	0.0157	0.8145	0.4517	0.0112
4	1,149.453	0.6570	84.5914	9.9796	3.1867	0.3237	0.5295	0.0539	0.0409	0.0153	0.8184	0.4498	0.0108
5	1,152.371	0.6590	84.3705	10.0552	3.2804	0.3324	0.5604	0.0554	0.0415	0.0162	0.8209	0.4574	0.0097
6	1,148.371	0.6563	84.7253	9.8908	3.1489	0.3247	0.5276	0.0554	0.0419	0.0159	0.7967	0.4628	0.0100
7	1,152.842	0.6588	84.4370	10.0170	3.2895	0.3392	0.5565	0.0571	0.0432	0.0165	0.7883	0.4454	0.0103
8	1,153.182	0.6591	84.3566	10.0825	3.3139	0.3333	0.5472	0.0561	0.0410	0.0164	0.8008	0.4417	0.0104
9	1,153.874	0.6599	84.2458	10.1155	3.3385	0.3367	0.5620	0.0566	0.0412	0.0160	0.8334	0.4440	0.0103
10	1,151.525	0.6580	84.4963	10.0058	3.2547	0.3314	0.5436	0.0548	0.0415	0.0167	0.8064	0.4384	0.0104
11	1,151.322	0.6582	84.4678	9.9831	3.2500	0.3383	0.5564	0.0551	0.0407	0.0164	0.8606	0.4218	0.0098
12	1,153.906	0.6595	84.3852	9.9943	3.2935	0.3506	0.5820	0.0637	0.0485	0.0207	0.8344	0.4166	0.0105
13	1,152.550	0.6589	84.3266	10.1033	3.3122	0.3299	0.5404	0.0526	0.0382	0.0150	0.8430	0.4285	0.0101
14	1,149.597	0.6570	84.6148	9.9299	3.2200	0.3230	0.5290	0.0543	0.0391	0.0163	0.8248	0.4386	0.0102
15	1,149.351	0.6566	84.5898	10.0272	3.1742	0.3131	0.5198	0.0542	0.0396	0.0173	0.8419	0.4129	0.0100
16	1,151.842	0.6585	84.3078	10.2209	3.2271	0.3190	0.5326	0.0536	0.0394	0.0167	0.8426	0.4304	0.0100
17	1,150.710	0.6576	84.4646	10.1096	3.1798	0.3240	0.5425	0.0520	0.0393	0.0176	0.8353	0.4250	0.0103
18	1,148.992	0.6565	84.6167	10.0173	3.1389	0.3184	0.5315	0.0512	0.0394	0.0176	0.8320	0.4265	0.0106
19	1,149.835	0.6567	84.6307	9.9628	3.1818	0.3257	0.5421	0.0523	0.0393	0.0166	0.8320	0.4065	0.0103
20	1,151.471	0.6580	84.4121	10.1162	3.2275	0.3270	0.5390	0.0530	0.0399	0.0158	0.8433	0.4163	0.0099
21	1,152.390	0.6587	84.3393	10.1297	3.2660	0.3298	0.5497	0.0528	0.0401	0.0157	0.8524	0.4149	0.0096
22	1,151.673	0.6584	84.3539	10.1187	3.2758	0.3235	0.5333	0.0510	0.0385	0.0150	0.8629	0.4177	0.0096
23	1,152.101	0.6588	84.3368	10.0887	3.2839	0.3305	0.5510	0.0529	0.0401	0.0145	0.8755	0.4165	0.0096
24	1,151.841	0.6585	84.3861	10.0614	3.2714	0.3306	0.5483	0.0530	0.0409	0.0165	0.8680	0.4142	0.0096
25	1,150.648	0.6573	84.5616	9.9654	3.2379	0.3268	0.5412	0.0525	0.0403	0.0163	0.8449	0.4034	0.0096
26	1,152.358	0.6585	84.4216	10.0169	3.2912	0.3330	0.5580	0.0539	0.0411	0.0166	0.8554	0.4027	0.0096
27	1,151.603	0.6578	84.5200	9.9722	3.2574	0.3334	0.5499	0.0555	0.0425	0.0173	0.8417	0.4004	0.0097
28	1,150.187	0.6562	84.7623	9.8795	3.1958	0.3281	0.5351	0.0550	0.0423	0.0180	0.7804	0.3935	0.0101
29	1,149.678	0.6563	84.7436	9.8626	3.1923	0.3298	0.5354	0.0556	0.0422	0.0177	0.8128	0.3978	0.0103
30	1,149.943	0.6570	84.6472	9.8783	3.2249	0.3292	0.5393	0.0569	0.0421	0.0172	0.8438	0.4112	0.0099
31	1,151.141	0.6576	84.6180	9.8431	3.2624	0.3381	0.5621	0.0590	0.0431	0.0173	0.8397	0.4070	0.0103
Volume	1,151.294	0.6579	84.4841	10.0200	3.2445	0.3291	0.5440	0.0546	0.0410	0.0165	0.8304	0.4257	0.0102
Weight Avg Energy	1,151.296	0.6579	84.4839	10.0200	3.2446	0.3291	0.5440	0.0546	0.0410	0.0165	0.8304	0.4257	0.0102



Alliance Pipeline

DAILY ANALYSIS --- USA
 ND14MD1 --- Milnor Sales
 December 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	1,152.658	0.6589	84.3507	10.1122	3.2890	0.3272	0.5436	0.0551	0.0417	0.0158	0.7995	0.4540	0.0111
2	1,150.552	0.6575	84.5631	9.9769	3.2349	0.3247	0.5335	0.0546	0.0410	0.0156	0.7938	0.4509	0.0110
3	1,152.104	0.6588	84.3753	10.0728	3.2847	0.3288	0.5439	0.0543	0.0414	0.0157	0.8177	0.4543	0.0112
4	1,149.255	0.6569	84.6063	9.9627	3.1855	0.3236	0.5297	0.0536	0.0408	0.0153	0.8218	0.4499	0.0108
5	1,152.171	0.6589	84.3971	10.0289	3.2803	0.3335	0.5612	0.0545	0.0413	0.0160	0.8203	0.4574	0.0097
6	1,148.332	0.6562	84.7327	9.8889	3.1469	0.3249	0.5271	0.0554	0.0419	0.0157	0.7961	0.4605	0.0100
7	1,153.643	0.6593	84.3682	10.0591	3.3092	0.3404	0.5604	0.0578	0.0436	0.0173	0.7879	0.4457	0.0104
8	1,153.057	0.6590	84.3724	10.0633	3.3166	0.3344	0.5473	0.0558	0.0407	0.0159	0.8024	0.4407	0.0104
9	1,153.814	0.6599	84.2315	10.1275	3.3340	0.3363	0.5620	0.0563	0.0413	0.0162	0.8405	0.4442	0.0103
10	1,151.311	0.6578	84.5302	9.9824	3.2496	0.3313	0.5436	0.0548	0.0415	0.0166	0.8041	0.4356	0.0104
11	1,151.854	0.6586	84.4032	10.0256	3.2614	0.3400	0.5582	0.0556	0.0409	0.0163	0.8668	0.4221	0.0099
12	1,153.767	0.6594	84.3979	9.9890	3.2934	0.3488	0.5802	0.0631	0.0480	0.0204	0.8324	0.4162	0.0106
13	1,152.635	0.6590	84.3145	10.1125	3.3158	0.3293	0.5392	0.0528	0.0384	0.0151	0.8402	0.4322	0.0100
14	1,148.697	0.6564	84.6820	9.8970	3.1907	0.3201	0.5251	0.0539	0.0388	0.0163	0.8296	0.4362	0.0103
15	1,149.790	0.6568	84.5528	10.0531	3.1858	0.3134	0.5212	0.0543	0.0396	0.0172	0.8408	0.4119	0.0098
16	1,151.580	0.6583	84.3381	10.2046	3.2186	0.3186	0.5311	0.0533	0.0395	0.0169	0.8375	0.4318	0.0100
17	1,150.722	0.6576	84.4624	10.1063	3.1810	0.3245	0.5440	0.0518	0.0392	0.0176	0.8389	0.4238	0.0103
18	1,148.827	0.6563	84.6453	9.9985	3.1338	0.3183	0.5308	0.0517	0.0396	0.0176	0.8272	0.4265	0.0106
19	1,149.824	0.6567	84.6250	9.9720	3.1782	0.3260	0.5411	0.0523	0.0393	0.0165	0.8348	0.4046	0.0102
20	1,151.427	0.6580	84.4151	10.1175	3.2248	0.3268	0.5390	0.0527	0.0398	0.0157	0.8434	0.4154	0.0098
21	1,152.082	0.6585	84.3608	10.1073	3.2669	0.3285	0.5466	0.0528	0.0399	0.0158	0.8553	0.4166	0.0096
22	1,151.865	0.6585	84.3363	10.1297	3.2805	0.3239	0.5346	0.0512	0.0386	0.0148	0.8630	0.4178	0.0096
23	1,152.224	0.6588	84.3231	10.1003	3.2856	0.3306	0.5512	0.0529	0.0402	0.0146	0.8763	0.4157	0.0096
24	1,151.292	0.6580	84.4544	10.0246	3.2561	0.3286	0.5447	0.0528	0.0408	0.0165	0.8603	0.4116	0.0096
25	1,150.986	0.6576	84.5221	9.9884	3.2480	0.3275	0.5432	0.0523	0.0402	0.0162	0.8494	0.4031	0.0096
26	1,152.395	0.6585	84.4279	10.0064	3.2924	0.3345	0.5594	0.0544	0.0414	0.0167	0.8544	0.4029	0.0096
27	1,151.381	0.6576	84.5449	9.9718	3.2470	0.3314	0.5458	0.0553	0.0425	0.0174	0.8360	0.3981	0.0097
28	1,150.062	0.6560	84.7978	9.8512	3.1921	0.3300	0.5360	0.0552	0.0424	0.0181	0.7732	0.3938	0.0102
29	1,149.618	0.6563	84.7263	9.8778	3.1911	0.3281	0.5339	0.0553	0.0420	0.0176	0.8193	0.3983	0.0103
30	1,150.027	0.6570	84.6352	9.8889	3.2249	0.3291	0.5391	0.0572	0.0423	0.0174	0.8450	0.4111	0.0098
31	1,151.204	0.6577	84.5924	9.8749	3.2597	0.3360	0.5587	0.0588	0.0431	0.0175	0.8404	0.4083	0.0101
Volume	1,151.281	0.6579	84.4822	10.0225	3.2434	0.3289	0.5437	0.0546	0.0410	0.0165	0.8289	0.4279	0.0102
Weight Avg Energy	1,151.288	0.6579	84.4817	10.0227	3.2436	0.3290	0.5438	0.0546	0.0410	0.0165	0.8289	0.4279	0.0102

December-25

ZONE 610

Watford City

		Watford City West Border			Watford City East Border			Weighted	
Start Date	End Date	MCF	DK	BTU Zone 25	MCF	DK	BTU Zone 43	AVG BTU	
12/1/2025	12/2/2025	505	605	1198.1	1,110	1,151	1036.8	1087.237	12/1/2025
12/2/2025	12/3/2025	464	556	1198.1	1,015	1,052	1036.8	1087.404	12/2/2025
12/3/2025	12/4/2025	566	678	1198.1	1,206	1,251	1036.8	1088.321	12/3/2025
12/4/2025	12/5/2025	402	481	1198.1	813	843	1036.8	1090.168	12/4/2025
12/5/2025	12/6/2025	463	555	1198.1	977	1,013	1036.8	1088.662	12/5/2025
12/6/2025	12/7/2025	581	696	1198.1	1,240	1,286	1036.8	1088.264	12/6/2025
12/7/2025	12/8/2025	541	648	1198.1	1,132	1,173	1036.8	1088.960	12/7/2025
12/8/2025	12/9/2025	379	455	1198.1	746	773	1036.8	1091.140	12/8/2025
12/9/2025	12/10/2025	469	562	1198.1	1,013	1,050	1036.8	1087.846	12/9/2025
12/10/2025	12/11/2025	479	574	1198.1	1,023	1,061	1036.8	1088.240	12/10/2025
12/11/2025	12/12/2025	535	641	1198.1	1,282	1,329	1036.8	1084.293	12/11/2025
12/12/2025	12/13/2025	674	808	1198.1	1,533	1,589	1036.8	1086.060	12/12/2025
12/13/2025	12/14/2025	622	745	1198.1	1,447	1,500	1036.8	1085.291	12/13/2025
12/14/2025	12/15/2025	404	484	1198.1	821	851	1036.8	1089.996	12/14/2025
12/15/2025	12/16/2025	330	395	1198.1	608	631	1036.8	1093.547	12/15/2025
12/16/2025	12/17/2025	355	425	1198.1	727	754	1036.8	1089.722	12/16/2025
12/17/2025	12/18/2025	465	557	1198.1	939	974	1036.8	1090.222	12/17/2025
12/18/2025	12/19/2025	578	693	1198.1	1,322	1,371	1036.8	1085.869	12/18/2025
12/19/2025	12/20/2025	473	567	1198.1	1,007	1,044	1036.8	1088.351	12/19/2025
12/20/2025	12/21/2025	520	623	1198.1	1,059	1,098	1036.8	1089.920	12/20/2025
12/21/2025	12/22/2025	409	490	1198.1	749	776	1036.8	1093.770	12/21/2025
12/22/2025	12/23/2025	443	531	1198.1	869	901	1036.8	1091.263	12/22/2025
12/23/2025	12/24/2025	455	546	1198.1	888	920	1036.8	1091.447	12/23/2025
12/24/2025	12/25/2025	467	559	1198.1	903	937	1036.8	1091.783	12/24/2025
12/25/2025	12/26/2025	424	508	1198.1	788	817	1036.8	1093.228	12/25/2025
12/26/2025	12/27/2025	352	422	1198.1	603	625	1036.8	1096.253	12/26/2025
12/27/2025	12/28/2025	581	696	1198.1	1,178	1,222	1036.8	1090.078	12/27/2025
12/28/2025	12/29/2025	679	813	1198.1	1,467	1,521	1036.8	1087.836	12/28/2025
12/29/2025	12/30/2025	459	550	1198.1	905	938	1036.8	1091.079	12/29/2025
12/30/2025	12/31/2025	372	446	1198.1	744	772	1036.8	1090.567	12/30/2025
12/31/2025	1/1/2026	481	576	1198.1	1,033	1,071	1036.8	1088.045	12/31/2025
		14,927	17,885	1198.1000	31,147	32,294	1036.8000	1089.5117	

NORTH DAKOTA HEATING VALUE ZONES		
ZONES	MEASURING DEVICE	LOCATION
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	DEC25	NOV25	OCT25	SEP25	AUG25	JUL25	JUN25	MAY25	APR25	MAR25	FEB25	JAN25
MT/ND	211	Sidney Border - MonDak Tfr - Sidney Plt	1187	1187	1191	1192	1190	1193	1186	1185	1181	1193	1186	1173	1183
ND	24	Williston Border - Charbonneau Station	1193	1188	1193	1197	1194	1202	1193	1191	1177	1194	1206	1197	1185
ND	25	Watford City West Border	1201	1198	1205	1190	1209	1206	1209	1202	1198	1198	1201	1206	1191
ND	28	Bismarck Station - Glen Ullin Station	1168	1135	1127	1195	1197	1208	1207	1205	1189	1172	1126	1116	1134
ND	31	Dickinson Brd - Belfield Trf - G Ullin Stn	1123	1130	1135	1149	1106	1087	1135	1110	1111	1110	1131	1129	1137
ND/MT	32	Cabin Creek Station - Belfied Transfer	1126	1112	1134	1115	1103	1130	1129	1136	1122	1135	1130	1133	1134
ND	33	Little Knife Plant	1161	1158	1157	1160	1161	1161	1160	1161	1163	1162	1162	1162	1164
ND	34	Badlands Plant/Bowman Border	1087	1113	1136	1087	1073	1071	1066	1065	1070	1067	1097	1097	1104
ND	43	Watford City East Border	1055	1037	1048	1044	1050	1052	1057	1044	1040	1041	1041	1094	1107
ND/MT	241	Fairview Border	1188	1188	1192	1181	1192	1199	1194	1186	1186	1186	1191	1182	1183
ND	267	North Tioga Transfer - Nesson Plant	1182	1168	1169	1173	1171	1171	1188	1183	1185	1188	1197	1197	1194
ND	261	Tioga Comp Station - Robinson Lake Plant	1198	1174	1187	1189	1204	1206	1206	1198	1197	1198	1204	1209	1198
ND	262	Minot Bdr - Palermo Bdr - Bismarck Stn	1205	1206	1206	1204	1205	1206	1206	1204	1203	1200	1205	1210	1207
ND	263	Lignite Plant	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
ND	264	Epping Border	1187	1180	1183	1180	1191	1193	1192	1180	1186	1186	1201	1202	1174
ND	265	Tioga Comp Station - County Line Plant	1194	1199	1203	1203	1203	1201	1204	1183	1180	1181	1184	1190	1191
ND	266	County Line Plant	1195	1189	1203	1207	1207	1210	1211	1186	1182	1182	1186	1193	1189
ND	271	Bismarck Station - Cleveland Station	1189	1175	1201	1173	1161	1208	1207	1205	1205	1201	1195	1158	1182
ND	272	Cleveland Station - Mapleton	1188	1175	1201	1173	1149	1207	1205	1204	1203	1200	1194	1157	1182
ND	273	Cleveland Station - Grafton Border	1186	1175	1201	1163	1149	1208	1205	1205	1202	1193	1194	1157	1182
ND	274	Felton(Viking) - Kindred-Wahpeton	1048	1050	1049	1043	1044	1043	1054	1047	1049	1046	1047	1050	1050
ND	550	Mandan Border / NBPL-St Anthony	1143	1134	1124	1194	1154	1147	1140	1155	1175	1165	1105	1102	1120
ND	610	MDU-Watford City BTU	1099	1090	1105	1105	1102	1113	1067	1055	1086	1100	1096	1131	1133
ND	802	NBPL - Linton	1082	1078	1084	1084	1082	1083	1086	1077	1077	1076	1080	1085	1093
ND	903	Hettinger Propane	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549
ND	600	Alliance Pipeline - Hankinson	1154	1151	1156	1158	1155	1155	1153	1151	1154	1153	1150	1153	1155
ND	601	Alliance Pipeline - Milnor	1154	1151	1156	1159	1155	1155	1153	1151	1155	1153	1150	1153	1154

THERMAL ZONE VARIANCE DOCUMENTATION		
December 2025		
<i>ZONE</i>	<i>BTU VARIANCE</i>	<i>REASON</i>
32	-22	Operational/Blend
34	-23	Operational/Blend
271	-26	Operational/Blend
272	-26	Operational/Blend
273	-26	Operational/Blend