



A Subsidiary of MDU Resources Group, Inc.

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November 20, 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 – September 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 are derived from the BTU values shown on Attachment B and were used for billing purposes in October 2025.
2. Attachment B consists of copies of the monthly Heating Value Test Reports received from our suppliers for the month of September 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 September 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
Oct-25

<u>Town</u>	<u>Heat Zone</u>	<u>Therm Factor</u>
MDU-303-ALEXANDER	025	1.1419
MDU-308-ARNEGARD	025	1.1419
MDU-314-APPLE VALLEY	271	1.1202
MDU-318-BEACH	032	1.0193
MDU-319-BELFIELD	032	1.0268
MDU-323-BERTHOLD	262	1.1391
MDU-327-BISMARCK	028	1.1549
MDU-330-BOWMAN	034	0.9843
MDU-337-BURLINGTON	262	1.1636
MDU-343-CARRINGTON	273	1.1656
MDU-719-CASSELTON	272	1.1164
MDU-344-CLEVELAND	272	1.1008
MDU-364-CAVALIER	273	1.1320
MDU-365-DAWSON	271	1.1123
MDU-368-DES LACS	262	1.1463
MDU-369-DICKINSON	031	1.0371
MDU-374-FT TOTTEN	273	1.1164
MDU-375-DEVILS LAKE	273	1.1164
MDU-379-BARLOW	273	1.1086
MDU-384-EPPING	264	1.1249
MDU-387-ELDRIDGE	272	1.1086
MDU-407-GLADSTONE	031	1.0371
MDU-411-GLEN ULLIN	031	1.0446
MDU-413-GOLVA	032	1.0043
MDU-416-GARRISON	262	1.1463
MDU-417-GRAFTON	273	1.1398
MDU-403-GWINNER	601	1.1380
MDU-429-HEBRON	031	1.0446
MDU-432-HETTINGER	903	2.3875
MDU-449-JAMESTOWN	272	1.1164
MDU-459-KILLDEER	033	1.0966
MDU-751-KINDRED	272	1.0144
MDU-463-LANGDON	273	1.1086
MDU-469-LEFOR	031	1.0371
MDU-474-LIGNITE	263	1.0759
MDU-475-LINTON	802	1.0440
MDU-478-LINCOLN	028	1.1549
MDU-488-MCKENZIE	271	1.1202
MDU-494-MEDINA	271	1.1123
MDU-498-MANDAN	028	1.1549
MDU-500-MARMARTH	034	0.9916
MDU-505-MINOT	262	1.1627
MDU-510-MOTT	031	1.0371
MDU-512-MAX	262	1.1627
MDU-513-MILNOR	601	1.1379
MDU-522-NEW ENGLAND	031	1.0296
MDU-524-NEW SALEM	028	1.1549
MDU-532-NEW ROCKFORD	273	1.1086
MDU-539-PARK RIVER	273	1.1320

MDU-540-PALERMO	262	1.1381
MDU-558-RAY	264	1.1249
MDU-561-REGENT	031	1.0296
MDU-563-RHAME	034	0.9770
MDU-564-RICHARDTON	031	1.0119
MDU-568-ROSS	261	1.1290
MDU-572-RUTHVILLE	262	1.1627
MDU-574-SANBORN	272	1.1164
MDU-583-SENTINEL BUTTE	032	1.0193
MDU-588-SOUTH HEART	031	1.0371
MDU-717-SPIRITWOOD	272	1.1164
MDU-590-SPRINGBROOK	264	1.1249
MDU-591-STANLEY	261	1.1372
MDU-593-STEELE	271	1.1123
MDU-594-STERLING	028	1.1549
MDU-598-SHEYENNE	273	1.1164
MDU-605-SURREY	262	1.1636
MDU-610-TAPPEN	271	1.1123
MDU-611-TAYLOR	031	1.0119
MDU-616-TIOGA	260	1.0981
MDU-619-TURTLE LAKE	262	1.1463
MDU-620-TRENTON	024	1.1358
MDU-624-UNDERWOOD	262	1.1463
MDU-625-VALLEY CITY	272	1.1242
MDU-629-WALHALLA	273	1.1320
MDU-632-WATFORD CITY	610	1.0408
MDU-104-WAHPETON	247	1.0242
MDU-636-WHEELLOCK	264	1.1168
MDU-637-WHITE EARTH	261	1.1372
MDU-642-WILLISTON	024	1.1358
MDU-646-WASHBURN	262	1.1545
MDU-647-WILTON	262	1.1381
MDU-664-RIVERDALE	262	1.1463
MDU-691-FAIRVIEW	241	1.1339
MDU-712-MINOT AFB	262	1.1627
MDU-718-FAIRMOUNT	600	1.1356
MDU-732-NEKOMA	273	1.1086
MDU-732-MSR SITE	273	1.1086

Source Daily Summary

September 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	0.7245	1173.5	1194.3	1193.2	1.206	3.356	70.395	21.134	3.404	0.143	0.308	0.021	0.021	0.011	0.000	0.000	0.000	0.000	1403.11	
2	0.7264	1177.4	1198.3	1197.4	1.159	3.372	70.015	21.477	3.475	0.143	0.307	0.021	0.021	0.010	0.000	0.000	0.000	0.000	1405.88	
3	0.7252	1177.9	1198.8	1197.9	1.176	3.209	70.352	21.261	3.482	0.147	0.317	0.022	0.022	0.011	0.000	0.000	0.000	0.000	1407.68	
4	0.7060	1170.0	1190.8	1190.0	1.159	3.098	71.015	21.076	3.162	0.138	0.298	0.021	0.022	0.011	0.000	0.000	0.000	0.000	1421.99	
5	0.7220	1174.1	1194.9	1194.2	1.190	3.116	70.505	21.639	3.098	0.129	0.274	0.020	0.019	0.011	0.000	0.000	0.000	0.000	1406.21	
6	0.7252	1179.2	1200.1	1199.3	1.176	3.122	70.157	21.734	3.308	0.142	0.304	0.022	0.023	0.011	0.000	0.000	0.000	0.000	1409.23	
7	0.7248	1179.0	1199.9	1199.0	1.170	3.098	70.456	21.303	3.433	0.150	0.326	0.025	0.026	0.012	0.000	0.000	0.000	0.000	1409.46	
8	0.7192	1171.8	1192.5	1191.6	1.165	3.026	71.113	21.127	3.107	0.130	0.278	0.021	0.021	0.011	0.000	0.000	0.000	0.000	1406.17	
9	0.7202	1169.9	1190.6	1189.8	1.164	2.974	70.659	21.847	2.924	0.122	0.262	0.019	0.019	0.011	0.000	0.000	0.000	0.000	1402.95	
10	0.7234	1172.0	1192.8	1191.6	1.223	3.316	70.327	21.519	3.139	0.135	0.287	0.021	0.020	0.012	0.000	0.000	0.000	0.000	1402.39	
11	0.7256	1173.3	1194.1	1192.9	1.245	3.415	69.901	21.784	3.187	0.134	0.284	0.019	0.019	0.011	0.000	0.000	0.000	0.000	1401.81	
12	0.7191	1169.4	1190.1	1189.0	1.021	3.385	70.793	21.317	3.062	0.122	0.256	0.017	0.017	0.010	0.000	0.000	0.000	0.000	1403.39	
13	0.7180	1169.0	1189.7	1188.7	0.952	3.416	70.845	21.386	2.991	0.118	0.249	0.017	0.017	0.010	0.000	0.000	0.000	0.000	1403.93	
14	0.7128	1163.3	1183.9	1183.0	0.886	3.371	71.429	21.283	2.674	0.104	0.215	0.015	0.015	0.009	0.000	0.000	0.000	0.000	1402.28	
15	0.7177	1171.8	1192.6	1191.3	1.008	3.223	69.980	22.664	2.536	0.102	0.209	0.015	0.014	0.011	0.000	0.000	0.000	0.000	1407.81	
16	0.7164	1164.4	1185.1	1184.1	1.052	3.381	70.855	21.667	2.692	0.105	0.211	0.014	0.013	0.011	0.000	0.000	0.000	0.000	1400.12	
17	0.7145	1165.8	1186.4	1185.6	0.953	3.292	71.105	21.550	2.737	0.107	0.217	0.015	0.014	0.010	0.000	0.000	0.000	0.000	1403.56	
18	0.7165	1163.9	1184.5	1183.7	1.125	3.316	70.387	21.755	2.756	0.114	0.234	0.017	0.016	0.012	0.000	0.000	0.000	0.000	1399.27	
19	0.7167	1165.7	1186.3	1185.5	1.071	3.307	71.022	21.429	2.772	0.116	0.238	0.017	0.016	0.011	0.000	0.000	0.000	0.000	1401.34	
20	0.7206	1164.9	1185.5	1184.6	1.170	3.580	69.938	22.211	2.748	0.105	0.210	0.014	0.012	0.012	0.000	0.000	0.000	0.000	1396.54	
21	0.7181	1162.0	1182.5	1181.6	1.191	3.483	70.904	21.175	2.843	0.116	0.240	0.018	0.017	0.013	0.000	0.000	0.000	0.000	1395.49	
22	0.7161	1166.0	1186.6	1185.7	1.139	3.130	71.288	21.239	2.790	0.118	0.247	0.018	0.018	0.012	0.000	0.000	0.000	0.000	1402.25	
23	0.7106	1162.2	1182.8	1182.0	1.037	3.005	71.937	20.962	2.681	0.108	0.226	0.017	0.017	0.011	0.000	0.000	0.000	0.000	1403.16	
24	0.7105	1163.2	1183.8	1182.9	1.001	2.992	72.053	20.953	2.631	0.106	0.221	0.017	0.017	0.010	0.000	0.000	0.000	0.000	1404.32	
25	0.7112	1162.6	1183.2	1182.2	1.124	2.898	72.269	20.539	2.758	0.116	0.246	0.019	0.019	0.012	0.000	0.000	0.000	0.000	1403.04	
26	0.7140	1166.0	1186.7	1185.9	1.025	3.104	71.692	20.897	2.856	0.121	0.254	0.019	0.019	0.011	0.000	0.000	0.000	0.000	1404.35	
27	0.7149	1167.2	1187.8	1187.0	1.107	2.987	71.887	20.553	2.971	0.135	0.295	0.024	0.026	0.014	0.000	0.000	0.000	0.000	1404.88	
28	0.7153	1163.7	1184.3	1183.4	1.162	3.160	71.883	20.231	3.088	0.134	0.288	0.021	0.022	0.011	0.000	0.000	0.000	0.000	1400.25	
29	0.7223	1174.2	1195.0	1194.0	1.175	3.155	70.842	20.951	3.352	0.144	0.319	0.024	0.025	0.013	0.000	0.000	0.000	0.000	1406.02	
30	0.7213	1171.0	1191.7	1190.7	1.162	3.272	70.960	20.760	3.344	0.141	0.308	0.021	0.022	0.011	0.000	0.000	0.000	0.000	1403.23	
Avg	0.7183	1169.0	1189.9	1188.9	1.113	3.219	70.899	21.314	3.000	0.125	0.264	0.019	0.019	0.011	0.000	0.000	0.000	0.000	1404.07	

Source Daily Summary

September 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	0.7275	1187.8	1208.8	1208.0	1.091	2.932	71.171	19.739	4.308	0.205	0.475	0.034	0.039	0.005	0.000	0.000	0.000	0.000	1417.21	
2	0.7289	1188.4	1209.4	1208.8	1.106	2.998	70.628	20.382	4.210	0.185	0.424	0.029	0.033	0.005	0.000	0.000	0.000	0.000	1416.65	
3	0.7203	1181.9	1202.9	1202.2	1.077	2.639	71.681	20.332	3.689	0.162	0.360	0.026	0.029	0.005	0.000	0.000	0.000	0.000	1417.26	
4	0.7149	1175.9	1196.7	1196.1	1.051	2.536	72.195	20.445	3.276	0.140	0.306	0.022	0.025	0.004	0.000	0.000	0.000	0.000	1415.42	
5	0.7191	1180.4	1201.3	1200.7	1.063	2.641	71.328	21.180	3.307	0.134	0.296	0.021	0.024	0.004	0.000	0.000	0.000	0.000	1416.62	
6	0.7219	1185.3	1206.3	1205.7	1.067	2.594	71.133	21.119	3.549	0.150	0.333	0.024	0.027	0.005	0.000	0.000	0.000	0.000	1419.83	
7	0.7223	1186.2	1207.3	1206.6	1.061	2.587	71.271	20.818	3.676	0.161	0.362	0.027	0.031	0.006	0.000	0.000	0.000	0.000	1420.49	
8	0.7097	1171.2	1192.0	1191.4	1.028	2.370	72.874	20.295	2.979	0.126	0.279	0.021	0.024	0.003	0.000	0.000	0.000	0.000	1414.93	
9	0.7169	1179.3	1200.2	1199.5	1.045	2.523	71.948	20.583	3.375	0.146	0.325	0.024	0.028	0.004	0.000	0.000	0.000	0.000	1417.54	
10	0.7284	1189.3	1210.4	1209.5	1.085	2.933	70.643	20.543	4.108	0.185	0.428	0.032	0.037	0.006	0.000	0.000	0.000	0.000	1418.19	
11	0.7259	1186.7	1207.7	1206.9	1.079	2.870	70.966	20.433	3.995	0.179	0.410	0.030	0.035	0.004	0.000	0.000	0.000	0.000	1417.49	
12	0.7264	1187.9	1208.9	1208.1	1.073	2.853	70.952	20.398	4.052	0.183	0.419	0.031	0.035	0.004	0.000	0.000	0.000	0.000	1418.39	
13	0.7248	1187.5	1208.5	1207.8	1.051	2.763	70.787	21.068	3.740	0.163	0.369	0.027	0.030	0.003	0.000	0.000	0.000	0.000	1419.52	
14	0.7106	1175.3	1196.1	1195.2	0.981	2.278	72.952	20.126	3.147	0.145	0.316	0.024	0.028	0.003	0.000	0.000	0.000	0.000	1418.94	
15	0.7029	1168.4	1189.1	1188.2	0.961	2.003	73.939	19.969	2.685	0.126	0.269	0.021	0.024	0.003	0.000	0.000	0.000	0.000	1418.35	
16	0.6974	1160.6	1181.2	1180.4	0.945	1.991	74.646	19.643	2.373	0.115	0.244	0.019	0.022	0.002	0.000	0.000	0.000	0.000	1414.39	
17	0.6990	1162.6	1183.2	1182.5	0.947	2.014	74.528	19.548	2.538	0.121	0.258	0.020	0.023	0.003	0.000	0.000	0.000	0.000	1415.23	
18	0.6972	1160.0	1180.5	1179.8	0.947	2.010	74.695	19.575	2.362	0.114	0.247	0.021	0.024	0.004	0.000	0.000	0.000	0.000	1413.79	
19	0.6991	1162.7	1183.3	1182.6	0.945	2.024	74.652	19.325	2.582	0.130	0.283	0.024	0.028	0.007	0.000	0.000	0.000	0.000	1415.19	
20	0.7011	1165.7	1186.4	1185.5	0.941	2.031	74.381	19.426	2.766	0.130	0.276	0.021	0.024	0.003	0.000	0.000	0.000	0.000	1416.85	
21	0.6995	1163.3	1183.9	1183.1	0.944	2.024	74.529	19.438	2.637	0.122	0.261	0.020	0.023	0.003	0.000	0.000	0.000	0.000	1415.54	
22	0.6956	1157.8	1178.3	1177.6	0.943	1.999	74.839	19.561	2.301	0.102	0.217	0.017	0.020	0.002	0.000	0.000	0.000	0.000	1412.79	
23	0.6920	1152.1	1172.5	1171.8	0.916	2.052	75.317	19.240	2.149	0.092	0.197	0.015	0.018	0.002	0.000	0.000	0.000	0.000	1409.44	
24	0.6949	1156.6	1177.1	1176.4	0.933	2.024	74.793	19.735	2.187	0.093	0.199	0.016	0.018	0.002	0.000	0.000	0.000	0.000	1412.01	
25	0.6962	1158.6	1179.1	1178.4	0.926	2.031	74.729	19.624	2.336	0.101	0.214	0.017	0.019	0.002	0.000	0.000	0.000	0.000	1413.13	
26	0.6999	1163.9	1184.5	1183.9	0.938	2.030	74.533	19.351	2.717	0.122	0.261	0.020	0.023	0.004	0.000	0.000	0.000	0.000	1415.92	
27	0.7012	1158.5	1179.1	1178.5	0.976	2.422	74.692	18.448	2.919	0.143	0.328	0.028	0.034	0.009	0.000	0.000	0.000	0.000	1407.97	
28	0.7098	1169.6	1190.3	1189.7	1.018	2.494	73.324	19.323	3.296	0.150	0.336	0.025	0.028	0.004	0.000	0.000	0.000	0.000	1412.78	
29	0.7212	1183.2	1204.1	1203.5	1.069	2.658	71.621	20.261	3.798	0.164	0.370	0.026	0.029	0.003	0.000	0.000	0.000	0.000	1417.86	
30	0.7228	1182.8	1203.7	1203.1	1.085	2.800	71.655	19.776	4.030	0.181	0.409	0.029	0.032	0.003	0.000	0.000	0.000	0.000	1415.88	
Avg	0.7109	1173.0	1193.8	1193.1	1.010	2.404	72.913	19.990	3.170	0.142	0.316	0.024	0.027	0.004	0.000	0.000	0.000	0.000	1415.85	

Source Daily Summary

September 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	0.6986	1158.3	1178.8	1178.3	0.979	2.191	74.196	20.004	2.305	0.092	0.197	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1410.38	-9.97
2	0.6965	1156.6	1177.1	1176.7	0.972	2.108	74.642	19.634	2.307	0.095	0.203	0.016	0.019	0.004	0.000	0.000	0.000	0.000	1410.48	-10.45
3	0.6893	1145.3	1165.5	1165.1	0.949	2.158	75.798	18.702	2.092	0.083	0.181	0.015	0.018	0.004	0.000	0.000	0.000	0.000	1403.88	-14.84
4	0.6893	1145.9	1166.2	1165.7	0.963	2.102	75.403	19.481	1.814	0.066	0.142	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1404.67	-17.08
5	0.6916	1149.6	1169.9	1169.5	0.962	2.097	75.080	19.677	1.929	0.071	0.154	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1406.83	-15.35
6	0.6908	1148.5	1168.9	1168.4	0.965	2.080	75.251	19.526	1.918	0.073	0.156	0.013	0.015	0.003	0.000	0.000	0.000	0.000	1406.36	-15.60
7	0.6888	1145.1	1165.4	1164.9	0.960	2.118	75.475	19.383	1.827	0.066	0.142	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1404.23	-17.20
8	0.7393	1173.8	1194.6	1194.1	0.996	5.042	68.390	20.268	4.719	0.156	0.371	0.025	0.028	0.006	0.000	0.000	0.000	0.000	1389.71	10.56
9	0.7095	1151.3	1171.6	1171.2	0.996	3.620	72.972	18.731	3.191	0.128	0.304	0.023	0.027	0.007	0.000	0.000	0.000	0.000	1391.51	-3.67
10	0.6943	1152.9	1173.3	1172.9	0.992	2.098	75.056	19.271	2.246	0.094	0.203	0.017	0.019	0.004	0.000	0.000	0.000	0.000	1408.16	-11.48
11	0.6941	1152.4	1172.8	1172.4	0.988	2.119	74.963	19.442	2.168	0.089	0.193	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1407.73	-12.15
12	0.6910	1147.1	1167.4	1166.9	0.983	2.162	75.658	18.635	2.240	0.089	0.193	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1404.29	-13.14
13	0.6913	1149.0	1169.4	1168.9	0.974	2.084	75.305	19.338	2.016	0.079	0.171	0.014	0.016	0.004	0.000	0.000	0.000	0.000	1406.44	-14.54
14	0.6923	1149.9	1170.3	1169.8	0.959	2.147	75.254	19.182	2.149	0.086	0.185	0.015	0.018	0.004	0.000	0.000	0.000	0.000	1406.49	-13.22
15	0.6921	1150.1	1170.5	1170.0	0.951	2.130	75.310	19.141	2.148	0.090	0.192	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1406.91	-13.02
16	0.6768	1123.4	1143.3	1142.8	0.824	2.512	77.631	17.109	1.678	0.069	0.148	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1389.44	-23.94
17	0.6878	1143.6	1163.9	1163.4	0.958	2.114	75.492	19.571	1.627	0.066	0.144	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1403.46	-18.44
18	0.6901	1147.4	1167.7	1167.2	0.957	2.095	75.256	19.693	1.711	0.076	0.171	0.016	0.020	0.006	0.000	0.000	0.000	0.000	1405.59	-15.71
19	0.6897	1147.1	1167.4	1167.0	0.941	2.099	75.346	19.539	1.817	0.072	0.155	0.013	0.015	0.003	0.000	0.000	0.000	0.000	1405.75	-16.49
20	0.6910	1149.7	1170.1	1169.6	0.929	2.084	75.156	19.660	1.913	0.073	0.155	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1407.60	-15.54
21	0.6889	1146.3	1166.6	1166.1	0.940	2.079	75.386	19.611	1.757	0.064	0.135	0.011	0.013	0.003	0.000	0.000	0.000	0.000	1405.52	-17.66
22	0.6948	1149.2	1169.6	1169.1	0.941	2.447	74.528	19.742	2.080	0.073	0.160	0.013	0.015	0.003	0.000	0.000	0.000	0.000	1403.36	-14.45
23	0.7401	1174.9	1195.7	1195.2	0.981	5.073	68.162	20.487	4.740	0.147	0.354	0.023	0.026	0.006	0.000	0.000	0.000	0.000	1390.18	10.69
24	0.7183	1161.6	1182.1	1181.7	0.951	3.884	71.248	19.998	3.502	0.112	0.262	0.018	0.020	0.005	0.000	0.000	0.000	0.000	1395.35	-1.21
25	0.7031	1154.2	1174.6	1174.1	0.941	2.925	73.436	19.756	2.606	0.091	0.207	0.016	0.018	0.004	0.000	0.000	0.000	0.000	1401.19	-8.97
26	0.6917	1148.6	1168.9	1168.5	0.958	2.179	75.047	19.618	1.951	0.069	0.148	0.012	0.015	0.003	0.000	0.000	0.000	0.000	1405.43	-15.41
27	0.6908	1148.4	1168.8	1168.4	0.952	2.123	75.118	19.672	1.893	0.068	0.144	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1406.19	-15.97
28	0.6912	1148.5	1168.9	1168.5	0.952	2.135	75.100	19.669	1.900	0.068	0.145	0.012	0.014	0.003	0.000	0.000	0.000	0.000	1405.97	-15.87
29	0.6904	1147.1	1167.4	1167.0	0.947	2.161	75.477	19.062	2.088	0.074	0.159	0.013	0.015	0.003	0.000	0.000	0.000	0.000	1404.92	-15.07
30	0.6948	1153.8	1174.2	1173.8	0.951	2.153	74.768	19.641	2.189	0.083	0.180	0.015	0.017	0.004	0.000	0.000	0.000	0.000	1408.75	-12.26
Avg	0.6963	1151.0	1171.0	1170.6	0.957	2.477	74.530	19.441	2.284	0.085	0.189	0.015	0.017	0.004	0.000	0.000	0.000	0.000	1403.56	-12.25

Source Daily Summary

September 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	0.7562	1183.2	1204.2	1203.4	1.002	6.037	65.952	20.647	5.690	0.176	0.427	0.029	0.033	0.008	0.000	0.000	0.000	0.000	1384.77	
2	0.7540	1178.2	1199.1	1198.6	0.993	6.151	66.521	19.903	5.682	0.194	0.477	0.032	0.037	0.009	0.000	0.000	0.000	0.000	1380.88	
3	0.7558	1183.3	1204.2	1203.8	0.998	6.006	66.034	20.583	5.707	0.176	0.427	0.028	0.032	0.008	0.000	0.000	0.000	0.000	1385.16	
4	0.7572	1185.8	1206.8	1206.4	0.996	5.986	65.882	20.650	5.795	0.180	0.440	0.030	0.034	0.008	0.000	0.000	0.000	0.000	1386.84	
5	0.7572	1185.7	1206.7	1206.4	0.997	5.991	65.894	20.619	5.805	0.179	0.443	0.030	0.034	0.009	0.000	0.000	0.000	0.000	1386.74	
6	0.7568	1184.3	1205.2	1204.8	0.998	6.042	65.899	20.612	5.769	0.176	0.433	0.029	0.033	0.008	0.000	0.000	0.000	0.000	1385.36	
7	0.7573	1185.1	1206.1	1205.6	0.999	6.026	65.798	20.757	5.738	0.177	0.436	0.029	0.033	0.008	0.000	0.000	0.000	0.000	1385.99	
8	0.7584	1187.1	1208.1	1207.4	1.007	6.007	65.698	20.768	5.807	0.187	0.453	0.030	0.034	0.008	0.000	0.000	0.000	0.000	1387.19	
9	0.7557	1181.3	1202.2	1201.5	0.997	6.106	66.319	20.079	5.715	0.205	0.497	0.034	0.039	0.010	0.000	0.000	0.000	0.000	1382.96	
10	0.7534	1178.7	1199.5	1198.8	0.988	6.074	66.718	19.776	5.647	0.208	0.504	0.035	0.040	0.011	0.000	0.000	0.000	0.000	1381.94	
11	0.7567	1184.7	1205.7	1204.9	0.991	6.013	66.035	20.451	5.785	0.188	0.461	0.031	0.035	0.009	0.000	0.000	0.000	0.000	1386.01	
12	0.7558	1182.9	1203.9	1203.1	0.994	6.033	66.221	20.262	5.745	0.193	0.474	0.032	0.037	0.009	0.000	0.000	0.000	0.000	1384.72	
13	0.7585	1188.1	1209.2	1208.6	0.996	5.963	65.835	20.575	5.882	0.193	0.477	0.033	0.037	0.009	0.000	0.000	0.000	0.000	1388.38	
14	0.7537	1178.8	1199.7	1199.2	0.990	6.087	66.651	19.823	5.670	0.201	0.492	0.035	0.040	0.011	0.000	0.000	0.000	0.000	1381.88	
15	0.7570	1186.7	1207.7	1207.2	0.996	5.912	65.904	20.743	5.753	0.180	0.439	0.030	0.034	0.008	0.000	0.000	0.000	0.000	1388.02	
16	0.7386	1163.2	1183.8	1183.2	0.895	5.773	68.844	18.710	5.149	0.162	0.399	0.028	0.032	0.008	0.000	0.000	0.000	0.000	1377.30	
17	0.7569	1186.6	1207.6	1207.0	0.991	5.920	65.940	20.690	5.752	0.181	0.450	0.031	0.036	0.010	0.000	0.000	0.000	0.000	1387.99	
18	0.7580	1188.2	1209.2	1208.8	0.996	5.911	65.768	20.824	5.801	0.180	0.446	0.030	0.035	0.009	0.000	0.000	0.000	0.000	1388.94	
19	0.7566	1184.7	1205.7	1205.2	0.994	5.994	65.917	20.686	5.739	0.175	0.428	0.028	0.032	0.008	0.000	0.000	0.000	0.000	1386.13	
20	0.7545	1181.8	1202.7	1202.1	0.997	5.978	66.194	20.547	5.629	0.174	0.416	0.027	0.031	0.008	0.000	0.000	0.000	0.000	1384.60	
21	0.7549	1182.0	1203.0	1202.3	0.997	5.998	66.079	20.659	5.622	0.171	0.409	0.027	0.030	0.007	0.000	0.000	0.000	0.000	1384.54	
22	0.7541	1180.6	1201.5	1200.9	0.998	6.006	66.381	20.275	5.643	0.185	0.442	0.029	0.033	0.008	0.000	0.000	0.000	0.000	1383.60	
23	0.7571	1185.9	1206.9	1206.3	1.000	5.961	65.870	20.739	5.736	0.179	0.442	0.030	0.034	0.009	0.000	0.000	0.000	0.000	1387.07	
24	0.7556	1183.8	1204.8	1204.1	1.000	5.952	66.019	20.709	5.654	0.174	0.425	0.028	0.031	0.008	0.000	0.000	0.000	0.000	1385.98	
25	0.7575	1186.1	1207.1	1206.6	0.995	5.995	65.942	20.525	5.805	0.190	0.469	0.032	0.037	0.010	0.000	0.000	0.000	0.000	1386.92	
26	0.7580	1187.7	1208.8	1208.3	0.995	5.948	65.747	20.807	5.807	0.182	0.441	0.030	0.034	0.009	0.000	0.000	0.000	0.000	1388.33	
27	0.7556	1183.0	1203.9	1203.4	0.997	6.008	66.052	20.587	5.680	0.178	0.426	0.029	0.033	0.009	0.000	0.000	0.000	0.000	1384.98	
28	0.7545	1179.3	1200.2	1199.6	0.995	6.131	66.438	19.988	5.698	0.196	0.473	0.033	0.038	0.010	0.000	0.000	0.000	0.000	1381.68	
29	0.7546	1180.6	1201.5	1201.0	0.994	6.062	66.414	20.091	5.693	0.193	0.473	0.032	0.037	0.010	0.000	0.000	0.000	0.000	1383.11	
30	0.7583	1187.8	1208.8	1208.2	0.998	5.954	65.757	20.766	5.811	0.184	0.453	0.031	0.036	0.010	0.000	0.000	0.000	0.000	1388.20	
Avg	0.7556	1183.0	1204.1	1203.6	0.993	6.001	66.157	20.428	5.714	0.184	0.449	0.030	0.035	0.009	0.000	0.000	0.000	0.000	1385.21	

Source Daily Summary

September 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	0.7584	1184.7	1205.7	1205.1	1.023	6.118	65.698	20.632	5.834	0.184	0.442	0.030	0.034	0.005	0.000	0.000	0.000	0.000	1384.53	
2	0.7565	1180.6	1201.5	1200.9	1.017	6.205	66.118	20.114	5.812	0.195	0.466	0.032	0.036	0.007	0.000	0.000	0.000	0.000	1381.35	
3	0.7572	1182.8	1203.8	1203.3	1.019	6.131	65.864	20.504	5.801	0.180	0.432	0.029	0.033	0.007	0.000	0.000	0.000	0.000	1383.37	
4	0.7583	1183.9	1204.9	1204.4	1.016	6.171	65.703	20.566	5.856	0.182	0.436	0.030	0.033	0.007	0.000	0.000	0.000	0.000	1383.67	
5	0.7584	1185.0	1206.0	1205.5	1.012	6.116	65.658	20.692	5.844	0.179	0.431	0.028	0.032	0.007	0.000	0.000	0.000	0.000	1384.89	
6	0.7583	1184.5	1205.4	1204.9	1.012	6.146	65.656	20.676	5.828	0.181	0.433	0.028	0.032	0.007	0.000	0.000	0.000	0.000	1384.27	
7	0.7600	1187.4	1208.4	1207.9	1.018	6.117	65.461	20.787	5.907	0.188	0.451	0.030	0.034	0.007	0.000	0.000	0.000	0.000	1386.14	
8	0.7591	1185.2	1206.2	1205.6	1.028	6.152	65.594	20.664	5.849	0.190	0.453	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1384.38	
9	0.7576	1182.6	1203.6	1203.0	1.009	6.198	66.042	20.117	5.832	0.215	0.506	0.035	0.039	0.007	0.000	0.000	0.000	0.000	1382.72	
10	0.7554	1179.6	1200.5	1199.9	1.005	6.180	66.444	19.786	5.787	0.211	0.506	0.035	0.040	0.008	0.000	0.000	0.000	0.000	1381.20	
11	0.7578	1184.0	1205.0	1204.4	1.010	6.123	65.900	20.386	5.847	0.195	0.467	0.032	0.036	0.006	0.000	0.000	0.000	0.000	1384.26	
12	0.7560	1180.9	1201.8	1201.2	1.014	6.146	66.162	20.182	5.763	0.194	0.466	0.032	0.036	0.005	0.000	0.000	0.000	0.000	1382.18	
13	0.7575	1183.7	1204.6	1204.1	1.011	6.122	65.932	20.370	5.833	0.193	0.465	0.032	0.036	0.007	0.000	0.000	0.000	0.000	1384.06	
14	0.7588	1187.2	1208.3	1207.7	1.017	6.016	65.654	20.748	5.866	0.184	0.445	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1387.05	
15	0.7611	1191.0	1212.1	1211.6	1.017	5.998	65.379	20.892	5.985	0.191	0.464	0.032	0.036	0.007	0.000	0.000	0.000	0.000	1389.39	
16	0.7566	1181.9	1202.8	1202.3	1.017	6.132	65.873	20.597	5.718	0.177	0.422	0.028	0.032	0.005	0.000	0.000	0.000	0.000	1382.86	
17	0.7566	1182.0	1202.9	1202.3	1.016	6.131	65.859	20.615	5.719	0.176	0.420	0.027	0.031	0.006	0.000	0.000	0.000	0.000	1382.92	
18	0.7585	1185.9	1206.9	1206.3	1.014	6.076	65.651	20.733	5.837	0.182	0.438	0.029	0.033	0.006	0.000	0.000	0.000	0.000	1385.76	
19	0.7574	1183.7	1204.7	1204.1	1.016	6.100	65.803	20.618	5.785	0.181	0.433	0.028	0.032	0.006	0.000	0.000	0.000	0.000	1384.25	
20	0.7566	1182.8	1203.8	1203.2	1.016	6.081	65.863	20.655	5.726	0.177	0.421	0.027	0.030	0.004	0.000	0.000	0.000	0.000	1383.90	
21	0.7565	1182.5	1203.5	1202.9	1.016	6.093	65.846	20.684	5.706	0.176	0.419	0.027	0.030	0.003	0.000	0.000	0.000	0.000	1383.63	
22	0.7552	1179.3	1200.2	1199.7	1.017	6.157	66.211	20.211	5.704	0.189	0.448	0.029	0.032	0.004	0.000	0.000	0.000	0.000	1381.13	
23	0.7579	1184.5	1205.4	1204.9	1.020	6.092	65.724	20.702	5.776	0.182	0.437	0.029	0.033	0.006	0.000	0.000	0.000	0.000	1384.68	
24	0.7576	1184.1	1205.0	1204.5	1.019	6.094	65.730	20.717	5.768	0.180	0.429	0.028	0.031	0.005	0.000	0.000	0.000	0.000	1384.45	
25	0.7588	1186.0	1207.0	1206.4	1.015	6.097	65.677	20.632	5.858	0.191	0.458	0.031	0.035	0.007	0.000	0.000	0.000	0.000	1385.56	
26	0.7592	1186.9	1208.0	1207.4	1.011	6.078	65.581	20.751	5.878	0.185	0.446	0.030	0.033	0.006	0.000	0.000	0.000	0.000	1386.36	
27	0.7559	1180.7	1201.6	1201.1	1.014	6.151	65.996	20.463	5.705	0.179	0.426	0.028	0.031	0.006	0.000	0.000	0.000	0.000	1382.02	
28	0.7569	1181.8	1202.8	1202.2	1.014	6.175	65.975	20.319	5.803	0.190	0.455	0.030	0.034	0.005	0.000	0.000	0.000	0.000	1382.45	
29	0.7577	1183.3	1204.3	1203.8	1.012	6.152	65.947	20.293	5.853	0.197	0.471	0.032	0.036	0.007	0.000	0.000	0.000	0.000	1383.54	
30	0.7605	1188.9	1209.9	1209.4	1.019	6.073	65.428	20.821	5.935	0.189	0.460	0.032	0.036	0.007	0.000	0.000	0.000	0.000	1387.39	
Avg	0.7577	1184.0	1204.9	1204.3	1.016	6.121	65.814	20.531	5.814	0.187	0.448	0.030	0.034	0.006	0.000	0.000	0.000	0.000	1384.15	

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:

Tech: Cylinder:

Remarks:

Source Daily Summary

September 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	0.7327	1182.0	1202.9	1202.4	1.047	3.838	69.340	21.191	3.935	0.171	0.406	0.029	0.034	0.009	0.000	0.000	0.000	0.000	1405.39	
2	0.7339	1184.1	1205.1	1204.6	1.047	3.821	69.255	21.197	3.984	0.180	0.435	0.033	0.039	0.010	0.000	0.000	0.000	0.000	1406.76	
3	0.7323	1180.5	1201.4	1200.9	1.044	3.898	69.264	21.355	3.813	0.166	0.391	0.028	0.033	0.008	0.000	0.000	0.000	0.000	1403.93	
4	0.7320	1184.3	1205.2	1204.7	1.062	3.614	69.236	21.751	3.737	0.158	0.375	0.028	0.032	0.008	0.000	0.000	0.000	0.000	1408.76	
5	0.7303	1177.7	1198.6	1198.1	1.036	3.890	69.778	20.761	3.880	0.170	0.407	0.031	0.037	0.010	0.000	0.000	0.000	0.000	1402.60	
6	0.7335	1183.2	1204.2	1203.7	1.057	3.823	69.256	21.250	3.932	0.177	0.428	0.031	0.036	0.009	0.000	0.000	0.000	0.000	1406.08	
7	0.7335	1184.1	1205.1	1204.6	1.056	3.780	69.237	21.346	3.878	0.180	0.444	0.032	0.038	0.009	0.000	0.000	0.000	0.000	1407.02	
8	0.7337	1183.0	1203.9	1203.4	1.064	3.846	69.354	21.042	3.966	0.186	0.457	0.034	0.040	0.010	0.000	0.000	0.000	0.000	1405.59	
9	0.7326	1182.7	1203.7	1203.2	1.058	3.774	69.553	20.958	3.916	0.187	0.464	0.036	0.043	0.011	0.000	0.000	0.000	0.000	1406.26	
10	0.7309	1177.2	1198.0	1197.5	1.045	3.971	69.888	20.418	3.927	0.191	0.469	0.036	0.044	0.011	0.000	0.000	0.000	0.000	1401.29	
11	0.7325	1180.3	1201.2	1200.7	1.035	3.946	69.668	20.522	4.110	0.183	0.448	0.035	0.042	0.010	0.000	0.000	0.000	0.000	1403.50	
12	0.7300	1177.0	1197.8	1197.3	1.045	3.894	70.144	20.192	3.973	0.191	0.473	0.036	0.042	0.010	0.000	0.000	0.000	0.000	1401.94	
13	0.7250	1170.0	1190.8	1190.2	1.045	3.853	70.739	20.008	3.653	0.176	0.437	0.035	0.043	0.010	0.000	0.000	0.000	0.000	1398.46	
14	0.7240	1164.8	1185.4	1184.9	1.053	4.061	70.827	19.808	3.554	0.173	0.431	0.036	0.044	0.012	0.000	0.000	0.000	0.000	1393.22	
15	0.7258	1166.7	1187.3	1186.8	1.074	4.090	70.548	19.963	3.616	0.177	0.441	0.035	0.043	0.011	0.000	0.000	0.000	0.000	1393.67	
16	0.7253	1176.7	1197.6	1197.0	0.965	3.580	72.050	18.085	4.279	0.238	0.635	0.063	0.081	0.022	0.000	0.000	0.000	0.000	1405.79	
17	0.7336	1191.7	1212.8	1212.3	1.068	3.291	70.410	19.979	4.283	0.211	0.564	0.063	0.088	0.043	0.000	0.000	0.000	0.000	1415.97	
18	0.7320	1189.1	1210.2	1209.7	1.121	3.230	69.956	20.959	3.980	0.179	0.454	0.043	0.056	0.022	0.000	0.000	0.000	0.000	1414.45	
19	0.7441	1207.7	1229.1	1228.6	1.109	3.242	69.129	20.476	5.004	0.246	0.626	0.059	0.078	0.032	0.000	0.000	0.000	0.000	1424.84	
20	0.7356	1193.8	1214.9	1214.4	1.100	3.306	70.231	19.873	4.522	0.226	0.574	0.057	0.077	0.034	0.000	0.000	0.000	0.000	1416.51	
21	0.7289	1183.1	1204.0	1203.5	1.110	3.323	70.714	20.036	4.026	0.184	0.465	0.047	0.065	0.031	0.000	0.000	0.000	0.000	1410.23	
22	0.7125	1153.9	1174.3	1173.8	1.079	3.610	73.297	17.723	3.621	0.163	0.399	0.036	0.049	0.022	0.000	0.000	0.000	0.000	1391.18	
23	0.7221	1168.3	1189.0	1188.5	1.125	3.559	71.676	19.137	3.787	0.168	0.424	0.042	0.058	0.025	0.000	0.000	0.000	0.000	1399.22	
24	0.7274	1179.2	1200.1	1199.6	1.143	3.368	70.604	20.413	3.766	0.164	0.417	0.042	0.057	0.026	0.000	0.000	0.000	0.000	1407.05	
25	0.7365	1194.9	1216.0	1215.5	1.135	3.281	69.521	21.024	4.178	0.192	0.499	0.054	0.076	0.041	0.000	0.000	0.000	0.000	1416.90	
26	0.7323	1185.4	1206.4	1205.9	1.086	3.533	69.991	20.581	3.983	0.193	0.491	0.049	0.065	0.027	0.000	0.000	0.000	0.000	1409.78	
27	0.7337	1187.8	1208.9	1208.4	1.085	3.517	69.771	20.755	4.044	0.197	0.497	0.048	0.064	0.023	0.000	0.000	0.000	0.000	1411.32	
28	0.7375	1194.9	1216.1	1215.6	1.088	3.446	69.133	21.365	4.095	0.207	0.529	0.050	0.065	0.023	0.000	0.000	0.000	0.000	1416.00	
29	0.7352	1190.5	1211.6	1211.2	1.092	3.476	69.492	21.089	4.010	0.197	0.508	0.048	0.063	0.023	0.000	0.000	0.000	0.000	1413.11	
30	0.7326	1187.0	1208.0	1207.6	1.085	3.469	69.688	21.111	3.873	0.186	0.474	0.042	0.053	0.018	0.000	0.000	0.000	0.000	1411.38	
Avg	0.7311	1182.0	1203.0	1202.5	1.072	3.644	70.058	20.479	3.978	0.187	0.469	0.041	0.053	0.019	0.000	0.000	0.000	0.000	1406.94	

Source Daily Summary

September 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	0.7560	1185.0	1206.0	1204.7	0.960	5.979	66.120	20.432	5.807	0.182	0.451	0.029	0.031	0.009	0.000	0.000	0.000	0.000	1386.98	
2	0.7511	1173.4	1194.2	1193.3	0.950	6.236	67.212	19.080	5.705	0.210	0.523	0.034	0.038	0.011	0.000	0.000	0.000	0.000	1377.87	
3	0.7565	1186.1	1207.1	1206.5	0.959	5.953	66.090	20.431	5.861	0.182	0.455	0.029	0.031	0.009	0.000	0.000	0.000	0.000	1387.91	
4	0.7566	1185.4	1206.4	1205.7	0.956	6.012	66.042	20.419	5.874	0.180	0.449	0.028	0.031	0.008	0.000	0.000	0.000	0.000	1386.97	
5	0.7566	1186.2	1207.2	1206.6	0.957	5.964	66.005	20.535	5.853	0.178	0.442	0.028	0.030	0.008	0.000	0.000	0.000	0.000	1387.88	
6	0.7569	1186.5	1207.6	1206.8	0.957	5.977	65.970	20.538	5.860	0.181	0.451	0.028	0.031	0.008	0.000	0.000	0.000	0.000	1387.95	
7	0.7573	1186.8	1207.9	1206.6	0.960	5.982	65.938	20.547	5.861	0.184	0.458	0.029	0.032	0.009	0.000	0.000	0.000	0.000	1388.01	
8	0.7577	1187.2	1208.3	1206.9	0.970	5.985	65.927	20.494	5.893	0.191	0.470	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1388.06	
9	0.7553	1182.7	1203.7	1202.2	0.951	6.061	66.548	19.776	5.831	0.218	0.531	0.035	0.038	0.011	0.000	0.000	0.000	0.000	1384.97	
10	0.7535	1180.4	1201.3	1199.8	0.948	6.041	66.908	19.457	5.802	0.218	0.539	0.036	0.039	0.011	0.000	0.000	0.000	0.000	1383.84	
11	0.7557	1184.8	1205.8	1204.3	0.952	5.977	66.329	20.130	5.857	0.196	0.486	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1387.00	
12	0.7556	1184.6	1205.5	1204.4	0.955	5.968	66.370	20.098	5.849	0.196	0.488	0.031	0.034	0.010	0.000	0.000	0.000	0.000	1386.89	
13	0.7555	1184.4	1205.4	1204.4	0.953	5.975	66.395	20.068	5.840	0.198	0.493	0.032	0.035	0.010	0.000	0.000	0.000	0.000	1386.75	
14	0.7577	1189.8	1210.8	1209.9	0.956	5.855	65.925	20.632	5.911	0.186	0.464	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1391.00	
15	0.7594	1192.4	1213.5	1211.7	0.956	5.848	65.729	20.728	5.992	0.191	0.480	0.031	0.035	0.010	0.000	0.000	0.000	0.000	1392.55	
16	0.7424	1188.0	1209.1	1198.1	0.967	6.007	65.313	20.706	5.896	0.293	0.704	0.048	0.053	0.011	0.000	0.000	0.000	0.000	1403.90	
17	0.7577	1189.0	1210.1	1208.8	0.955	5.901	65.910	20.614	5.897	0.185	0.466	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.13	
18	0.7568	1187.4	1208.4	1207.2	0.953	5.918	65.993	20.586	5.849	0.181	0.452	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1389.07	
19	0.7554	1184.6	1205.5	1204.3	0.955	5.955	66.187	20.430	5.786	0.179	0.444	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1387.04	
20	0.7541	1183.0	1203.9	1202.6	0.952	5.936	66.320	20.420	5.709	0.174	0.429	0.026	0.028	0.007	0.000	0.000	0.000	0.000	1386.37	
21	0.7529	1181.9	1202.8	1201.8	0.951	5.888	66.578	20.221	5.692	0.175	0.433	0.026	0.028	0.007	0.000	0.000	0.000	0.000	1386.23	
22	0.6172	1053.5	1072.2	1071.4	0.625	1.466	89.028	7.591	1.151	0.037	0.088	0.005	0.006	0.002	0.000	0.000	0.000	0.000	1364.87	
23	0.5872	1025.8	1044.0	1043.3	0.557	0.437	93.982	4.880	0.133	0.005	0.006	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1362.36	
24	0.5878	1026.2	1044.4	1043.7	0.565	0.451	93.935	4.854	0.180	0.007	0.008	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1362.23	
25	0.5897	1028.9	1047.1	1046.5	0.574	0.452	93.676	4.994	0.278	0.013	0.011	0.001	0.000	0.001	0.000	0.000	0.000	0.000	1363.60	
26	0.6175	1054.5	1073.2	1072.6	0.639	1.407	89.026	7.603	1.192	0.038	0.083	0.005	0.005	0.002	0.000	0.000	0.000	0.000	1366.04	
27	0.6209	1057.6	1076.4	1075.7	0.659	1.503	88.449	7.982	1.258	0.040	0.094	0.006	0.006	0.003	0.000	0.000	0.000	0.000	1366.60	
28	0.5878	1025.6	1043.7	1043.1	0.566	0.488	93.875	4.927	0.130	0.005	0.007	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1361.41	
29	0.5866	1024.3	1042.4	1041.8	0.550	0.486	94.092	4.727	0.131	0.005	0.008	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1360.98	
30	0.5869	1024.3	1042.5	1041.8	0.566	0.479	94.062	4.746	0.134	0.005	0.007	0.000	0.000	0.001	0.000	0.000	0.000	0.000	1360.80	
Avg	0.7081	1140.0	1160.5	1159.2	0.846	4.420	73.998	15.955	4.240	0.141	0.347	0.022	0.024	0.007	0.000	0.000	0.000	0.000	1380.54	

Source Daily Summary

September 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	0.7560	1184.9	1205.9	1205.0	0.960	5.980	66.130	20.432	5.806	0.182	0.451	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1386.95	
2	0.7511	1173.3	1194.1	1193.7	0.950	6.238	67.231	19.072	5.703	0.210	0.523	0.034	0.038	0.000	0.000	0.000	0.000	0.000	1377.80	
3	0.7565	1186.2	1207.2	1206.9	0.959	5.952	66.094	20.434	5.863	0.182	0.455	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1387.96	
4	0.7559	1184.3	1205.3	1205.0	0.955	6.012	66.052	20.419	5.874	0.180	0.449	0.028	0.031	0.000	0.000	0.000	0.000	0.000	1386.32	
5	0.7566	1185.8	1206.8	1206.5	0.957	5.964	66.013	20.535	5.853	0.178	0.442	0.028	0.030	0.000	0.000	0.000	0.000	0.000	1387.41	
6	0.7570	1186.6	1207.6	1207.3	0.957	5.977	65.977	20.538	5.860	0.181	0.451	0.028	0.031	0.000	0.000	0.000	0.000	0.000	1387.95	
7	0.7572	1186.8	1207.8	1207.5	0.960	5.982	65.947	20.547	5.861	0.184	0.458	0.029	0.032	0.000	0.000	0.000	0.000	0.000	1388.01	
8	0.7577	1187.2	1208.3	1207.9	0.970	5.984	65.935	20.494	5.893	0.191	0.470	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1388.06	
9	0.7553	1182.7	1203.7	1203.4	0.951	6.061	66.559	19.776	5.831	0.218	0.531	0.035	0.038	0.000	0.000	0.000	0.000	0.000	1384.97	
10	0.7535	1180.4	1201.3	1198.5	0.948	6.041	66.923	19.450	5.804	0.219	0.540	0.036	0.040	0.000	0.000	0.000	0.000	0.000	1383.84	
11	0.7557	1184.8	1205.8	1205.5	0.952	5.977	66.338	20.130	5.857	0.196	0.486	0.031	0.034	0.000	0.000	0.000	0.000	0.000	1387.00	
12	0.7556	1184.6	1205.6	1205.2	0.955	5.968	66.379	20.099	5.849	0.196	0.488	0.031	0.034	0.000	0.000	0.000	0.000	0.000	1386.90	
13	0.7555	1184.4	1205.4	1205.0	0.953	5.975	66.405	20.068	5.840	0.198	0.493	0.032	0.035	0.000	0.000	0.000	0.000	0.000	1386.75	
14	0.7577	1189.8	1210.8	1210.4	0.956	5.855	65.934	20.632	5.911	0.186	0.464	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1391.00	
15	0.7583	1190.8	1211.9	1211.3	0.955	5.848	65.741	20.728	5.992	0.191	0.480	0.031	0.035	0.000	0.000	0.000	0.000	0.000	1391.66	
16	0.7580	1187.7	1208.8	1208.2	0.987	5.956	65.789	20.715	5.854	0.185	0.446	0.030	0.034	0.004	0.000	0.000	0.000	0.000	1388.39	
17	0.7578	1189.1	1210.2	1209.7	0.955	5.901	65.911	20.618	5.901	0.186	0.466	0.030	0.033	0.000	0.000	0.000	0.000	0.000	1390.18	
18	0.7558	1185.8	1206.8	1206.4	0.952	5.918	66.001	20.586	5.850	0.181	0.452	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1388.15	
19	0.7554	1184.6	1205.5	1205.0	0.955	5.955	66.195	20.430	5.786	0.179	0.444	0.027	0.029	0.000	0.000	0.000	0.000	0.000	1387.04	
20	0.6923	1124.2	1144.1	1143.6	0.810	3.928	76.558	14.655	3.636	0.111	0.269	0.016	0.017	0.000	0.000	0.000	0.000	0.000	1376.71	
21	0.5862	1025.0	1043.1	1042.6	0.568	0.370	94.195	4.752	0.105	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.47	
22	0.5865	1025.2	1043.4	1042.9	0.579	0.375	94.157	4.745	0.132	0.006	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.32	
23	0.5877	1026.5	1044.7	1044.2	0.586	0.380	93.837	4.852	0.250	0.012	0.009	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.73	
24	0.5875	1026.1	1044.3	1043.8	0.591	0.394	94.014	4.810	0.177	0.008	0.006	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.41	
25	0.5872	1025.2	1043.4	1042.9	0.598	0.404	94.015	4.863	0.109	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1361.63	
26	0.5859	1024.4	1042.6	1042.1	0.546	0.412	94.220	4.706	0.106	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.05	
27	0.5855	1023.4	1041.5	1041.0	0.568	0.405	94.326	4.584	0.107	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1361.13	
28	0.5855	1023.1	1041.2	1040.7	0.578	0.405	94.338	4.564	0.105	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1360.78	
29	0.5816	1017.2	1035.2	1034.7	0.565	0.419	95.116	3.790	0.099	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1357.38	
30	0.5816	1017.1	1035.1	1034.6	0.571	0.417	95.117	3.792	0.094	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1357.24	
Avg	0.6971	1129.0	1149.2	1148.7	0.825	4.048	75.915	14.860	3.870	0.126	0.310	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1378.11	

Source Daily Summary

September 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	0.7560	1184.9	1205.9	1204.9	0.960	5.980	66.132	20.430	5.805	0.182	0.451	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1386.94	
2	0.7511	1173.3	1194.1	1193.6	0.950	6.238	67.231	19.072	5.703	0.210	0.523	0.034	0.038	0.000	0.000	0.000	0.000	0.000	1377.80	
3	0.7565	1186.2	1207.2	1207.0	0.959	5.953	66.094	20.434	5.863	0.182	0.455	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1387.94	
4	0.7560	1184.6	1205.6	1205.4	0.955	6.010	66.035	20.428	5.882	0.181	0.450	0.028	0.031	0.000	0.000	0.000	0.000	0.000	1386.49	
5	0.7557	1184.9	1205.9	1205.5	0.954	5.964	66.017	20.535	5.853	0.177	0.442	0.028	0.030	0.000	0.000	0.000	0.000	0.000	1387.12	
6	0.7570	1186.5	1207.6	1207.2	0.957	5.977	65.977	20.538	5.860	0.181	0.451	0.028	0.031	0.000	0.000	0.000	0.000	0.000	1387.95	
7	0.7572	1186.8	1207.8	1207.4	0.960	5.982	65.947	20.547	5.861	0.184	0.458	0.029	0.032	0.000	0.000	0.000	0.000	0.000	1388.01	
8	0.7577	1187.2	1208.3	1207.7	0.970	5.984	65.935	20.494	5.893	0.191	0.470	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1388.06	
9	0.7553	1182.8	1203.7	1203.3	0.951	6.059	66.556	19.780	5.832	0.218	0.531	0.035	0.038	0.000	0.000	0.000	0.000	0.000	1385.01	
10	0.7534	1180.2	1201.1	1198.0	0.948	6.042	66.919	19.464	5.798	0.218	0.537	0.036	0.039	0.000	0.000	0.000	0.000	0.000	1383.75	
11	0.7557	1184.6	1205.6	1205.4	0.952	5.979	66.345	20.127	5.852	0.196	0.485	0.031	0.034	0.000	0.000	0.000	0.000	0.000	1386.89	
12	0.7556	1184.6	1205.6	1204.8	0.955	5.968	66.378	20.099	5.850	0.196	0.488	0.031	0.034	0.000	0.000	0.000	0.000	0.000	1386.91	
13	0.7554	1184.1	1205.1	1204.6	0.953	5.979	66.425	20.050	5.835	0.198	0.493	0.032	0.035	0.000	0.000	0.000	0.000	0.000	1386.59	
14	0.7577	1189.8	1210.8	1210.4	0.956	5.856	65.934	20.633	5.911	0.186	0.464	0.030	0.032	0.000	0.000	0.000	0.000	0.000	1390.99	
15	0.7594	1192.4	1213.6	1212.9	0.956	5.848	65.735	20.731	5.993	0.191	0.480	0.032	0.035	0.000	0.000	0.000	0.000	0.000	1392.59	
16	0.7591	1187.4	1208.5	1207.7	0.996	6.023	65.633	20.745	5.899	0.186	0.448	0.030	0.033	0.005	0.000	0.000	0.000	0.000	1387.05	
17	0.7574	1188.5	1209.5	1209.0	0.954	5.903	65.931	20.609	5.891	0.185	0.465	0.030	0.033	0.000	0.000	0.000	0.000	0.000	1389.77	
18	0.7560	1186.2	1207.2	1206.7	0.952	5.915	65.983	20.597	5.859	0.181	0.454	0.029	0.031	0.000	0.000	0.000	0.000	0.000	1388.38	
19	0.7554	1184.6	1205.5	1205.0	0.955	5.955	66.194	20.430	5.786	0.179	0.444	0.027	0.029	0.000	0.000	0.000	0.000	0.000	1387.04	
20	0.6973	1128.9	1148.9	1148.3	0.821	4.094	75.721	15.127	3.804	0.116	0.282	0.017	0.018	0.000	0.000	0.000	0.000	0.000	1377.52	
21	0.5862	1025.0	1043.1	1042.5	0.568	0.370	94.195	4.752	0.105	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.47	
22	0.5865	1025.2	1043.4	1042.8	0.579	0.375	94.157	4.745	0.132	0.006	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.32	
23	0.5871	1025.6	1043.8	1043.3	0.586	0.380	93.796	4.850	0.250	0.012	0.009	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.16	
24	0.5875	1026.1	1044.3	1043.7	0.591	0.394	94.014	4.809	0.177	0.008	0.006	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.41	
25	0.5872	1024.5	1042.6	1042.1	0.598	0.404	94.015	4.863	0.109	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1360.62	
26	0.5859	1024.4	1042.6	1042.1	0.546	0.412	94.220	4.706	0.106	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.05	
27	0.5855	1023.4	1041.5	1041.0	0.568	0.405	94.326	4.584	0.107	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1361.13	
28	0.5855	1023.1	1041.2	1040.7	0.578	0.405	94.338	4.564	0.105	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1360.78	
29	0.5816	1017.2	1035.2	1034.7	0.565	0.419	95.116	3.790	0.099	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1357.39	
30	0.5816	1017.1	1035.1	1034.5	0.571	0.417	95.117	3.792	0.094	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1357.24	
Avg	0.6973	1129.0	1149.3	1148.7	0.826	4.056	75.880	14.877	3.877	0.127	0.311	0.020	0.022	0.000	0.000	0.000	0.000	0.000	1378.05	

Source Daily Summary

September 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	0.5864	1027.3	1045.5	1045.2	0.510	0.339	94.105	4.920	0.116	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1365.29	-91.99
2	0.5865	1026.9	1045.0	1044.8	0.527	0.346	94.106	4.898	0.112	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1364.62	-92.07
3	0.5859	1025.6	1043.7	1043.5	0.536	0.353	94.235	4.758	0.108	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1363.63	-92.74
4	0.5863	1026.5	1044.7	1044.5	0.529	0.344	94.066	4.956	0.097	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.38	-92.06
5	0.5863	1026.2	1044.4	1044.1	0.543	0.346	94.141	4.861	0.100	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.94	-92.40
6	0.5866	1026.8	1045.0	1044.7	0.535	0.349	94.083	4.916	0.106	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.38	-92.09
7	0.5870	1028.2	1046.4	1046.1	0.511	0.343	93.963	5.070	0.104	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.72	-91.52
8	0.5873	1028.4	1046.6	1046.3	0.512	0.354	93.910	5.110	0.104	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1365.66	-91.35
9	0.5886	1029.8	1048.0	1047.8	0.524	0.371	93.784	5.106	0.179	0.015	0.015	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1366.04	-88.82
10	0.5877	1028.4	1046.6	1046.3	0.528	0.364	93.910	5.033	0.146	0.009	0.008	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1365.27	-90.60
11	0.5865	1027.0	1045.1	1044.9	0.522	0.351	94.093	4.910	0.116	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.71	-92.07
12	0.5860	1026.3	1044.5	1044.2	0.520	0.349	94.183	4.826	0.113	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.40	-92.48
13	0.5859	1026.4	1044.6	1044.3	0.515	0.340	94.198	4.830	0.108	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.69	-92.52
14	0.5853	1026.0	1044.2	1043.9	0.500	0.328	94.316	4.742	0.105	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.86	-93.01
15	0.5847	1024.9	1043.0	1042.8	0.506	0.334	94.426	4.626	0.099	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1364.03	-93.62
16	0.5841	1023.3	1041.4	1041.1	0.526	0.339	94.407	4.621	0.098	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.63	-93.60
17	0.5853	1024.4	1042.5	1042.3	0.521	0.347	94.276	4.748	0.099	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.69	-93.03
18	0.5853	1024.2	1042.3	1042.0	0.549	0.366	94.276	4.703	0.098	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.35	-93.16
19	0.5861	1024.7	1042.9	1042.6	0.580	0.361	94.212	4.742	0.097	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.21	-92.90
20	0.5860	1024.7	1042.8	1042.5	0.569	0.369	94.228	4.726	0.100	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.28	-92.98
21	0.5862	1025.0	1043.1	1042.8	0.568	0.370	94.196	4.752	0.105	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.47	-92.76
22	0.5865	1025.2	1043.4	1042.9	0.579	0.375	94.157	4.745	0.132	0.006	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.32	-92.30
23	0.5879	1026.8	1045.0	1044.6	0.586	0.380	93.819	4.851	0.250	0.012	0.009	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.98	-89.59
24	0.5875	1026.1	1044.3	1044.0	0.591	0.394	94.014	4.810	0.177	0.008	0.006	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1362.41	-91.20
25	0.5870	1024.9	1043.0	1042.7	0.598	0.404	94.015	4.863	0.109	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1361.43	-92.06
26	0.5859	1024.4	1042.6	1042.2	0.546	0.412	94.220	4.706	0.106	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1362.05	-93.01
27	0.5855	1023.4	1041.5	1041.2	0.568	0.405	94.326	4.584	0.107	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1361.13	-93.45
28	0.5855	1023.1	1041.2	1040.9	0.578	0.405	94.338	4.564	0.105	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1360.78	-93.55
29	0.5816	1017.2	1035.2	1034.8	0.565	0.419	95.116	3.790	0.099	0.005	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	1357.38	-97.16
30	0.5816	1017.1	1035.1	1034.7	0.571	0.417	95.117	3.792	0.094	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1357.24	-97.23
Avg	0.5860	1025.0	1043.5	1043.2	0.544	0.366	94.208	4.752	0.116	0.006	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1363.13	-92.58

Source Daily Summary

September 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	0.7559	1185.0	1205.9	1204.9	0.960	5.974	66.131	20.430	5.804	0.182	0.451	0.029	0.031	0.009	0.000	0.000	0.000	0.000	1387.02	
2	0.7512	1173.6	1194.4	1193.5	0.950	6.235	67.204	19.080	5.712	0.210	0.525	0.035	0.038	0.011	0.000	0.000	0.000	0.000	1377.99	
3	0.7561	1185.4	1206.4	1205.6	0.959	5.959	66.134	20.412	5.836	0.181	0.451	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1387.43	
4	0.7564	1185.1	1206.1	1205.3	0.957	6.013	66.073	20.396	5.865	0.180	0.448	0.028	0.031	0.009	0.000	0.000	0.000	0.000	1386.77	
5	0.7564	1185.7	1206.7	1205.9	0.956	5.977	66.030	20.512	5.842	0.177	0.440	0.027	0.030	0.008	0.000	0.000	0.000	0.000	1387.46	
6	0.7569	1186.4	1207.4	1206.6	0.957	5.974	65.980	20.537	5.856	0.180	0.449	0.028	0.031	0.008	0.000	0.000	0.000	0.000	1387.89	
7	0.7575	1187.3	1208.3	1207.2	0.959	5.976	65.922	20.550	5.875	0.185	0.462	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1388.34	
8	0.7578	1187.4	1208.4	1207.3	0.971	5.983	65.915	20.503	5.897	0.191	0.470	0.030	0.032	0.008	0.000	0.000	0.000	0.000	1388.15	
9	0.7551	1182.3	1203.2	1202.1	0.952	6.065	66.575	19.759	5.819	0.217	0.529	0.035	0.038	0.011	0.000	0.000	0.000	0.000	1384.66	
10	0.7532	1179.7	1200.6	1199.4	0.948	6.050	66.953	19.423	5.782	0.219	0.538	0.036	0.040	0.011	0.000	0.000	0.000	0.000	1383.35	
11	0.7558	1184.8	1205.8	1204.6	0.951	5.977	66.329	20.126	5.859	0.196	0.487	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1387.02	
12	0.7557	1184.8	1205.7	1204.6	0.955	5.966	66.347	20.121	5.852	0.196	0.487	0.031	0.034	0.009	0.000	0.000	0.000	0.000	1387.03	
13	0.7556	1184.5	1205.5	1204.5	0.953	5.976	66.384	20.074	5.842	0.199	0.495	0.032	0.036	0.010	0.000	0.000	0.000	0.000	1386.83	
14	0.7575	1189.4	1210.4	1209.5	0.956	5.856	65.955	20.617	5.898	0.185	0.462	0.030	0.032	0.009	0.000	0.000	0.000	0.000	1390.75	
15	0.7594	1192.4	1213.5	1212.6	0.956	5.848	65.727	20.729	5.992	0.191	0.481	0.032	0.035	0.010	0.000	0.000	0.000	0.000	1392.56	
16	0.7426	1187.1	1208.1	1207.2	0.971	6.037	65.273	20.729	5.884	0.292	0.700	0.048	0.053	0.011	0.000	0.000	0.000	0.000	1402.59	
17	0.7580	1189.5	1210.5	1209.7	0.955	5.899	65.879	20.628	5.912	0.186	0.468	0.030	0.033	0.009	0.000	0.000	0.000	0.000	1390.41	
18	0.7568	1187.5	1208.5	1207.8	0.954	5.912	65.996	20.588	5.848	0.181	0.453	0.029	0.031	0.008	0.000	0.000	0.000	0.000	1389.16	
19	0.7555	1184.7	1205.7	1204.9	0.955	5.958	66.163	20.445	5.791	0.179	0.444	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1387.13	
20	0.7543	1183.0	1204.0	1203.1	0.957	5.943	66.293	20.430	5.712	0.174	0.429	0.026	0.028	0.007	0.000	0.000	0.000	0.000	1386.26	
21	0.7531	1180.5	1201.4	1200.5	0.958	5.983	66.436	20.326	5.647	0.171	0.420	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1384.38	
22	0.7039	1133.4	1153.4	1152.6	0.837	4.420	74.720	15.462	4.049	0.135	0.329	0.020	0.022	0.006	0.000	0.000	0.000	0.000	1374.79	
23	0.7167	1149.3	1169.7	1168.8	0.860	4.615	72.629	16.846	4.504	0.141	0.352	0.023	0.024	0.007	0.000	0.000	0.000	0.000	1381.62	
24	0.7174	1148.5	1168.8	1167.9	0.862	4.728	72.417	16.966	4.501	0.138	0.338	0.020	0.022	0.006	0.000	0.000	0.000	0.000	1379.94	
25	0.7266	1157.9	1178.4	1177.6	0.884	4.979	71.072	17.590	4.868	0.158	0.390	0.025	0.027	0.008	0.000	0.000	0.000	0.000	1382.49	
26	0.7242	1156.9	1177.4	1176.6	0.871	4.837	71.446	17.462	4.802	0.151	0.374	0.024	0.026	0.008	0.000	0.000	0.000	0.000	1383.63	
27	0.7376	1168.0	1188.6	1187.8	0.913	5.358	69.161	18.738	5.207	0.162	0.401	0.025	0.027	0.007	0.000	0.000	0.000	0.000	1384.04	
28	0.7342	1163.1	1183.7	1182.8	0.906	5.349	69.819	18.154	5.121	0.169	0.418	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1381.39	
29	0.7301	1159.4	1179.9	1179.0	0.893	5.207	70.574	17.662	5.005	0.170	0.422	0.027	0.030	0.009	0.000	0.000	0.000	0.000	1380.87	
30	0.7349	1167.1	1187.8	1186.8	0.905	5.172	69.711	18.415	5.160	0.164	0.410	0.027	0.029	0.008	0.000	0.000	0.000	0.000	1385.52	
Avg	0.7462	1176.0	1197.1	1196.2	0.934	5.674	67.708	19.457	5.525	0.182	0.451	0.029	0.031	0.009	0.000	0.000	0.000	0.000	1385.92	

Source Daily Summary

September 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	0.6420	1066.0	1084.9	1084.0	0.925	2.587	83.563	12.055	0.817	0.019	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1353.98	
2	0.6454	1069.3	1088.2	1087.5	0.933	2.695	82.977	12.415	0.915	0.024	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1354.58	
3	0.6417	1063.6	1082.5	1081.9	0.942	2.684	83.593	11.928	0.801	0.019	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1351.24	
4	0.6435	1066.2	1085.0	1084.5	0.937	2.697	83.144	12.255	0.902	0.024	0.040	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1352.55	
5	0.6424	1062.7	1081.5	1081.1	0.956	2.772	83.377	12.004	0.841	0.018	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1349.42	
6	0.6434	1066.4	1085.3	1084.7	0.924	2.700	83.297	12.166	0.857	0.020	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1352.98	
7	0.6464	1070.2	1089.1	1088.4	0.936	2.732	82.784	12.548	0.931	0.024	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1354.63	
8	0.6445	1065.4	1084.2	1083.4	0.969	2.794	83.079	12.273	0.828	0.020	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1350.58	
9	0.6475	1068.9	1087.8	1087.0	0.973	2.854	82.607	12.564	0.926	0.025	0.048	0.001	0.002	0.000	0.000	0.000	0.000	0.000	1351.91	
10	0.6473	1069.1	1088.0	1087.3	0.969	2.828	82.542	12.738	0.868	0.020	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1352.39	
11	0.6477	1068.6	1087.5	1086.6	1.000	2.850	82.442	12.835	0.812	0.021	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1351.34	
12	0.6495	1069.6	1088.5	1087.6	1.032	2.916	82.170	12.937	0.873	0.025	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1350.64	
13	0.6601	1081.4	1100.5	1099.7	0.987	3.259	80.618	13.563	1.423	0.044	0.095	0.005	0.006	0.000	0.000	0.000	0.000	0.000	1354.52	
14	0.6597	1080.3	1099.4	1098.7	0.994	3.278	80.667	13.519	1.395	0.043	0.094	0.005	0.006	0.000	0.000	0.000	0.000	0.000	1353.56	
15	0.6723	1093.7	1113.1	1112.3	0.971	3.656	78.357	14.671	2.115	0.065	0.147	0.009	0.010	0.000	0.000	0.000	0.000	0.000	1357.47	
16	0.6611	1084.6	1103.8	1102.9	0.974	3.164	80.391	13.713	1.541	0.045	0.096	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1357.65	
17	0.6685	1092.8	1112.1	1111.5	0.975	3.366	79.256	14.410	1.807	0.053	0.118	0.007	0.007	0.000	0.000	0.000	0.000	0.000	1360.21	
18	0.6621	1085.4	1104.6	1104.0	0.995	3.184	80.273	13.764	1.620	0.048	0.104	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1357.48	
19	0.6616	1084.0	1103.2	1102.6	1.003	3.217	80.509	13.525	1.588	0.046	0.101	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1356.26	
20	0.6625	1084.3	1103.5	1102.8	1.002	3.270	80.202	13.743	1.621	0.047	0.103	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1355.82	
21	0.6695	1092.5	1111.8	1111.0	1.002	3.439	79.059	14.572	1.757	0.050	0.108	0.006	0.007	0.000	0.000	0.000	0.000	0.000	1358.80	
22	0.6686	1091.3	1110.6	1109.8	0.991	3.440	79.269	14.356	1.761	0.053	0.116	0.006	0.007	0.000	0.000	0.000	0.000	0.000	1358.31	
23	0.6558	1075.8	1094.9	1094.2	0.976	3.198	81.267	13.007	1.409	0.042	0.091	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1352.04	
24	0.6620	1083.5	1102.7	1101.8	0.979	3.319	80.460	13.430	1.651	0.047	0.102	0.005	0.006	0.000	0.000	0.000	0.000	0.000	1355.22	
25	0.6635	1085.3	1104.5	1103.9	0.965	3.366	79.996	13.800	1.704	0.049	0.108	0.006	0.007	0.000	0.000	0.000	0.000	0.000	1355.95	
26	0.6581	1081.0	1100.1	1099.5	0.964	3.126	81.152	13.073	1.528	0.048	0.100	0.005	0.005	0.000	0.000	0.000	0.000	0.000	1356.13	
27	0.6759	1102.1	1121.6	1120.7	1.002	3.459	77.955	15.478	1.909	0.057	0.125	0.007	0.008	0.000	0.000	0.000	0.000	0.000	1364.18	
28	0.7355	1165.8	1186.5	1185.5	0.883	5.336	69.292	18.896	5.010	0.159	0.374	0.024	0.026	0.000	0.000	0.000	0.000	0.000	1383.51	
29	0.7359	1164.6	1185.3	1184.4	0.884	5.446	69.311	18.690	5.047	0.169	0.399	0.025	0.028	0.000	0.000	0.000	0.000	0.000	1381.67	
30	0.7311	1160.3	1180.9	1180.0	0.870	5.275	70.194	18.118	4.915	0.171	0.402	0.026	0.029	0.000	0.000	0.000	0.000	0.000	1381.11	
Avg	0.6635	1086.0	1105.7	1105.0	0.964	3.297	80.127	13.768	1.673	0.050	0.108	0.006	0.006	0.000	0.000	0.000	0.000	0.000	1357.54	

Source Daily Summary

September 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	0.6559	1062.1	1080.9	1080.3	1.224	3.685	80.924	13.210	0.902	0.022	0.031	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1334.65	
2	0.6706	1092.3	1111.7	1111.0	0.933	3.661	78.610	14.993	1.639	0.055	0.099	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1357.50	
3	0.6606	1083.8	1103.0	1102.3	0.950	3.207	80.094	14.261	1.309	0.042	0.074	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1357.05	
4	0.6600	1085.9	1105.1	1104.5	0.946	3.034	80.311	14.332	1.255	0.041	0.072	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1360.29	
5	0.6600	1085.2	1104.4	1103.8	0.946	3.078	80.355	14.285	1.229	0.038	0.063	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1359.43	
6	0.6598	1084.9	1104.1	1103.5	0.942	3.081	80.386	14.270	1.210	0.038	0.066	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1359.30	
7	0.6625	1089.6	1108.9	1108.3	0.941	3.054	79.957	14.621	1.300	0.043	0.076	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1362.37	
8	0.6604	1084.8	1104.0	1103.4	0.966	3.109	80.290	14.309	1.211	0.039	0.068	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1358.53	
9	0.6570	1066.9	1085.8	1085.2	1.143	3.622	80.784	13.368	1.003	0.029	0.047	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1339.46	
10	0.6568	1061.5	1080.3	1079.7	1.248	3.765	80.785	13.231	0.911	0.023	0.034	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1333.03	
11	0.6619	1073.5	1092.5	1091.9	1.074	3.783	79.854	14.054	1.148	0.032	0.051	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1342.77	
12	0.6695	1089.9	1109.2	1108.6	0.866	3.804	78.601	15.062	1.521	0.050	0.087	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1355.66	
13	0.6689	1087.8	1107.1	1106.5	0.896	3.831	78.719	14.913	1.497	0.048	0.086	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1353.62	
14	0.6678	1087.1	1106.3	1105.8	0.889	3.788	78.817	14.968	1.403	0.045	0.080	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1353.79	
15	0.6648	1081.8	1100.9	1100.3	0.885	3.829	79.062	14.719	1.381	0.042	0.073	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1350.27	
16	0.6672	1087.3	1106.6	1106.0	0.867	3.743	78.929	14.872	1.459	0.045	0.078	0.005	0.003	0.000	0.000	0.000	0.000	0.000	1354.72	
17	0.6675	1088.5	1107.8	1107.2	0.874	3.689	78.786	15.031	1.479	0.048	0.084	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1355.89	
18	0.6676	1089.3	1108.6	1108.0	0.860	3.673	78.695	15.113	1.512	0.051	0.088	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1356.78	
19	0.6687	1091.0	1110.3	1109.8	0.865	3.669	78.773	15.029	1.510	0.052	0.092	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1357.78	
20	0.6680	1089.9	1109.2	1108.6	0.844	3.702	78.852	14.967	1.494	0.049	0.084	0.005	0.003	0.000	0.000	0.000	0.000	0.000	1357.08	
21	0.6693	1090.4	1109.7	1109.1	0.878	3.743	78.625	15.108	1.504	0.049	0.085	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1356.42	
22	0.6697	1090.6	1109.9	1109.4	0.895	3.739	78.631	15.040	1.535	0.053	0.096	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1356.28	
23	0.6681	1088.2	1107.5	1106.9	0.908	3.709	78.644	15.070	1.513	0.052	0.093	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1354.90	
24	0.6683	1088.7	1108.0	1107.4	0.877	3.748	78.747	15.061	1.433	0.046	0.079	0.005	0.004	0.000	0.000	0.000	0.000	0.000	1355.40	
25	0.6694	1090.4	1109.7	1109.2	0.923	3.679	78.682	15.065	1.498	0.051	0.091	0.006	0.005	0.000	0.000	0.000	0.000	0.000	1356.36	
26	0.6680	1089.7	1109.0	1108.4	0.894	3.640	78.976	14.809	1.520	0.053	0.096	0.006	0.004	0.000	0.000	0.000	0.000	0.000	1356.80	
27	0.6597	1069.4	1088.3	1087.9	1.122	3.752	80.284	13.673	1.081	0.031	0.051	0.003	0.001	0.000	0.000	0.000	0.000	0.000	1339.89	
28	0.6698	1085.2	1104.4	1103.8	1.191	3.636	78.354	15.595	1.144	0.030	0.047	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1349.37	
29	0.6700	1083.6	1102.8	1102.2	1.112	3.869	78.800	14.429	1.674	0.043	0.068	0.003	0.002	0.000	0.000	0.000	0.000	0.000	1347.19	
30	0.6624	1071.2	1090.2	1089.6	1.121	3.889	79.873	13.799	1.232	0.031	0.051	0.003	0.001	0.000	0.000	0.000	0.000	0.000	1339.52	
Avg	0.6650	1084.0	1102.9	1102.3	0.969	3.607	79.373	14.575	1.350	0.042	0.073	0.004	0.003	0.000	0.000	0.000	0.000	0.000	1352.40	

Source Daily Summary

September 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	0.6978	1141.2	1161.4	1159.8	1.155	2.915	71.958	23.427	0.528	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.37	-24.20
2	0.6976	1140.8	1161.0	1159.3	1.147	2.932	71.968	23.442	0.496	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.08	-24.47
3	0.6973	1140.3	1160.5	1158.7	1.153	2.927	72.022	23.388	0.494	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.77	-24.61
4	0.6968	1139.5	1159.7	1158.2	1.151	2.923	72.018	23.401	0.475	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.32	-24.71
5	0.6969	1139.4	1159.6	1157.9	1.167	2.927	72.090	23.324	0.477	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.03	-24.90
6	0.6973	1140.1	1160.3	1158.9	1.164	2.924	72.023	23.390	0.484	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.50	-24.68
7	0.6974	1140.2	1160.4	1159.0	1.159	2.931	72.015	23.382	0.497	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.57	-24.58
8	0.6976	1140.7	1160.9	1159.3	1.155	2.928	71.978	23.419	0.505	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.95	-24.43
9	0.6977	1140.9	1161.1	1159.6	1.151	2.932	71.937	23.469	0.495	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.09	-24.41
10	0.6972	1139.6	1159.7	1158.2	1.173	2.938	72.062	23.301	0.510	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.87	-24.64
11	0.6976	1140.5	1160.7	1159.0	1.162	2.934	71.982	23.392	0.514	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.68	-24.41
12	0.6984	1141.3	1161.5	1159.6	1.157	2.970	71.840	23.476	0.538	0.007	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.81	-23.97
13	0.6982	1141.2	1161.4	1159.7	1.153	2.961	71.852	23.508	0.509	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.91	-24.17
14	0.6982	1141.1	1161.3	1159.5	1.157	2.961	71.849	23.506	0.509	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.78	-24.15
15	0.6976	1140.0	1160.2	1158.7	1.163	2.965	71.965	23.402	0.491	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.01	-24.59
16	0.6981	1140.9	1161.1	1159.3	1.168	2.939	71.882	23.500	0.496	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.76	-24.30
17	0.6973	1139.6	1159.8	1158.3	1.169	2.940	72.046	23.333	0.496	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.98	-24.71
18	0.6971	1139.8	1160.0	1158.2	1.163	2.928	72.045	23.374	0.474	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.31	-24.81
19	0.6972	1140.0	1160.2	1158.7	1.169	2.918	72.047	23.363	0.488	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.43	-24.69
20	0.6974	1140.1	1160.3	1158.8	1.176	2.914	72.035	23.356	0.503	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.42	-24.56
21	0.6974	1140.5	1160.7	1159.2	1.156	2.920	72.040	23.349	0.518	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.88	-24.50
22	0.6974	1140.1	1160.3	1158.6	1.173	2.918	72.040	23.349	0.504	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.39	-24.58
23	0.6978	1140.7	1160.9	1159.4	1.158	2.939	71.938	23.452	0.498	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.79	-24.41
24	0.6978	1140.7	1160.9	1159.4	1.172	2.927	71.963	23.400	0.522	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.69	-24.28
25	0.6975	1139.9	1160.1	1158.4	1.177	2.942	71.982	23.401	0.483	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.98	-24.63
26	0.6972	1139.2	1159.4	1157.4	1.179	2.952	72.049	23.315	0.490	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.45	-24.78
27	0.6974	1139.7	1159.9	1158.3	1.176	2.942	72.031	23.330	0.506	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1388.88	-24.61
28	0.6974	1140.0	1160.2	1158.6	1.162	2.945	72.009	23.365	0.503	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.27	-24.57
29	0.6976	1140.3	1160.5	1159.0	1.165	2.937	71.980	23.400	0.503	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.48	-24.48
30	0.6979	1140.6	1160.8	1158.9	1.163	2.951	71.905	23.458	0.508	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.52	-24.30
Avg	0.6975	1140.0	1160.5	1158.9	1.163	2.936	71.985	23.399	0.500	0.006	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1389.50	-24.50

Source Daily Summary

September 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	0.6451	1053.8	1072.5	1067.6	1.399	2.896	83.333	11.527	0.796	0.018	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1335.36	-53.16
2	0.6474	1057.6	1076.3	1071.7	1.427	2.849	82.941	11.878	0.854	0.019	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.64	-51.22
3	0.6481	1054.8	1073.4	1070.1	1.362	3.184	82.601	12.038	0.765	0.018	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1333.38	-52.06
4	0.6469	1052.9	1071.5	1068.5	1.344	3.216	82.787	11.866	0.737	0.018	0.029	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1332.22	-53.06
5	0.6433	1048.8	1067.3	1064.9	1.300	3.191	83.453	11.309	0.696	0.018	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1330.75	-55.33
6	0.6461	1056.0	1074.7	1071.6	1.322	2.980	83.027	11.834	0.786	0.018	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.01	-52.43
7	0.6480	1059.8	1078.6	1074.5	1.315	2.939	82.678	12.189	0.826	0.019	0.030	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1339.85	-50.87
8	0.6469	1057.0	1075.8	1071.7	1.339	2.969	82.869	11.986	0.788	0.018	0.027	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.48	-52.03
9	0.6474	1060.5	1079.3	1075.0	1.360	2.770	82.886	12.090	0.846	0.018	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1341.36	-50.93
10	0.6478	1060.9	1079.7	1074.5	1.375	2.755	82.831	12.136	0.855	0.018	0.027	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1341.53	-50.74
11	0.6469	1059.1	1077.8	1073.5	1.376	2.788	82.941	12.049	0.799	0.018	0.026	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1340.07	-51.60
12	0.6448	1054.7	1073.4	1069.2	1.450	2.743	83.356	11.700	0.707	0.017	0.024	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1336.73	-53.72
13	0.6476	1060.0	1078.7	1074.7	1.441	2.701	82.902	12.091	0.813	0.019	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1340.45	-50.92
14	0.6482	1061.9	1080.7	1077.3	1.414	2.683	82.787	12.225	0.834	0.020	0.033	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1342.23	-50.08
15	0.6464	1053.2	1071.9	1067.8	1.423	3.026	82.930	11.901	0.674	0.016	0.026	0.002	0.002	0.001	0.000	0.000	0.000	0.000	1333.20	-53.45
16	0.6497	1048.2	1066.8	1062.9	1.446	3.603	82.251	11.951	0.700	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1323.56	-52.98
17	0.6501	1047.3	1065.8	1062.6	1.449	3.699	82.154	11.947	0.702	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1321.87	-53.00
18	0.6501	1047.3	1065.8	1063.0	1.449	3.699	82.154	11.947	0.702	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1321.87	-53.00
19	0.6501	1047.3	1065.8	1063.0	1.449	3.699	82.154	11.947	0.702	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1321.87	-53.00
20	0.6501	1047.3	1065.8	1063.0	1.449	3.699	82.154	11.947	0.702	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1321.87	-53.00
21	0.6501	1047.3	1065.8	1063.0	1.449	3.699	82.154	11.947	0.702	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1321.87	-53.00
22	0.6501	1047.3	1065.8	1062.6	1.449	3.699	82.154	11.947	0.702	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1321.87	-53.00
23	0.6501	1047.3	1065.8	1062.6	1.449	3.699	82.154	11.947	0.702	0.017	0.028	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1321.87	-53.00
24	0.6493	1054.7	1073.4	1069.7	1.465	3.144	82.466	12.110	0.763	0.018	0.030	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1332.11	-51.43
25	0.6501	1058.1	1076.8	1072.2	1.503	2.954	82.433	12.244	0.810	0.019	0.032	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1335.54	-50.26
26	0.6484	1058.1	1076.8	1073.4	1.438	2.896	82.665	12.176	0.773	0.018	0.030	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1337.26	-51.23
27	0.6475	1060.2	1079.0	1075.4	1.342	2.823	82.774	12.233	0.777	0.018	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1340.93	-51.27
28	0.6464	1059.6	1078.3	1074.4	1.316	2.799	82.969	12.095	0.767	0.018	0.030	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1341.23	-51.80
29	0.6479	1061.6	1080.4	1076.1	1.332	2.790	82.717	12.309	0.797	0.019	0.031	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1342.30	-50.67
30	0.6482	1059.6	1078.3	1073.7	1.405	2.830	82.701	12.239	0.772	0.019	0.031	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1339.42	-51.03
Avg	0.6480	1055.0	1073.4	1069.7	1.401	3.114	82.679	11.993	0.762	0.018	0.029	0.002	0.002	0.000	0.000	0.000	0.000	0.000	1333.49	-52.11

September-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	
9/1/2025	9/2/2025	0	0	0	801	966	1205.9	1205.900	9/1/2025
9/2/2025	9/3/2025	0	0	0	1,016	1,213	1194.4	1194.400	9/2/2025
9/3/2025	9/4/2025	0	0	0	1,037	1,251	1206.4	1206.400	9/3/2025
9/4/2025	9/5/2025	0	0	0	1,099	1,325	1206.1	1206.100	9/4/2025
9/5/2025	9/6/2025	0	0	0	1,357	1,638	1206.7	1206.700	9/5/2025
9/6/2025	9/7/2025	0	0	0	1,232	1,489	1207.4	1207.400	9/6/2025
9/7/2025	9/8/2025	456	493	1,082	961	1,162	1208.3	1167.752	9/7/2025
9/8/2025	9/9/2025	16,336	17,684	1,083	1,021	1,234	1208.4	1090.565	9/8/2025
9/9/2025	9/10/2025	7,671	8,271	1,080	921	1,108	1203.2	1092.938	9/9/2025
9/10/2025	9/11/2025	0	0	0	906	1,087	1200.6	1200.600	9/10/2025
9/11/2025	9/12/2025	2,219	2,403	1,081	827	998	1205.8	1115.175	9/11/2025
9/12/2025	9/13/2025	7,100	7,682	1,084	783	944	1205.7	1096.268	9/12/2025
9/13/2025	9/14/2025	7,744	8,379	1,082	752	906	1205.5	1093.296	9/13/2025
9/14/2025	9/15/2025	5,216	5,626	1,079	792	959	1210.4	1096.235	9/14/2025
9/15/2025	9/16/2025	78	84	1,078	880	1,068	1213.5	1202.500	9/15/2025
9/16/2025	9/17/2025	8,608	9,286	1,079	808	976	1208.1	1090.353	9/16/2025
9/17/2025	9/18/2025	0	0	0	942	1,141	1210.5	1210.500	9/17/2025
9/18/2025	9/19/2025	0	0	0	1,103	1,333	1208.5	1208.500	9/18/2025
9/19/2025	9/20/2025	0	0	0	973	1,173	1205.7	1205.700	9/19/2025
9/20/2025	9/21/2025	0	0	0	884	1,064	1204	1204.000	9/20/2025
9/21/2025	9/22/2025	26	28	1,082	914	1,098	1201.4	1198.084	9/21/2025
9/22/2025	9/23/2025	6,966	7,568	1,087	1,074	1,240	1153.4	1095.956	9/22/2025
9/23/2025	9/24/2025	4,547	4,905	1,083	1,015	1,188	1169.7	1098.576	9/23/2025
9/24/2025	9/25/2025	8,895	9,573	1,076	994	1,162	1168.8	1085.328	9/24/2025
9/25/2025	9/26/2025	6,678	7,179	1,077	965	1,136	1178.4	1089.890	9/25/2025
9/26/2025	9/27/2025	0	0	0	929	1,094	1177.4	1177.400	9/26/2025
9/27/2025	9/28/2025	0	0	0	869	1,033	1188.6	1188.600	9/27/2025
9/28/2025	9/29/2025	4,422	4,796	1,087	911	1,080	1183.7	1103.270	9/28/2025
9/29/2025	9/30/2025	7,807	8,525	1,090	1,209	1,427	1179.9	1102.055	9/29/2025
9/30/2025	10/1/2025	0	0	0	870	1,034	1187.8	1187.800	9/30/2025
		94,769	102,482	577.0300	28,845	34,527	1197.1400	1154.2747	



Alliance Pipeline

DAILY ANALYSIS --- USA
 ND07MD1 --- Hankinson Sales
 September 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	1,154.752	0.6608	84.1092	10.2128	3.3037	0.3348	0.5786	0.0628	0.0510	0.0218	0.8832	0.4324	0.0097
2	1,157.448	0.6623	83.9877	10.2363	3.3722	0.3490	0.6083	0.0670	0.0537	0.0228	0.8636	0.4297	0.0097
3	1,155.499	0.6607	84.1526	10.1990	3.3206	0.3384	0.5821	0.0611	0.0501	0.0217	0.8454	0.4192	0.0098
4	1,155.689	0.6610	84.0761	10.2526	3.3302	0.3367	0.5806	0.0612	0.0477	0.0209	0.8606	0.4234	0.0099
5	1,154.786	0.6605	84.0978	10.2841	3.2992	0.3295	0.5627	0.0606	0.0470	0.0205	0.8704	0.4188	0.0093
6	1,155.190	0.6607	84.0809	10.2884	3.3013	0.3346	0.5719	0.0606	0.0475	0.0197	0.8725	0.4134	0.0093
7	1,154.793	0.6605	84.0906	10.2799	3.2930	0.3351	0.5730	0.0546	0.0465	0.0217	0.8830	0.4135	0.0091
8	1,156.930	0.6625	83.8145	10.4232	3.3510	0.3387	0.5980	0.0530	0.0464	0.0225	0.9130	0.4303	0.0095
9	1,156.323	0.6618	83.9145	10.3741	3.3325	0.3346	0.5799	0.0601	0.0487	0.0239	0.9006	0.4216	0.0093
10	1,157.602	0.6635	83.6654	10.4700	3.3932	0.3398	0.5887	0.0614	0.0500	0.0238	0.9635	0.4348	0.0094
11	1,157.109	0.6627	83.8007	10.3918	3.3787	0.3385	0.5898	0.0608	0.0485	0.0235	0.9325	0.4259	0.0093
12	1,154.863	0.6610	84.0364	10.2750	3.3158	0.3367	0.5659	0.0578	0.0466	0.0254	0.9032	0.4274	0.0098
13	1,150.834	0.6593	84.2231	10.1288	3.2488	0.3227	0.5534	0.0552	0.0436	0.0148	0.9519	0.4480	0.0098
14	1,151.405	0.6586	84.3987	10.0383	3.2373	0.3307	0.5595	0.0566	0.0438	0.0181	0.8752	0.4322	0.0097
15	1,154.548	0.6606	84.1730	10.1419	3.3279	0.3425	0.5745	0.0573	0.0465	0.0236	0.8608	0.4416	0.0104
16	1,152.298	0.6602	84.2565	10.0194	3.2845	0.3386	0.5761	0.0591	0.0461	0.0279	0.9080	0.4737	0.0100
17	1,152.146	0.6606	84.1803	10.0436	3.2967	0.3375	0.5804	0.0567	0.0445	0.0267	0.9427	0.4808	0.0102
18	1,153.585	0.6604	84.2650	10.0107	3.3143	0.3451	0.6000	0.0536	0.0440	0.0260	0.8610	0.4701	0.0103
19	1,153.997	0.6605	84.1793	10.1130	3.3293	0.3396	0.5820	0.0527	0.0439	0.0237	0.8783	0.4479	0.0103
20	1,158.619	0.6637	83.9506	10.0605	3.4596	0.3692	0.6582	0.0649	0.0547	0.0269	0.9016	0.4442	0.0095
21	1,155.603	0.6619	84.0417	10.1323	3.3680	0.3458	0.6109	0.0584	0.0497	0.0248	0.9084	0.4499	0.0100
22	1,154.321	0.6614	84.1793	9.9836	3.3567	0.3529	0.6162	0.0579	0.0486	0.0231	0.8921	0.4789	0.0107
23	1,155.457	0.6620	84.0882	10.0515	3.3741	0.3540	0.6221	0.0583	0.0502	0.0252	0.8913	0.4745	0.0107
24	1,157.110	0.6633	83.8323	10.2796	3.4196	0.3476	0.6006	0.0589	0.0493	0.0242	0.8923	0.4848	0.0108
25	1,151.890	0.6593	84.4386	9.8648	3.2912	0.3465	0.5805	0.0630	0.0490	0.0208	0.8760	0.4590	0.0107
26	1,153.264	0.6604	84.2664	9.9851	3.3360	0.3416	0.5801	0.0623	0.0489	0.0216	0.8838	0.4635	0.0106
27	1,153.783	0.6603	84.2278	10.0660	3.3417	0.3368	0.5717	0.0599	0.0460	0.0209	0.8649	0.4535	0.0106
28	1,153.906	0.6601	84.2473	10.0845	3.3273	0.3367	0.5724	0.0592	0.0448	0.0214	0.8611	0.4348	0.0105
29	1,155.378	0.6610	84.0948	10.1798	3.3712	0.3411	0.5776	0.0585	0.0437	0.0206	0.8749	0.4277	0.0101
30	1,154.107	0.6606	84.1448	10.1357	3.3544	0.3376	0.5668	0.0563	0.0441	0.0202	0.8867	0.4430	0.0104
Volume	1,154.853	0.6610	84.0858	10.1989	3.3284	0.3386	0.5821	0.0588	0.0472	0.0225	0.8910	0.4369	0.0098
Weight Avg Energy	1,154.855	0.6610	84.0855	10.1991	3.3285	0.3386	0.5821	0.0588	0.0472	0.0225	0.8910	0.4369	0.0098



Alliance Pipeline

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

DAY	Heating Value (BTU/ft3)	Relative Density	C1 Mol%	C2 Mol%	C3 Mol%	IC4 Mol%	NC4 Mol%	IC5 Mol%	NC5 Mol%	C6+ Mol%	N2 Mol%	CO2 Mol%	Hel Mol%
1	1,155.002	0.6609	84.0961	10.2305	3.3054	0.3353	0.5789	0.0628	0.0509	0.0219	0.8773	0.4313	0.0097
2	1,157.365	0.6623	83.9899	10.2311	3.3732	0.3489	0.6081	0.0666	0.0535	0.0227	0.8665	0.4298	0.0097
3	1,155.259	0.6605	84.1641	10.2036	3.3141	0.3365	0.5780	0.0603	0.0493	0.0214	0.8418	0.4210	0.0099
4	1,155.888	0.6612	84.0524	10.2679	3.3346	0.3368	0.5815	0.0616	0.0478	0.0210	0.8654	0.4212	0.0098
5	1,154.594	0.6603	84.1142	10.2769	3.2934	0.3291	0.5603	0.0608	0.0473	0.0204	0.8677	0.4205	0.0094
6	1,155.445	0.6608	84.0659	10.2951	3.3063	0.3364	0.5750	0.0599	0.0475	0.0202	0.8753	0.4091	0.0092
7	1,156.039	0.6614	83.9695	10.3471	3.3266	0.3378	0.5818	0.0545	0.0468	0.0225	0.8873	0.4169	0.0092
8	1,156.447	0.6622	83.8505	10.4026	3.3378	0.3373	0.5954	0.0531	0.0463	0.0221	0.9130	0.4323	0.0095
9	1,156.852	0.6624	83.8269	10.4023	3.3560	0.3367	0.5854	0.0616	0.0491	0.0238	0.9254	0.4235	0.0093
10	1,157.170	0.6629	83.7517	10.4348	3.3746	0.3388	0.5846	0.0606	0.0497	0.0239	0.9400	0.4319	0.0095
11	1,156.599	0.6623	83.8440	10.3834	3.3614	0.3359	0.5822	0.0604	0.0482	0.0236	0.9258	0.4259	0.0092
12	1,155.006	0.6612	84.0077	10.2934	3.3219	0.3361	0.5654	0.0573	0.0465	0.0256	0.9090	0.4271	0.0099
13	1,150.236	0.6588	84.2917	10.0932	3.2287	0.3218	0.5515	0.0550	0.0432	0.0140	0.9439	0.4472	0.0098
14	1,153.212	0.6597	84.2701	10.0959	3.2895	0.3380	0.5706	0.0577	0.0448	0.0196	0.8714	0.4326	0.0098
15	1,153.857	0.6601	84.2364	10.1071	3.3083	0.3403	0.5703	0.0569	0.0462	0.0241	0.8590	0.4410	0.0104
16	1,152.648	0.6607	84.1772	10.0551	3.3002	0.3389	0.5792	0.0594	0.0460	0.0280	0.9269	0.4792	0.0100
17	1,151.932	0.6601	84.2529	10.0077	3.2850	0.3379	0.5803	0.0562	0.0444	0.0267	0.9216	0.4771	0.0102
18	1,153.363	0.6603	84.2726	10.0181	3.3070	0.3428	0.5955	0.0533	0.0438	0.0260	0.8614	0.4694	0.0102
19	1,153.689	0.6603	84.2110	10.0924	3.3236	0.3383	0.5810	0.0522	0.0435	0.0235	0.8809	0.4432	0.0103
20	1,158.831	0.6639	83.9351	10.0618	3.4637	0.3708	0.6611	0.0659	0.0556	0.0273	0.9048	0.4443	0.0095
21	1,155.213	0.6620	84.0119	10.1331	3.3878	0.3453	0.6068	0.0555	0.0459	0.0210	0.9134	0.4689	0.0103
22	1,155.766	0.6622	84.0466	10.0771	3.3962	0.3510	0.6223	0.0573	0.0482	0.0235	0.8964	0.4710	0.0103
23	1,155.845	0.6623	84.0559	10.0706	3.3884	0.3515	0.6242	0.0584	0.0504	0.0253	0.8891	0.4756	0.0106
24	1,156.686	0.6629	83.8750	10.2609	3.4020	0.3457	0.6002	0.0587	0.0491	0.0245	0.8899	0.4832	0.0108
25	1,154.876	0.6615	84.0832	10.1338	3.3555	0.3422	0.5876	0.0628	0.0487	0.0226	0.8872	0.4658	0.0107
26	1,153.808	0.6606	84.2207	10.0251	3.3472	0.3416	0.5800	0.0619	0.0491	0.0221	0.8812	0.4605	0.0106
27	1,153.822	0.6604	84.2223	10.0726	3.3395	0.3368	0.5719	0.0601	0.0463	0.0211	0.8656	0.4531	0.0106
28	1,154.083	0.6604	84.2069	10.0914	3.3433	0.3384	0.5746	0.0589	0.0441	0.0209	0.8731	0.4381	0.0105
29	1,155.304	0.6610	84.1039	10.1789	3.3677	0.3407	0.5760	0.0585	0.0438	0.0206	0.8731	0.4266	0.0101
30	1,154.254	0.6607	84.1286	10.1510	3.3582	0.3371	0.5656	0.0561	0.0440	0.0204	0.8838	0.4448	0.0103
Volume	1,154.957	0.6612	84.0698	10.1873	3.3405	0.3401	0.5858	0.0584	0.0471	0.0229	0.8930	0.4452	0.0100
Weight Avg Energy	1,154.955	0.6612	84.0700	10.1874	3.3403	0.3401	0.5857	0.0584	0.0471	0.0229	0.8929	0.4452	0.0100

September-25

ZONE 610

Watford City

Watford City West Border

Watford City East Border

Weighted

Start Date	End Date	BTU			BTU			AVG BTU	
		MCF	DK	Zone 25	MCF	DK	Zone 43		
9/1/2025	9/2/2025	43	52	1209	75	79	1049.8	1107.814	9/1/2025
9/2/2025	9/3/2025	42	51	1209	136	142	1049.8	1087.364	9/2/2025
9/3/2025	9/4/2025	40	49	1209	109	115	1049.8	1092.538	9/3/2025
9/4/2025	9/5/2025	69	83	1209	144	151	1049.8	1101.372	9/4/2025
9/5/2025	9/6/2025	117	141	1209	162	170	1049.8	1116.561	9/5/2025
9/6/2025	9/7/2025	87	106	1209	122	128	1049.8	1116.070	9/6/2025
9/7/2025	9/8/2025	47	57	1209	86	91	1049.8	1106.059	9/7/2025
9/8/2025	9/9/2025	31	38	1209	119	125	1049.8	1082.701	9/8/2025
9/9/2025	9/10/2025	40	48	1209	81	85	1049.8	1102.428	9/9/2025
9/10/2025	9/11/2025	41	50	1209	75	78	1049.8	1106.069	9/10/2025
9/11/2025	9/12/2025	30	37	1209	94	99	1049.8	1088.316	9/11/2025
9/12/2025	9/13/2025	26	32	1209	78	82	1049.8	1089.600	9/12/2025
9/13/2025	9/14/2025	40	49	1209	78	82	1049.8	1103.766	9/13/2025
9/14/2025	9/15/2025	54	66	1209	81	85	1049.8	1113.480	9/14/2025
9/15/2025	9/16/2025	58	70	1209	93	98	1049.8	1110.950	9/15/2025
9/16/2025	9/17/2025	55	67	1209	93	97	1049.8	1108.962	9/16/2025
9/17/2025	9/18/2025	65	79	1209	123	129	1049.8	1104.843	9/17/2025
9/18/2025	9/19/2025	81	98	1209	123	129	1049.8	1113.012	9/18/2025
9/19/2025	9/20/2025	68	83	1209	101	106	1049.8	1113.857	9/19/2025
9/20/2025	9/21/2025	50	60	1209	99	104	1049.8	1103.223	9/20/2025
9/21/2025	9/22/2025	41	50	1209	69	73	1049.8	1109.138	9/21/2025
9/22/2025	9/23/2025	55	66	1209	83	87	1049.8	1113.249	9/22/2025
9/23/2025	9/24/2025	53	64	1209	85	89	1049.8	1110.942	9/23/2025
9/24/2025	9/25/2025	50	61	1209	91	95	1049.8	1106.254	9/24/2025
9/25/2025	9/26/2025	58	70	1209	114	120	1049.8	1103.484	9/25/2025
9/26/2025	9/27/2025	65	79	1209	122	128	1049.8	1105.137	9/26/2025
9/27/2025	9/28/2025	35	42	1209	132	138	1049.8	1083.165	9/27/2025
9/28/2025	9/29/2025	30	36	1209	89	94	1049.8	1089.934	9/28/2025
9/29/2025	9/30/2025	31	37	1209	88	93	1049.8	1091.272	9/29/2025
9/30/2025	10/1/2025	15	18	1209	88	92	1049.8	1072.984	9/30/2025
		1,517	1,839	1209.0000	3,033	3,184	1049.8000	1101.8181	

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	SEP25	AUG25	JUL25	JUN25	MAY25	APR25	MAR25	FEB25	JAN25	DEC24	NOV24	OCT24
MT/ND	211	Sidney Border - MonDak Tfr - Sidney Plt	1185	1190	1193	1186	1185	1181	1193	1186	1173	1183	1183	1184	1182
ND	24	Williston Border - Charbonneau Station	1191	1194	1202	1193	1191	1177	1194	1206	1197	1185	1182	1179	1187
ND	25	Watford City West Border	1199	1209	1206	1209	1202	1198	1198	1201	1206	1191	1193	1186	1194
ND	28	Bismarck Station - Glen Ullin Station	1168	1197	1208	1207	1205	1189	1172	1126	1116	1134	1136	1159	1171
ND	31	Dickinson Brd - Belfield Trf - G Ullin Stn	1121	1106	1087	1135	1110	1111	1110	1131	1129	1137	1139	1144	1111
ND/MT	32	Cabin Creek Station - Belfied Transfer	1130	1103	1130	1129	1136	1122	1135	1130	1133	1134	1130	1135	1139
ND	33	Little Knife Plant	1162	1161	1161	1160	1161	1163	1162	1162	1162	1164	1162	1163	1165
ND	34	Badlands Plant/Bowman Border	1088	1073	1071	1066	1065	1070	1067	1097	1097	1104	1104	1127	1110
ND	43	Watford City East Border	1071	1050	1052	1057	1044	1040	1041	1041	1094	1107	1107	1110	1112
ND/MT	241	Fairview Border	1187	1192	1199	1194	1186	1186	1186	1191	1182	1183	1181	1180	1185
ND	267	North Tioga Transfer - Nesson Plant	1188	1171	1171	1188	1183	1185	1188	1197	1197	1194	1204	1191	1191
ND	261	Tioga Comp Station - Robinson Lake Plant	1204	1204	1206	1206	1198	1197	1198	1204	1209	1198	1209	1208	1208
ND	262	Minot Bdr - Palermo Bdr - Bismarck Stn	1206	1205	1206	1206	1204	1203	1200	1205	1210	1207	1209	1207	1210
ND	263	Lignite Plant	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
ND	264	Epping Border	1186	1191	1193	1192	1180	1186	1186	1201	1202	1174	1174	1166	1183
ND	265	Tioga Comp Station - County Line Plant	1189	1203	1201	1204	1183	1180	1181	1184	1190	1191	1191	1180	1175
ND	266	County Line Plant	1191	1207	1210	1211	1186	1182	1182	1186	1193	1189	1192	1182	1177
ND	271	Bismarck Station - Cleveland Station	1194	1161	1208	1207	1205	1205	1201	1195	1158	1182	1190	1200	1212
ND	272	Cleveland Station - Mapleton	1192	1149	1207	1205	1204	1203	1200	1194	1157	1182	1190	1200	1211
ND	273	Cleveland Station - Grafton Border	1191	1149	1208	1205	1205	1202	1193	1194	1157	1182	1189	1199	1211
ND	274	Felton(Viking) - Kindred-Wahpeton	0	1044	1043	1054	1047	1049	1046	1047	1050	1050	1050	0	0
ND	550	Mandan Border / NBPL-St Anthony	1142	1154	1147	1140	1155	1175	1165	1105	1102	1120	1115	1156	1164
ND	610	MDU-Watford City BTU	1107	1102	1113	1067	1055	1086	1100	1096	1131	1133	1135	1139	1130
ND	802	NBPL - Linton	1086	1082	1083	1086	1077	1077	1076	1080	1085	1093	1093	1100	1099
ND	903	Hettinger Propane	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549	2549
ND	600	Alliance Pipeline - Hankinson	1154	1155	1155	1153	1151	1154	1153	1150	1153	1155	1155	1155	1157
ND	601	Alliance Pipeline - Milnor	1154	1155	1155	1153	1151	1155	1153	1150	1153	1154	1155	1155	1157

THERMAL ZONE VARIANCE DOCUMENTATION		
September 2025		
<i>ZONE</i>	<i>BTU VARIANCE</i>	<i>REASON</i>
32	-27	Operational/Blend
271	-47	Operational
272	-58	Operational
273	-59	Operational