



Northern Natural Gas Company
P.O. Box 3330
Omaha, NE 68103-0330
402 398-7200

January 31, 2025

Ms. Debbie-Anne Reese, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Northern Natural Gas Company
Docket No. RP25-____-000
Periodic Rate Adjustments for Fuel, URR, and UAF Percentages and Electric
Compression Rate

Dear Ms. Reese:

Northern Natural Gas Company ("Northern") submits herewith for filing as part of its FERC Gas Tariff, Seventh Revised Volume No. 1 ("Tariff"), the following tariff sections to be effective April 1, 2025:

SEVENTH REVISED VOLUME NO. 1
Part 4, Section 9, Version 1.0.0
Part 4, Section 10, Version 1.0.0

Reason for Filing

The revised tariff sections are being filed in accordance with Part 8, Sections 53A and 53B of the General Terms and Conditions of Northern's Tariff, as further discussed herein. This filing updates:

- Field Area transportation fuel percentages;
- Market Area transportation fuel percentage;
- Storage fuel percentage;
- Storage under-recovery retainage percentage ("URR Percentage")
- Systemwide unaccounted for percentage ("UAF"); and
- Market Area electric compression rate.

True-up adjustments for all fuel, URR and UAF percentages and the Market Area electric compression commodity rate are included in the computations.

Although the proposed effective date of the tariff sections is April 1, 2025, Northern respectfully requests that the Federal Energy Regulatory Commission ("FERC" or "Commission") issue an order by March 18, 2025. A number of shippers will be making

supply arrangements for the entire summer season of April through October. Knowing the fuel retention percentages as far in advance of April 1 as possible will assist in their planning and contracting processes.

When reviewing the Summer 2024 transactions, it was determined that fuel was not retained on certain Field Area transactions for which a Shipper erroneously submitted two fuel exemptions pursuant to Part 4, Section 10 of Northern's Tariff.¹ Northern has adjusted its PRA account to include the fuel that should have been retained on these transactions so that the unretained fuel does not impact the computation of the fuel percentages submitted for acceptance in this filing. The adjustment to the PRA account was made to ensure that Northern's shippers are not negatively impacted by the unretained fuel.

Summary of Changes to be effective April 1, 2025

A summary of the proposed changes compared to the 2024 PRA filing is as follows:

	April 1, 2024 ²	April 1, 2025
Section 1 (Permian)	0.70%	0.79%
Section 2 (Mid-Continent)	1.64%	1.58%
Section 3 (Market Area)	0.56%	0.83%
Storage Fuel	1.19%	1.36%
Storage URR Percentage	0.72%	0.58%
UAF	0.08%	0.43%
Electric Compression rate	\$0.0006	\$0.0005

Section 1 (Permian)

The proposed changes in the base and true-up components of the Permian fuel percentage, effective from April 1, 2025 through March 31, 2026, are shown in the following table.

	April 1, 2024	April 1, 2025	Change
Base fuel percentage	0.69%	0.74%	0.05%
True-up percentage	0.01%	0.05%	0.04%
Total	0.70%	0.79%	0.09%

¹ Part 4, Section 10, footnote 4 of Northern's Tariff states: "Fuel charged in the Field and Market Areas for a pooling transaction or for processing plant transactions will not exceed the Fuel charged on a unified Field-to-Market transaction having the same initial Field receipt point and ultimate Market delivery point, i.e., the total Fuel collected for transactions that go into and out of pooling points or processing plants in either the Field Area or the Market Area will be no greater than the Fuel that would be collected on the total path between the original receipt point and the ultimate delivery point, subject to the Shipper(s) providing Northern the requisite information." Consistent with this tariff provision, Northern administers an affidavit process that shippers can use to request a fuel exemption for pooling and processing plant transactions.

² The PRA percentages and rate in effect April 1, 2024, were accepted by FERC in a letter order issued February 23, 2024, in Docket No. RP24-378-000.

Section 2 (Mid-Continent)

The proposed changes in the base and true-up components of the Mid-Continent fuel percentage, effective from April 1, 2025 through March 31, 2026, are shown in the following table.

	April 1, 2024	April 1, 2025	Change
Base fuel percentage	1.47%	1.51%	0.04%
True-up percentage	0.17%	0.07%	-0.10%
Total	1.64%	1.58%	-0.06%

Section 3 (Market Area)

The proposed changes in the base and true-up components of the Market Area fuel percentage, effective from April 1, 2025 through October 31, 2025, are shown in the following table.

	April 1, 2024	April 1, 2025	Change
Base fuel percentage	0.65%	0.74%	0.09%
True-up percentage	-0.09%	0.09%	0.18%
Total	0.56%	0.83%	0.27%

Storage Fuel

The proposed changes in the base and true-up components of the Storage fuel percentages are shown in the following table. Although the tariff section showing the Storage fuel percentage is effective April 1, 2025, the Storage fuel percentage applies only to Rate Schedule FDD injections from June 1, 2025 through October 31, 2025.

	April 1, 2024	April 1, 2025	Change
Base fuel percentage	1.41%	1.38%	-0.03%
True-up percentage	-0.22%	-0.02%	0.20%
Total	1.19%	1.36%	0.17%

Storage URR Percentage

The proposed changes in the base and true-up components of the Storage URR percentage are shown in the following table. Although the tariff section showing the Storage URR percentage is effective April 1, 2025, the Storage URR percentage applies only to Rate Schedule FDD injections from June 1, 2025 through October 31, 2025.

	April 1, 2024	April 1, 2025	Change
Base fuel percentage	0.73%	0.60%	-0.13%
True-up percentage	-0.01%	-0.02%	-0.01%
Total	0.72%	0.58%	-0.14%

UAF

The changes in the base and true-up components of the UAF percentage, effective from April 1, 2025 through March 31, 2026, are shown in the following table.

	April 1, 2024	April 1, 2025	Change
Base UAF percentage	-0.01%	0.19%	0.20%
True-up percentage	0.09%	0.24%	0.15%
Total	0.08%	0.43%	0.35%

Market Area Electric Compression Rate

The changes in the base and true-up components of the Market Area Electric Compression commodity rate, effective from April 1, 2025 through March 31, 2026, are shown in the following table.

	April 1, 2024	April 1, 2025	Change
Base rate	0.0005	0.0005	0.0000
True-up rate	0.0001	0.0000	-0.0001
Total	0.0006	0.0005	-0.0001

Supporting Schedules

Supporting information and calculations for the proposed changes are attached hereto in Schedule Nos. 1 - 10.

Waiver

Northern respectfully requests that the Commission grant any and all waivers of its Regulations that it deems necessary to allow the tariff sections to become effective April 1, 2025, but as noted above, Northern respectfully requests that the Commission issue an order by March 18, 2025.

Debbie-Anne Reese, Secretary

January 31, 2025

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Posting

Northern has served an electronic copy of this filing upon its customers and interested state regulatory commissions.

Marked Version

In accordance with Section 154.201 of the Commission's Regulations, Northern has submitted a marked version of the proposed tariff changes highlighting new additions and showing deletions by strikeout.

Motion

In accordance with Sections 154.7(a)(9) and 154.206(c) of the Commission's Regulations, Northern hereby moves to place the tariff sheets referenced herein in effect as of the end of any suspension period ordered by the Commission.

Data Processing Requirements

Northern submits this filing through FERC's electronic tariff filing process in a FERC-approved format.

Communication

It is requested that all correspondence and communications concerning this filing be served upon each of the following:

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Director, Regulatory Policy and Rates
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Respectfully submitted,

/s/ Luis Valdivia

Luis Valdivia
Director, Regulatory Policy and Rates

Attachments

9. MILEAGE INDICATOR DISTRICT CHARGES

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MID's 1-9 and Delivery MID's 1-9

RECEIPT DISTRICT		DELIVERY DISTRICT									
		1	2	3	4	5	6	7	7B	8	9
1	TI Apr-Oct	0.0495	0.1193	0.2500	0.3554	0.3998	0.2843	0.3249	0.4277	0.7628	0.6575
	TI Nov-Mar	0.0859	0.2071	0.4339	0.6168	0.6939	0.4934	0.5639	0.7423	1.3239	1.1410
	TF	0.0040	0.0097	0.0203	0.0288	0.0324	0.0231	0.0264	0.0347	0.0619	0.0534
2	TI Apr-Oct	0.0584	0.0089	0.0901	0.2437	0.3160	0.2094	0.2640	0.3668	0.6803	0.5775
	TI Nov-Mar	0.1013	0.0154	0.1564	0.4229	0.5485	0.3635	0.4582	0.6366	1.1807	1.0022
	TF	0.0047	0.0007	0.0073	0.0198	0.0256	0.0170	0.0214	0.0298	0.0552	0.0469
3	TI Apr-Oct	0.3935	0.2551	0.0660	0.0774	0.3465	0.2145	0.1599	0.2627	0.7146	0.6105
	TI Nov-Mar	0.6829	0.4428	0.1145	0.1344	0.6013	0.3723	0.2775	0.4560	1.2401	1.0595
	TF	0.0319	0.0207	0.0054	0.0063	0.0281	0.0174	0.0130	0.0213	0.0580	0.0495
4	TI Apr-Oct	0.3795	0.3376	0.2386	0.0571	0.2094	0.1434	0.2247	0.3275	0.6524	0.5458
	TI Nov-Mar	0.6586	0.5859	0.4141	0.0991	0.3635	0.2489	0.3899	0.5683	1.1322	0.9472
	TF	0.0308	0.0274	0.0194	0.0046	0.0170	0.0116	0.0182	0.0266	0.0529	0.0443
5	TI Apr-Oct	0.3478	0.3135	0.2462	0.2209	0.0343	0.0965	0.1739	0.2767	0.6181	0.5128
	TI Nov-Mar	0.6036	0.5441	0.4273	0.3833	0.0595	0.1674	0.3018	0.4802	1.0727	0.8899
	TF	0.0282	0.0254	0.0200	0.0179	0.0028	0.0078	0.0141	0.0225	0.0502	0.0416
6	TI Apr-Oct	0.2209	0.1764	0.0635	0.0952	0.1307	0.0850	0.1003	0.2031	0.5712	0.4176
	TI Nov-Mar	0.3833	0.3062	0.1101	0.1652	0.2269	0.1476	0.1740	0.3524	0.9912	0.7247
	TF	0.0179	0.0143	0.0052	0.0077	0.0106	0.0069	0.0081	0.0165	0.0464	0.0339
7	TI Apr-Oct	0.3808	0.3313	0.3173	0.2513	0.2691	0.1587	0.1269	0.2297	0.3655	0.2589
	TI Nov-Mar	0.6608	0.5749	0.5507	0.4361	0.4670	0.2753	0.2203	0.3987	0.6344	0.4494
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0186	0.0297	0.0210
7B	TI Apr-Oct	0.3808	0.3313	0.3173	0.2513	0.2691	0.1587	0.1269	0.0000	0.3655	0.2589
	TI Nov-Mar	0.6608	0.5749	0.5507	0.4361	0.4670	0.2753	0.2203	0.0000	0.6344	0.4494
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0000	0.0297	0.0210
8	TI Apr-Oct	0.7628	0.7222	0.6676	0.6587	0.6524	0.5267	0.5458	0.4328	0.0102	0.2627
	TI Nov-Mar	1.3239	1.2534	1.1586	1.1432	1.1322	0.9141	0.9472	0.7511	0.0176	0.4560
	TF	0.0619	0.0586	0.0542	0.0535	0.0529	0.0427	0.0443	0.0351	0.0008	0.0213
9	TI Apr-Oct	0.6626	0.6169	0.5547	0.5166	0.4417	0.4506	0.3084	0.1955	0.1612	0.0850
	TI Nov-Mar	1.1498	1.0705	0.9626	0.8965	0.7666	0.7820	0.5353	0.3392	0.2797	0.1476
	TF	0.0538	0.0501	0.0450	0.0419	0.0358	0.0366	0.0250	0.0159	0.0131	0.0069

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID's 1-16A.

"TF" is applicable to Rate Schedules TF and TFX.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MIDs 10-17 and Delivery MIDs 1-9

RECEIPT DISTRICT		DELIVERY DISTRICT									
		1	2	3	4	5	6	7	7B	8	9
10	TI Apr-Oct	0.6752	0.6981	0.6740	0.5839	0.4861	0.4937	0.3706	0.2577	0.2424	0.2082
	TI Nov-Mar	1.1719	1.2115	1.1697	1.0133	0.8437	0.8569	0.6432	0.4472	0.4207	0.3613
	TF	0.0548	0.0567	0.0547	0.0474	0.0394	0.0401	0.0301	0.0209	0.0197	0.0169
11	TI Apr-Oct	0.6486	0.5991	0.5420	0.4760	0.4684	0.2627	0.3262	0.2132	0.1358	0.1701
	TI Nov-Mar	1.1256	1.0397	0.9406	0.8260	0.8128	0.4560	0.5661	0.3701	0.2357	0.2952
	TF	0.0526	0.0486	0.0440	0.0386	0.0380	0.0213	0.0265	0.0173	0.0110	0.0138
12	TI Apr-Oct	0.7019	0.6524	0.6524	0.5559	0.5940	0.4811	0.3782	0.2653	0.2120	0.2005
	TI Nov-Mar	1.2181	1.1322	1.1322	0.9648	1.0309	0.8348	0.6564	0.4604	0.3679	0.3480
	TF	0.0570	0.0529	0.0529	0.0451	0.0482	0.0390	0.0307	0.0215	0.0172	0.0163
13	TI Apr-Oct	0.6626	0.6613	0.6702	0.6004	0.6016	0.5052	0.4062	0.2932	0.2234	0.2094
	TI Nov-Mar	1.1498	1.1476	1.1631	1.0419	1.0441	0.8767	0.7049	0.5088	0.3877	0.3635
	TF	0.0538	0.0537	0.0544	0.0487	0.0488	0.0410	0.0330	0.0238	0.0181	0.0170
14	TI Apr-Oct	0.8123	0.8479	0.8085	0.7413	0.6854	0.6499	0.5636	0.4506	0.3935	0.3859
	TI Nov-Mar	1.4098	1.4714	1.4031	1.2864	1.1895	1.1278	0.9780	0.7820	0.6829	0.6696
	TF	0.0659	0.0688	0.0656	0.0602	0.0556	0.0527	0.0457	0.0366	0.0319	0.0313
15	TI Apr-Oct	1.0687	1.0243	1.0078	0.9075	0.8834	0.8568	0.7603	0.6473	0.5801	0.5686
	TI Nov-Mar	1.8547	1.7776	1.7490	1.5750	1.5331	1.4869	1.3194	1.1234	1.0067	0.9868
	TF	0.0867	0.0831	0.0818	0.0736	0.0717	0.0695	0.0617	0.0525	0.0471	0.0461
16A	TI Apr-Oct	0.8694	0.8136	0.8517	0.7044	0.7590	0.5978	0.5369	0.4239	0.3706	0.3630
	TI Nov-Mar	1.5089	1.4120	1.4780	1.2225	1.3172	1.0375	0.9318	0.7357	0.6432	0.6300
	TF	0.0706	0.0660	0.0691	0.0572	0.0616	0.0485	0.0436	0.0344	0.0301	0.0295
16B	TI Apr-Oct	0.9773	0.8809	0.8898	0.8733	0.8339	0.8085	0.5877	0.4747	0.4709	0.4646
	TI Nov-Mar	1.6961	1.5287	1.5441	1.5155	1.4472	1.4031	1.0199	0.8238	0.8172	0.8062
	TF	0.0793	0.0715	0.0722	0.0709	0.0677	0.0656	0.0477	0.0385	0.0382	0.0377
17	TI Apr-Oct	1.4317	1.3810	1.2045	1.2502	1.2248	1.1766	1.0801	0.9672	0.9266	0.9189
	TI Nov-Mar	2.4847	2.3966	2.0904	2.1697	2.1257	2.0419	1.8745	1.6785	1.6080	1.5948
	TF	0.1162	0.1121	0.0977	0.1015	0.0994	0.0955	0.0877	0.0785	0.0752	0.0746

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
MID 16B represents the F/M Demarcation point.
MID 17 represents the Market Area.
"TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MIDs 1-16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MIDs 1-9 and Delivery MIDs 10-17

RECEIPT DISTRICT		DELIVERY DISTRICT								
		10	11	12	13	14	15	16A	16B	17
1	TI Apr-Oct	0.7781	0.6283	0.7057	0.7666	0.8758	0.9329	0.8707	0.9773	1.3220
	TI Nov-Mar	1.3503	1.0904	1.2247	1.3305	1.5199	1.6190	1.5111	1.6961	2.5708
	TF	0.0631	0.0510	0.0573	0.0622	0.0711	0.0757	0.0707	0.0793	0.1058
2	TI Apr-Oct	0.6752	0.5585	0.6232	0.6778	0.7882	0.9316	0.7920	0.8809	1.2255
	TI Nov-Mar	1.1719	0.9692	1.0815	1.1763	1.3679	1.6168	1.3745	1.5287	2.4034
	TF	0.0548	0.0453	0.0506	0.0550	0.0640	0.0756	0.0643	0.0715	0.0980
3	TI Apr-Oct	0.6968	0.5966	0.6600	0.7159	0.8542	0.9685	0.7260	0.8898	1.2344
	TI Nov-Mar	1.2093	1.0353	1.1454	1.2423	1.4824	1.6807	1.2600	1.5441	2.4188
	TF	0.0565	0.0484	0.0536	0.0581	0.0693	0.0786	0.0589	0.0722	0.0987
4	TI Apr-Oct	0.6054	0.5293	0.5940	0.6486	0.7654	0.9024	0.7463	0.8733	1.2179
	TI Nov-Mar	1.0507	0.9185	1.0309	1.1256	1.3283	1.5662	1.2952	1.5155	2.3902
	TF	0.0491	0.0430	0.0482	0.0526	0.0621	0.0732	0.0606	0.0709	0.0974
5	TI Apr-Oct	0.6384	0.4963	0.5610	0.6156	0.6752	0.8504	0.7590	0.8339	1.1785
	TI Nov-Mar	1.1080	0.8613	0.9736	1.0683	1.1719	1.4758	1.3172	1.4472	2.3219
	TF	0.0518	0.0403	0.0455	0.0500	0.0548	0.0690	0.0616	0.0677	0.0942
6	TI Apr-Oct	0.5801	0.4481	0.5141	0.5686	0.6816	0.8403	0.6752	0.8085	1.1531
	TI Nov-Mar	1.0067	0.7776	0.8921	0.9868	1.1829	1.4582	1.1719	1.4031	2.2778
	TF	0.0471	0.0364	0.0417	0.0461	0.0553	0.0682	0.0548	0.0656	0.0921
7	TI Apr-Oct	0.3795	0.2437	0.3072	0.3630	0.4785	0.7400	0.4734	0.5877	0.9323
	TI Nov-Mar	0.6586	0.4229	0.5331	0.6300	0.8304	1.2842	0.8216	1.0199	1.8946
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0742
7B	TI Apr-Oct	0.3795	0.2437	0.3072	0.3630	0.4785	0.7400	0.4734	0.5877	0.9323
	TI Nov-Mar	0.6586	0.4229	0.5331	0.6300	0.8304	1.2842	0.8216	1.0199	1.8946
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0742
8	TI Apr-Oct	0.2767	0.1650	0.2107	0.2665	0.3732	0.5636	0.3554	0.4709	0.8155
	TI Nov-Mar	0.4802	0.2864	0.3657	0.4626	0.6476	0.9780	0.6168	0.8172	1.6919
	TF	0.0225	0.0134	0.0171	0.0216	0.0303	0.0457	0.0288	0.0382	0.0647
9	TI Apr-Oct	0.2145	0.0965	0.2094	0.2132	0.3364	0.5153	0.3770	0.4646	0.8092
	TI Nov-Mar	0.3723	0.1674	0.3635	0.3701	0.5837	0.8943	0.6542	0.8062	1.6809
	TF	0.0174	0.0078	0.0170	0.0173	0.0273	0.0418	0.0306	0.0377	0.0642

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.

MID 16B represents the F/M Demarcation point.

MID 17 represents the Market Area.

"TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MIDs 1-16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MIDs 10-17 and Delivery MIDs 10-17

RECEIPT DISTRICT		DELIVERY DISTRICT								
		10	11	12	13	14	15	16A	16B	17
10	TI Apr-Oct	0.0152	0.0622	0.1866	0.2386	0.3529	0.4899	0.2907	0.4620	0.8066
	TI Nov-Mar	0.0264	0.1079	0.3238	0.4141	0.6124	0.8503	0.5044	0.8018	1.6765
	TF	0.0012	0.0050	0.0151	0.0194	0.0286	0.0398	0.0236	0.0375	0.0640
11	TI Apr-Oct	0.1358	0.0305	0.0558	0.1561	0.2665	0.4328	0.2259	0.3465	0.6911
	TI Nov-Mar	0.2357	0.0529	0.0969	0.2709	0.4626	0.7511	0.3921	0.6013	1.4760
	TF	0.0110	0.0025	0.0045	0.0127	0.0216	0.0351	0.0183	0.0281	0.0546
12	TI Apr-Oct	0.2120	0.1041	0.1269	0.1942	0.3211	0.4595	0.3084	0.4328	0.7774
	TI Nov-Mar	0.3679	0.1806	0.2203	0.3370	0.5573	0.7974	0.5353	0.7511	1.6258
	TF	0.0172	0.0084	0.0103	0.0158	0.0261	0.0373	0.0250	0.0351	0.0616
13	TI Apr-Oct	0.2780	0.1079	0.1587	0.0711	0.1574	0.3389	0.1282	0.2500	0.5947
	TI Nov-Mar	0.4824	0.1872	0.2753	0.1234	0.2731	0.5881	0.2225	0.4339	1.3086
	TF	0.0226	0.0088	0.0129	0.0058	0.0128	0.0275	0.0104	0.0203	0.0468
14	TI Apr-Oct	0.2450	0.2754	0.3440	0.1079	0.0305	0.4341	0.2437	0.3719	0.7165
	TI Nov-Mar	0.4251	0.4780	0.5969	0.1872	0.0529	0.7533	0.4229	0.6454	1.5201
	TF	0.0199	0.0224	0.0279	0.0088	0.0025	0.0352	0.0198	0.0302	0.0567
15	TI Apr-Oct	0.5547	0.4455	0.5179	0.3287	0.4506	0.0317	0.2170	0.3325	0.6772
	TI Nov-Mar	0.9626	0.7732	0.8987	0.5705	0.7820	0.0551	0.3767	0.5771	1.4518
	TF	0.0450	0.0362	0.0420	0.0267	0.0366	0.0026	0.0176	0.0270	0.0535
16A	TI Apr-Oct	0.4201	0.2424	0.3122	0.1282	0.2488	0.2082	0.0216	0.1193	0.4639
	TI Nov-Mar	0.7291	0.4207	0.5419	0.2225	0.4317	0.3613	0.0374	0.2071	1.0817
	TF	0.0341	0.0197	0.0253	0.0104	0.0202	0.0169	0.0018	0.0097	0.0362
16B	TI Apr-Oct	0.4620	0.3465	0.4328	0.2500	0.3719	0.3325	0.1193	0.0000	0.3446
	TI Nov-Mar	0.8018	0.6013	0.7511	0.4339	0.6454	0.5771	0.2071	0.0000	0.8747
	TF	0.0375	0.0281	0.0351	0.0203	0.0302	0.0270	0.0097	0.0000	0.0265
17	TI Apr-Oct	0.9329	0.7971	0.8682	0.6587	0.4696	0.4836	0.3706	0.5331	0.3446
	TI Nov-Mar	1.6190	1.3833	1.5067	1.1432	0.8150	0.8392	0.6432	0.9252	0.8747
	TF	0.0757	0.0647	0.0705	0.0535	0.0381	0.0392	0.0301	0.0433	0.0265

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
MID 16B represents the F/M Demarcation point.
MID 17 represents the Market Area.
"TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MIDs 1-16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

10. FUEL PERCENTAGES/ELECTRIC COMPRESSION RATES

A. Rate Schedules TF, TFX, GST, TI, & FDD

	<u>Percentages</u>
FUEL PERCENTAGES:	1/ 2/
Market Area (including Out-of-Balance)	0.83%
Field Area	3/ 4/ 5/ 6/
UNACCOUNTED FOR PERCENTAGE (including Out-of-Balance)	0.43% 2/ 5/ 7/
FDD STORAGE FUEL	1.36%
FDD URR PERCENTAGE	0.58% 1/

	<u>Electric Compression</u>
COMMODITY RATES:	1/ 2/
Market Area	\$0.0005
Field Area	\$0.0000

- 1/ Northern will adjust its Fuel, UAF and URR percentages and electric compression commodity rates in accordance with Part 8, Sections 53A and 53B, respectively, of the GENERAL TERMS AND CONDITIONS of this Tariff.
- 2/ There will be no Fuel, electric compression or UAF charges for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no Fuel, electric compression or UAF charges for transportation as set forth in Part 7, Section 6.G., Section 7.E. and Section 8.H.
- 3/ Fuel percentages shall be determined by MID's for the Field Area shown in Subpart C. of this Section.
- 4/ Fuel charged in the Field and Market Areas for a pooling transaction or for processing plant transactions will not exceed the Fuel charged on a unified Field-to-Market transaction having the same initial Field receipt point and ultimate Market delivery point, i.e., the total Fuel collected for transactions that go into and out of pooling points or processing plants in either the Field Area or the Market Area will be no greater than the Fuel that would be collected on the total path between the original receipt point and the ultimate delivery point, subject to the Shipper(s) providing Northern the requisite information.
- 5/ Subpart B. of this Section identifies the specific transportation transactions exempt from Fuel and UAF retention charges.
- 6/ The out-of-balance Fuel percentage for deliveries in MID's 1-7 shall be the applicable Section 1 Transportation Fuel percentage, and for deliveries in MID's 8-16B shall be the applicable Section 2 Transportation Fuel percentage.

- 7/ The UAF percentage utilizes the most recent twelve-month period ending December 31, 2023. For deliveries subject only to UAF, if the above UAF rate is negative, the UAF rate is zero; provided, however Northern will issue a volume credit on the Shipper's monthly imbalance statement equivalent to the negative UAF percentage for such deliveries during the period in which the UAF rate is less than zero.

In the event facilities have been abandoned, Northern shall have the right to file to reduce the applicable MID Fuel percentage(s) on a common basis for all transactions affected by the abandonment to reflect the reduction in use for the remainder of the PRA period. In the event such abandoned facilities (gas compressors) have been replaced with electric compressors installed after October 1, 1998, and Northern reduces the applicable MID Fuel percentages, Northern has the right to file to increase the applicable electric compression commodity rate.

B. Fuel/Unaccounted-For Exemptions

1. Deliveries to Section 1 from the following Section 2 receipt points are exempt from Section 2 Transportation Fuel.

<u>POI Number</u>	<u>Point Name</u>
179	ANR/NNG Greensburg
60667	TW/NNG Gray ITE
71214	TIGT Tescott
71394	ETC Hemphill Plant
78441	Cheyenne Plains
78643	Palo Duro Pampa

2. Receipts from Section 1 to the following Section 2 delivery points are exempt from Section 2 Transportation Fuel.

<u>POI Number</u>	<u>Point Name</u>
4891	WTG-Lark
55610	Mid-States Energy
60667	TW/NNG Gray ITE

3. Deliveries scheduled to the following delivery points from the following receipt points, which are non-contiguous to Northern's system and do not involve use of compression on Northern's system, are exempt from Section 3 Transportation Fuel. The exemption is applicable only to these combinations of receipt and delivery points.

Receipt POI Number	Point Name	Delivery POI Number	Point Name
59265	NBPL/NNG Westbrook	57260	Westbrook MN #1
59265	NBPL/NNG Westbrook	61608	Slayton MN #1
57398	NBPL/NNG Ivanhoe	55888	Ivanhoe MN #1
57399	NBPL/NNG Webster	55936	Webster SD #1
57582	NBPL/NNG Valve #51 Ledyard	57581	Armstrong IA
57582	NBPL/NNG Valve #51 Ledyard	57580	Ledyard/Swea City IA

4. Deliveries scheduled to the following delivery point from the following receipt point, which are non-contiguous to Northern's system and do not involve use of compression on Northern's system, are exempt from Section 2 Transportation Fuel. The exemption is applicable only to this combination of receipt and delivery points.

Receipt POI Number	Point Name	Delivery POI Number	Point Name
78886	Jayhawk Lateral - West End	78856	Scout Energy Jayhawk Plant

5. Account Balance transfers between the following Field Area deferred delivery points, which are located in Fuel Section 1, shall be charged Transportation Fuel and UAF only once. The exemption is applicable only to the transfer between the deferred delivery points listed below.

Deferred Delivery POI Number	Point Name	Deferred Delivery POI Number	Point Name
62996	MW Powertex Hockley	62998	MW New Mexico Lea
71455	Mustang Station	78921	Mustang Station Unit 5
71455	Mustang Station	79049	GSEC Antelope Station Hale Co
78921	Mustang Station Unit 5	79049	GSEC Antelope Station Hale Co

6. For Beaver incidental compression service, fuel charged shall be the actual fuel consumed in providing service.

C. Mileage Indicator Districts Fuel Percentages

Mainline Fuel Receipt MIDs 1-17 and Delivery MIDs 1-8

RECEIPT DISTRICT	MILEAGE INDICATOR DISTRICTS FUEL PERCENTAGES DELIVERY DISTRICT								
	1	2	3	4	5	6	7	7B	8
1	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	0.79%	2.80%
2	0.43%	0.43%	1.22%	1.22%	0.43%	0.43%	1.22%	0.79%	2.80%
3	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	0.79%	2.80%
4	1.22%	1.22%	1.22%	1.22%	0.43%	1.22%	1.22%	0.79%	2.80%
5	1.22%	1.22%	1.22%	1.22%	0.43%	1.22%	1.22%	0.79%	2.80%
6	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	0.79%	2.80%
7	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	0.79%	2.80%
7B	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	0.00%	2.01%
8	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
9	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
10	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
11	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
12	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
13	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
14	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
15	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
16A	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	1.58%	2.01%
16B	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	0.00%	2.01%
17	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	0.00%	2.01%

Note: Transportation Fuel percentages include the UAF percent as set forth in Subpart 10.A. of this Section.

Northern will adjust its Fuel percentages in accordance with Part 8, Section 53A of the GENERAL TERMS AND CONDITIONS of this Tariff.

Mainline Fuel Receipt MIDs 1-17 and Delivery MIDs 9-17

	MILEAGE INDICATOR DISTRICTS FUEL PERCENTAGES DELIVERY DISTRICT									
RECEIPT DISTRICT	9	10	11	12	13	14	15	16A	16B	17
1	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.37%	3.63%
2	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.37%	3.63%
3	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.37%	3.63%
4	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.37%	3.63%
5	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.37%	3.63%
6	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.37%	3.63%
7	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%	2.37%	3.63%
7B	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.58%	2.84%
8	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.58%	2.84%
9	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.58%	2.84%
10	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.58%	2.84%
11	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.58%	2.84%
12	2.01%	2.01%	2.01%	0.43%	2.01%	0.43%	2.01%	2.01%	1.58%	2.84%
13	2.01%	2.01%	2.01%	0.43%	2.01%	0.43%	2.01%	2.01%	1.58%	2.84%
14	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.58%	2.84%
15	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.58%	2.84%
16A	2.01%	2.01%	2.01%	0.43%	0.43%	0.43%	0.43%	0.43%	1.58%	2.84%
16B	2.01%	2.01%	2.01%	0.43%	0.43%	0.43%	0.43%	0.43%	0.00%	1.26%
17	2.01%	2.01%	2.01%	0.43%	0.43%	0.43%	0.43%	0.43%	0.00%	1.26%

Note: Transportation Fuel percentages include the UAF percent as set forth in Subpart 10.A. of this Section.

Northern will adjust its Fuel percentages in accordance with Part 8, Section 53A of the GENERAL TERMS AND CONDITIONS of this Tariff.

9. MILEAGE INDICATOR DISTRICT CHARGES

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MIDs 1-9 and Delivery MIDs 1-9

RECEIPT DISTRICT		DELIVERY DISTRICT									
		1	2	3	4	5	6	7	7B	8	9
1	TI Apr-Oct	0.0495	0.1193	0.2500	0.3554	0.3998	0.2843	0.3249	0.4277	0.7628	0.6575
	TI Nov-Mar	0.0859	0.2071	0.4339	0.6168	0.6939	0.4934	0.5639	0.7423	1.3239	1.1410
	TF	0.0040	0.0097	0.0203	0.0288	0.0324	0.0231	0.0264	0.0347	0.0619	0.0534
2	TI Apr-Oct	0.0584	0.0089	0.0901	0.2437	0.3160	0.2094	0.2640	0.3668	0.6803	0.5775
	TI Nov-Mar	0.1013	0.0154	0.1564	0.4229	0.5485	0.3635	0.4582	0.6366	1.1807	1.0022
	TF	0.0047	0.0007	0.0073	0.0198	0.0256	0.0170	0.0214	0.0298	0.0552	0.0469
3	TI Apr-Oct	0.3935	0.2551	0.0660	0.0774	0.3465	0.2145	0.1599	0.2627	0.7146	0.6105
	TI Nov-Mar	0.6829	0.4428	0.1145	0.1344	0.6013	0.3723	0.2775	0.4560	1.2401	1.0595
	TF	0.0319	0.0207	0.0054	0.0063	0.0281	0.0174	0.0130	0.0213	0.0580	0.0495
4	TI Apr-Oct	0.3795	0.3376	0.2386	0.0571	0.2094	0.1434	0.2247	0.3275	0.6524	0.5458
	TI Nov-Mar	0.6586	0.5859	0.4141	0.0991	0.3635	0.2489	0.3899	0.5683	1.1322	0.9472
	TF	0.0308	0.0274	0.0194	0.0046	0.0170	0.0116	0.0182	0.0266	0.0529	0.0443
5	TI Apr-Oct	0.3478	0.3135	0.2462	0.2209	0.0343	0.0965	0.1739	0.2767	0.6181	0.5128
	TI Nov-Mar	0.6036	0.5441	0.4273	0.3833	0.0595	0.1674	0.3018	0.4802	1.0727	0.8899
	TF	0.0282	0.0254	0.0200	0.0179	0.0028	0.0078	0.0141	0.0225	0.0502	0.0416
6	TI Apr-Oct	0.2209	0.1764	0.0635	0.0952	0.1307	0.0850	0.1003	0.2031	0.5712	0.4176
	TI Nov-Mar	0.3833	0.3062	0.1101	0.1652	0.2269	0.1476	0.1740	0.3524	0.9912	0.7247
	TF	0.0179	0.0143	0.0052	0.0077	0.0106	0.0069	0.0081	0.0165	0.0464	0.0339
7	TI Apr-Oct	0.3808	0.3313	0.3173	0.2513	0.2691	0.1587	0.1269	0.2297	0.3655	0.2589
	TI Nov-Mar	0.6608	0.5749	0.5507	0.4361	0.4670	0.2753	0.2203	0.3987	0.6344	0.4494
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0186	0.0297	0.0210
7B	TI Apr-Oct	0.3808	0.3313	0.3173	0.2513	0.2691	0.1587	0.1269	0.0000	0.3655	0.2589
	TI Nov-Mar	0.6608	0.5749	0.5507	0.4361	0.4670	0.2753	0.2203	0.0000	0.6344	0.4494
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0000	0.0297	0.0210
8	TI Apr-Oct	0.7628	0.7222	0.6676	0.6587	0.6524	0.5267	0.5458	0.4328	0.0102	0.2627
	TI Nov-Mar	1.3239	1.2534	1.1586	1.1432	1.1322	0.9141	0.9472	0.7511	0.0176	0.4560
	TF	0.0619	0.0586	0.0542	0.0535	0.0529	0.0427	0.0443	0.0351	0.0008	0.0213
9	TI Apr-Oct	0.6626	0.6169	0.5547	0.5166	0.4417	0.4506	0.3084	0.1955	0.1612	0.0850
	TI Nov-Mar	1.1498	1.0705	0.9626	0.8965	0.7666	0.7820	0.5353	0.3392	0.2797	0.1476
	TF	0.0538	0.0501	0.0450	0.0419	0.0358	0.0366	0.0250	0.0159	0.0131	0.0069

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MIDs 1-16A.

"TF" is applicable to Rate Schedules TF and TFX.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MIDs 10-17 and Delivery MIDs 1-9

RECEIPT DISTRICT		DELIVERY DISTRICT									
		1	2	3	4	5	6	7	7B	8	9
10	TI Apr-Oct	0.6752	0.6981	0.6740	0.5839	0.4861	0.4937	0.3706	0.2577	0.2424	0.2082
	TI Nov-Mar	1.1719	1.2115	1.1697	1.0133	0.8437	0.8569	0.6432	0.4472	0.4207	0.3613
	TF	0.0548	0.0567	0.0547	0.0474	0.0394	0.0401	0.0301	0.0209	0.0197	0.0169
11	TI Apr-Oct	0.6486	0.5991	0.5420	0.4760	0.4684	0.2627	0.3262	0.2132	0.1358	0.1701
	TI Nov-Mar	1.1256	1.0397	0.9406	0.8260	0.8128	0.4560	0.5661	0.3701	0.2357	0.2952
	TF	0.0526	0.0486	0.0440	0.0386	0.0380	0.0213	0.0265	0.0173	0.0110	0.0138
12	TI Apr-Oct	0.7019	0.6524	0.6524	0.5559	0.5940	0.4811	0.3782	0.2653	0.2120	0.2005
	TI Nov-Mar	1.2181	1.1322	1.1322	0.9648	1.0309	0.8348	0.6564	0.4604	0.3679	0.3480
	TF	0.0570	0.0529	0.0529	0.0451	0.0482	0.0390	0.0307	0.0215	0.0172	0.0163
13	TI Apr-Oct	0.6626	0.6613	0.6702	0.6004	0.6016	0.5052	0.4062	0.2932	0.2234	0.2094
	TI Nov-Mar	1.1498	1.1476	1.1631	1.0419	1.0441	0.8767	0.7049	0.5088	0.3877	0.3635
	TF	0.0538	0.0537	0.0544	0.0487	0.0488	0.0410	0.0330	0.0238	0.0181	0.0170
14	TI Apr-Oct	0.8123	0.8479	0.8085	0.7413	0.6854	0.6499	0.5636	0.4506	0.3935	0.3859
	TI Nov-Mar	1.4098	1.4714	1.4031	1.2864	1.1895	1.1278	0.9780	0.7820	0.6829	0.6696
	TF	0.0659	0.0688	0.0656	0.0602	0.0556	0.0527	0.0457	0.0366	0.0319	0.0313
15	TI Apr-Oct	1.0687	1.0243	1.0078	0.9075	0.8834	0.8568	0.7603	0.6473	0.5801	0.5686
	TI Nov-Mar	1.8547	1.7776	1.7490	1.5750	1.5331	1.4869	1.3194	1.1234	1.0067	0.9868
	TF	0.0867	0.0831	0.0818	0.0736	0.0717	0.0695	0.0617	0.0525	0.0471	0.0461
16A	TI Apr-Oct	0.8694	0.8136	0.8517	0.7044	0.7590	0.5978	0.5369	0.4239	0.3706	0.3630
	TI Nov-Mar	1.5089	1.4120	1.4780	1.2225	1.3172	1.0375	0.9318	0.7357	0.6432	0.6300
	TF	0.0706	0.0660	0.0691	0.0572	0.0616	0.0485	0.0436	0.0344	0.0301	0.0295
16B	TI Apr-Oct	0.9773	0.8809	0.8898	0.8733	0.8339	0.8085	0.5877	0.4747	0.4709	0.4646
	TI Nov-Mar	1.6961	1.5287	1.5441	1.5155	1.4472	1.4031	1.0199	0.8238	0.8172	0.8062
	TF	0.0793	0.0715	0.0722	0.0709	0.0677	0.0656	0.0477	0.0385	0.0382	0.0377
17	TI Apr-Oct	1.4317	1.3810	1.2045	1.2502	1.2248	1.1766	1.0801	0.9672	0.9266	0.9189
	TI Nov-Mar	2.4847	2.3966	2.0904	2.1697	2.1257	2.0419	1.8745	1.6785	1.6080	1.5948
	TF	0.1162	0.1121	0.0977	0.1015	0.0994	0.0955	0.0877	0.0785	0.0752	0.0746

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
MID 16B represents the F/M Demarcation point.
MID 17 represents the Market Area.
"TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MIDs 1-16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MIDs 1-9 and Delivery MIDs 10-17

RECEIPT DISTRICT		DELIVERY DISTRICT								
		10	11	12	13	14	15	16A	16B	17
1	TI Apr-Oct	0.7781	0.6283	0.7057	0.7666	0.8758	0.9329	0.8707	0.9773	1.3220 4
	TI Nov-Mar	1.3503	1.0904	1.2247	1.3305	1.5199	1.6190	1.5111	1.6961	2.5708 9
	TF	0.0631	0.0510	0.0573	0.0622	0.0711	0.0757	0.0707	0.0793	0.1058 9
2	TI Apr-Oct	0.6752	0.5585	0.6232	0.6778	0.7882	0.9316	0.7920	0.8809	1.2255 6
	TI Nov-Mar	1.1719	0.9692	1.0815	1.1763	1.3679	1.6168	1.3745	1.5287	2.4034 5
	TF	0.0548	0.0453	0.0506	0.0550	0.0640	0.0756	0.0643	0.0715	0.0980 4
3	TI Apr-Oct	0.6968	0.5966	0.6600	0.7159	0.8542	0.9685	0.7260	0.8898	1.2344 5
	TI Nov-Mar	1.2093	1.0353	1.1454	1.2423	1.4824	1.6807	1.2600	1.5441	2.4188 9
	TF	0.0565	0.0484	0.0536	0.0581	0.0693	0.0786	0.0589	0.0722	0.0987 8
4	TI Apr-Oct	0.6054	0.5293	0.5940	0.6486	0.7654	0.9024	0.7463	0.8733	1.2179 80
	TI Nov-Mar	1.0507	0.9185	1.0309	1.1256	1.3283	1.5662	1.2952	1.5155	2.3902 3
	TF	0.0491	0.0430	0.0482	0.0526	0.0621	0.0732	0.0606	0.0709	0.0974 5
5	TI Apr-Oct	0.6384	0.4963	0.5610	0.6156	0.6752	0.8504	0.7590	0.8339	1.1785 6
	TI Nov-Mar	1.1080	0.8613	0.9736	1.0683	1.1719	1.4758	1.3172	1.4472	2.3219 20
	TF	0.0518	0.0403	0.0455	0.0500	0.0548	0.0690	0.0616	0.0677	0.0942 3
6	TI Apr-Oct	0.5801	0.4481	0.5141	0.5686	0.6816	0.8403	0.6752	0.8085	1.1531 2
	TI Nov-Mar	1.0067	0.7776	0.8921	0.9868	1.1829	1.4582	1.1719	1.4031	2.2778 9
	TF	0.0471	0.0364	0.0417	0.0461	0.0553	0.0682	0.0548	0.0656	0.0921 2
7	TI Apr-Oct	0.3795	0.2437	0.3072	0.3630	0.4785	0.7400	0.4734	0.5877	0.9323 4
	TI Nov-Mar	0.6586	0.4229	0.5331	0.6300	0.8304	1.2842	0.8216	1.0199	1.8946 7
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0742 3
7B	TI Apr-Oct	0.3795	0.2437	0.3072	0.3630	0.4785	0.7400	0.4734	0.5877	0.9323 4
	TI Nov-Mar	0.6586	0.4229	0.5331	0.6300	0.8304	1.2842	0.8216	1.0199	1.8946 7
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0742 3
8	TI Apr-Oct	0.2767	0.1650	0.2107	0.2665	0.3732	0.5636	0.3554	0.4709	0.8155 6
	TI Nov-Mar	0.4802	0.2864	0.3657	0.4626	0.6476	0.9780	0.6168	0.8172	1.6919 20
	TF	0.0225	0.0134	0.0171	0.0216	0.0303	0.0457	0.0288	0.0382	0.0647 8
9	TI Apr-Oct	0.2145	0.0965	0.2094	0.2132	0.3364	0.5153	0.3770	0.4646	0.8092 3
	TI Nov-Mar	0.3723	0.1674	0.3635	0.3701	0.5837	0.8943	0.6542	0.8062	1.6809 40
	TF	0.0174	0.0078	0.0170	0.0173	0.0273	0.0418	0.0306	0.0377	0.0642 3

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.

MID 16B represents the F/M Demarcation point.

MID 17 represents the Market Area.

"TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MIDs 1-16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICT CHARGES (dollars per Dth) Receipt MIDs 10-17 and Delivery MIDs 10-17

RECEIPT DISTRICT		DELIVERY DISTRICT								
		10	11	12	13	14	15	16A	16B	17
10	TI Apr-Oct	0.0152	0.0622	0.1866	0.2386	0.3529	0.4899	0.2907	0.4620	0.8066 7
	TI Nov-Mar	0.0264	0.1079	0.3238	0.4141	0.6124	0.8503	0.5044	0.8018	1.6765 6
	TF	0.0012	0.0050	0.0151	0.0194	0.0286	0.0398	0.0236	0.0375	0.0640 4
11	TI Apr-Oct	0.1358	0.0305	0.0558	0.1561	0.2665	0.4328	0.2259	0.3465	0.6911 2
	TI Nov-Mar	0.2357	0.0529	0.0969	0.2709	0.4626	0.7511	0.3921	0.6013	1.4760 4
	TF	0.0110	0.0025	0.0045	0.0127	0.0216	0.0351	0.0183	0.0281	0.0546 7
12	TI Apr-Oct	0.2120	0.1041	0.1269	0.1942	0.3211	0.4595	0.3084	0.4328	0.7774 5
	TI Nov-Mar	0.3679	0.1806	0.2203	0.3370	0.5573	0.7974	0.5353	0.7511	1.6258 9
	TF	0.0172	0.0084	0.0103	0.0158	0.0261	0.0373	0.0250	0.0351	0.0616 7
13	TI Apr-Oct	0.2780	0.1079	0.1587	0.0711	0.1574	0.3389	0.1282	0.2500	0.5947 8
	TI Nov-Mar	0.4824	0.1872	0.2753	0.1234	0.2731	0.5881	0.2225	0.4339	1.3086 7
	TF	0.0226	0.0088	0.0129	0.0058	0.0128	0.0275	0.0104	0.0203	0.0468 9
14	TI Apr-Oct	0.2450	0.2754	0.3440	0.1079	0.0305	0.4341	0.2437	0.3719	0.7165 6
	TI Nov-Mar	0.4251	0.4780	0.5969	0.1872	0.0529	0.7533	0.4229	0.6454	1.5201 2
	TF	0.0199	0.0224	0.0279	0.0088	0.0025	0.0352	0.0198	0.0302	0.0567 8
15	TI Apr-Oct	0.5547	0.4455	0.5179	0.3287	0.4506	0.0317	0.2170	0.3325	0.6772 3
	TI Nov-Mar	0.9626	0.7732	0.8987	0.5705	0.7820	0.0551	0.3767	0.5771	1.4518 9
	TF	0.0450	0.0362	0.0420	0.0267	0.0366	0.0026	0.0176	0.0270	0.0535 6
16A	TI Apr-Oct	0.4201	0.2424	0.3122	0.1282	0.2488	0.2082	0.0216	0.1193	0.4639 40
	TI Nov-Mar	0.7291	0.4207	0.5419	0.2225	0.4317	0.3613	0.0374	0.2071	1.0817 8
	TF	0.0341	0.0197	0.0253	0.0104	0.0202	0.0169	0.0018	0.0097	0.0362 3
16B	TI Apr-Oct	0.4620	0.3465	0.4328	0.2500	0.3719	0.3325	0.1193	0.0000	0.3446 7
	TI Nov-Mar	0.8018	0.6013	0.7511	0.4339	0.6454	0.5771	0.2071	0.0000	0.8747 8
	TF	0.0375	0.0281	0.0351	0.0203	0.0302	0.0270	0.0097	0.0000	0.0265 6
17	TI Apr-Oct	0.9329	0.7971	0.8682	0.6587	0.4696	0.4836	0.3706	0.5331	0.3446 7
	TI Nov-Mar	1.6190	1.3833	1.5067	1.1432	0.8150	0.8392	0.6432	0.9252	0.8747 8
	TF	0.0757	0.0647	0.0705	0.0535	0.0381	0.0392	0.0301	0.0433	0.0265 6

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
MID 16B represents the F/M Demarcation point.
MID 17 represents the Market Area.
"TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include:

- (1) the appropriate Market Area Commodity rate for deliveries to MID 17;
- (2) the applicable Market Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MID 17; and
- (3) the applicable Field Area Electric Compression commodity rate as set forth in Part 4, Section 10.A. for deliveries to MIDs 1-16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

10. FUEL PERCENTAGES/ELECTRIC COMPRESSION RATES

A. Rate Schedules TF, TFX, GST, TI, & FDD

Percentages

FUEL PERCENTAGES:

1/ 2/

Market Area (including Out-of-Balance)

0.8~~3~~4%

Field Area

3/ 4/ 5/ 6/

UNACCOUNTED FOR PERCENTAGE (including Out-of-Balance)

0.4~~30~~8% 2/ 5/ 7/

FDD STORAGE FUEL

1.3~~6~~49%

FDD URR PERCENTAGE

0.5~~8~~72% 1/

Electric Compression

COMMODITY RATES:

1/ 2/

Market Area

\$0.000~~5~~6

Field Area

\$0.0000

- 1/ Northern will adjust its Fuel, UAF and URR percentages and electric compression commodity rates in accordance with Part 8, Sections 53A and 53B, respectively, of the GENERAL TERMS AND CONDITIONS of this Tariff.
- 2/ There will be no Fuel, electric compression or UAF charges for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no Fuel, electric compression or UAF charges for transportation as set forth in Part 7, Section 6.G., Section 7.E. and Section 8.H.
- 3/ Fuel percentages shall be determined by MID's for the Field Area shown in Subpart C. of this Section.
- 4/ Fuel charged in the Field and Market Areas for a pooling transaction or for processing plant transactions will not exceed the Fuel charged on a unified Field-to-Market transaction having the same initial Field receipt point and ultimate Market delivery point, i.e., the total Fuel collected for transactions that go into and out of pooling points or processing plants in either the Field Area or the Market Area will be no greater than the Fuel that would be collected on the total path between the original receipt point and the ultimate delivery point, subject to the Shipper(s) providing Northern the requisite information.
- 5/ Subpart B. of this Section identifies the specific transportation transactions exempt from Fuel and UAF retention charges.
- 6/ The out-of-balance Fuel percentage for deliveries in MID's 1-7 shall be the applicable Section 1 Transportation Fuel percentage, and for deliveries in MID's 8-16B shall be the applicable Section 2 Transportation Fuel percentage.

- 7/ The UAF percentage utilizes the most recent twelve-month period ending December 31, 2023. For deliveries subject only to UAF, if the above UAF rate is negative, the UAF rate is zero; provided, however Northern will issue a volume credit on the Shipper's monthly imbalance statement equivalent to the negative UAF percentage for such deliveries during the period in which the UAF rate is less than zero.

In the event facilities have been abandoned, Northern shall have the right to file to reduce the applicable MID Fuel percentage(s) on a common basis for all transactions affected by the abandonment to reflect the reduction in use for the remainder of the PRA period. In the event such abandoned facilities (gas compressors) have been replaced with electric compressors installed after October 1, 1998, and Northern reduces the applicable MID Fuel percentages, Northern has the right to file to increase the applicable electric compression commodity rate.

B. Fuel/Unaccounted-For Exemptions

1. Deliveries to Section 1 from the following Section 2 receipt points are exempt from Section 2 Transportation Fuel.

<u>POI Number</u>	<u>Point Name</u>
179	ANR/NNG Greensburg
60667	TW/NNG Gray ITE
71214	TIGT Tescott
71394	ETC Hemphill Plant
78441	Cheyenne Plains
78643	Palo Duro Pampa

2. Receipts from Section 1 to the following Section 2 delivery points are exempt from Section 2 Transportation Fuel.

<u>POI Number</u>	<u>Point Name</u>
4891	WTG-Lark
55610	Mid-States Energy
60667	TW/NNG Gray ITE

3. Deliveries scheduled to the following delivery points from the following receipt points, which are non-contiguous to Northern's system and do not involve use of compression on Northern's system, are exempt from Section 3 Transportation Fuel. The exemption is applicable only to these combinations of receipt and delivery points.

Receipt POI Number	Point Name	Delivery POI Number	Point Name
59265	NBPL/NNG Westbrook	57260	Westbrook MN #1
59265	NBPL/NNG Westbrook	61608	Slayton MN #1
57398	NBPL/NNG Ivanhoe	55888	Ivanhoe MN #1
57399	NBPL/NNG Webster	55936	Webster SD #1
57582	NBPL/NNG Valve #51 Ledyard	57581	Armstrong IA
57582	NBPL/NNG Valve #51 Ledyard	57580	Ledyard/Swea City IA

4. Deliveries scheduled to the following delivery point from the following receipt point, which are non-contiguous to Northern's system and do not involve use of compression on Northern's system, are exempt from Section 2 Transportation Fuel. The exemption is applicable only to this combination of receipt and delivery points.

Receipt POI Number	Point Name	Delivery POI Number	Point Name
78886	Jayhawk Lateral - West End	78856	Scout Energy Jayhawk Plant

5. Account Balance transfers between the following Field Area deferred delivery points, which are located in Fuel Section 1, shall be charged Transportation Fuel and UAF only once. The exemption is applicable only to the transfer between the deferred delivery points listed below.

Deferred Delivery POI Number	Point Name	Deferred Delivery POI Number	Point Name
62996	MW Powertex Hockley	62998	MW New Mexico Lea
71455	Mustang Station	78921	Mustang Station Unit 5
71455	Mustang Station	79049	GSEC Antelope Station Hale Co
78921	Mustang Station Unit 5	79049	GSEC Antelope Station Hale Co

6. For Beaver incidental compression service, fuel charged shall be the actual fuel consumed in providing service.

C. Mileage Indicator Districts Fuel Percentages

Mainline Fuel Receipt MIDs 1-17 and Delivery MIDs 1-8

	MILEAGE INDICATOR DISTRICTS FUEL PERCENTAGES								
	DELIVERY DISTRICT								
RECEIPT DISTRICT	1	2	3	4	5	6	7	7B	8
1	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.79%</u>	<u>2.80%</u>
2	<u>0.43%</u>	<u>0.43%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>1.22%</u>	<u>0.79%</u>	<u>2.80%</u>
3	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.79%</u>	<u>2.80%</u>
4	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.43%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.79%</u>	<u>2.80%</u>
5	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.43%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.79%</u>	<u>2.80%</u>
6	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.79%</u>	<u>2.80%</u>
7	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.79%</u>	<u>2.80%</u>
7B	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.00%</u>	<u>2.01%</u>
8	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
9	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
10	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
11	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
12	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
13	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
14	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
15	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
16A	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>1.58%</u>	<u>2.01%</u>
16B	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.00%</u>	<u>2.01%</u>
17	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>1.22%</u>	<u>0.00%</u>	<u>2.01%</u>
1	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.70%</u>	<u>2.42%</u>
2	<u>0.08%</u>	<u>0.08%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.78%</u>	<u>0.70%</u>	<u>2.42%</u>
3	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.70%</u>	<u>2.42%</u>
4	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.08%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.70%</u>	<u>2.42%</u>
5	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.08%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.70%</u>	<u>2.42%</u>
6	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.70%</u>	<u>2.42%</u>
7	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.70%</u>	<u>2.42%</u>
7B	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.00%</u>	<u>1.72%</u>
8	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
9	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
10	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
11	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
12	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
13	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
14	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
15	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
16A	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>1.64%</u>	<u>1.72%</u>
16B	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.00%</u>	<u>1.72%</u>
17	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.78%</u>	<u>0.00%</u>	<u>1.72%</u>

Note: Transportation Fuel percentages include the UAF percent as set forth in Subpart 10.A. of this Section.

Northern will adjust its Fuel percentages in accordance with Part 8, Section 53A of the GENERAL TERMS AND CONDITIONS of this Tariff.

Mainline Fuel Receipt MIDs 1-17 and Delivery MIDs 9-17

	MILEAGE INDICATOR DISTRICTS FUEL PERCENTAGES DELIVERY DISTRICT									
RECEIPT DISTRICT	9	10	11	12	13	14	15	16A	16B	17
<u>1</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.37%</u>	<u>3.63%</u>
<u>2</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.37%</u>	<u>3.63%</u>
<u>3</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.37%</u>	<u>3.63%</u>
<u>4</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.37%</u>	<u>3.63%</u>
<u>5</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.37%</u>	<u>3.63%</u>
<u>6</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.37%</u>	<u>3.63%</u>
<u>7</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.80%</u>	<u>2.37%</u>	<u>3.63%</u>
<u>7B</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>8</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>9</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>10</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>11</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>12</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>0.43%</u>	<u>2.01%</u>	<u>0.43%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>13</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>0.43%</u>	<u>2.01%</u>	<u>0.43%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>14</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>15</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>16A</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>1.58%</u>	<u>2.84%</u>
<u>16B</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.00%</u>	<u>1.26%</u>
<u>17</u>	<u>2.01%</u>	<u>2.01%</u>	<u>2.01%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.43%</u>	<u>0.00%</u>	<u>1.26%</u>
<u>1</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.34%</u>	<u>3.26%</u>
<u>2</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.34%</u>	<u>3.26%</u>
<u>3</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.34%</u>	<u>3.26%</u>
<u>4</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.34%</u>	<u>3.26%</u>
<u>5</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.34%</u>	<u>3.26%</u>
<u>6</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.34%</u>	<u>3.26%</u>
<u>7</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.42%</u>	<u>2.34%</u>	<u>3.26%</u>
<u>7B</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>8</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>9</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>10</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>11</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>12</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>0.08%</u>	<u>1.72%</u>	<u>0.08%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>13</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>0.08%</u>	<u>1.72%</u>	<u>0.08%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>14</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>15</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>16A</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>1.64%</u>	<u>2.56%</u>
<u>16B</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.00%</u>	<u>0.92%</u>
<u>17</u>	<u>1.72%</u>	<u>1.72%</u>	<u>1.72%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.08%</u>	<u>0.00%</u>	<u>0.92%</u>

Note: Transportation Fuel percentages include the UAF percent as set forth in Subpart 10.A. of this Section.

Northern will adjust its Fuel percentages in accordance with Part 8, Section 53A of the GENERAL TERMS AND CONDITIONS of this Tariff.

NORTHERN NATURAL GAS COMPANY
PERIODIC RATE ADJUSTMENTS FOR FUEL
FUEL CONSUMED DATA - TRANSPORTATION AND STORAGE
JANUARY 2024 through DECEMBER 2024

SCHEDULE 1

Sec /1	MID Zone	Mainline Storage	Station Number	Station Name	Source: Measurement Data warehouse												Annual
					Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	
S1	MID 2	ML	990003	PLYMOUTH SPRABERRY UNMETERED	4	4	8	4	4	4	4	4	4	4	4	4	52
S1	MID 2	ML	990031	PLYMOUTH BLOW AND PURGE	2	2	8	2	2	2	2	2	2	2	6	6	38
S1	MID 3	ML	961206	BAKERSFIELD COMPRESSOR STATION FUEL	41,033	37,465	39,465	38,159	38,043	30,183	38,833	38,759	38,109	38,873	39,520	41,295	459,737
S1	MID 3	ML	961340	BHECS LEASED UNIT - SPRABERRY	13,465	12,527	13,384	13,050	13,073	11,357	13,301	13,324	13,027	13,501	12,829	13,168	156,006
S1	MID 3	ML	961341	SPRABERRY COMPRESSOR TRANS	5,671	1,685	1,270	2,473	4,067	2,040	3,166	4,151	3,920	2,723	672	317	32,155
S1	MID 3	ML	961342	SPRABERRY RECOMP STA TRANS	7,021	6,492	6,989	5,916	5,952	6,176	8,843	6,096	8,267	7,508	5,127	6,493	80,880
S1	MID 3	ML	961343	SPRABERRY COMPRESSOR STATION FUELS	18,156	10,044	11,028	9,450	18,186	12,036	18,244	19,602	18,402	17,886	15,583	8,825	177,442
S1	MID 3	ML	961601	SPRAYBERRY OFFICE FUEL	1,037	592	364	92	8		2		2	60	270	537	2,964
S1	MID 3	ML	990004	SPRABERRY AND HOBBS PLAINS UNMETERED	99	95	344	370	180	181	14	14	14	14	179	14	1,518
S1	MID 3	ML	990022	MITCHELL TO PLY TM BLOW AND PURGE	47	47	47	47	47	47	47	47	47	47	47	47	564
S1	MID 3	ML	990034	SPRABERRY BLOW AND PURGE	77	98	167	74	156	706	121	101	172	120	135	79	2,006
S1	MID 3	ML	990109	BAKERSFIELD COMPRESSOR UNMETERED	2	64	2	2	2	460	2	2	73	384	2	2	997
S1	MID 4	ML	961571	KERMIT COMPRESSOR STATION	1,466	1	6	720	26	1	28	41	16	20,476	13,988	1	36,770
S1	MID 4	ML	990106	KERMIT TURBINE STATION UNS	313		492	155				640	726	248	141		2,715
S1	MID 5	ML	990043	HOBBS TO PLAINS 26 BLOW PURGE					17								17
S1	MID 6	ML	960482	GAINES COUNTY CROSSOVER COMPRESSOR FUEL	52,967	43,063	48,274	43,794	42,272	39,413	45,658	48,896	46,271	41,010	43,623	49,470	544,711
S1	MID 6	ML	961421	SEMINOLE COMP STA.TRAN.	43,478	30,796	61,750	52,079	55,714	61,792	64,337	62,802	59,368	55,747	59,871	56,377	664,111
S1	MID 6	ML	961451	BROWNFIELD COMP.STA.-TRANS.	51,518	48,517	55,425	50,468	50,355	46,667	50,371	51,098	47,154	47,949	52,642	51,912	604,076
S1	MID 6	ML	962145	PLAINS COMPRESSOR FUEL	2	171	2	3,495	1	1	1	1	126	1	10	1	3,812
S1	MID 6	ML	990005	BROWNFIELD TO PLAINVIEW UNMETERED					60	121				30	120		331
S1	MID 6	ML	990008	PLAINS 26 UNMETERED	9	9	27	41	9	9	9	9	20	9	26	9	186
S1	MID 6	ML	990107	PLAINVIEW UNMETERED	867	727	437	438	664	1,737	2,508	2,099	296	10	1,070	436	11,289
S1	MID 6	ML	990108	GAINES COUNTY CROSSOVER COMPRESSOR UNS	94		66		46	239	143	48	24		101	47	808
S1	MID 7	ML	961401	PLAINVIEW COMP.STA.-TRANS.	53,644	52,693	62,446	54,597	49,450	37,586	30,587	23,491	19,409		6	50,561	491,833
S1	MID 7	ML	961431	CLAUDE TURBINE FUEL	39,398	35,273	63,392	60,348	53,536	45,261	45,908	37,558	37,411	62,291	55,244	45,338	580,958
S1	MID 7	ML	990028	CLAUDE UNMETERED	397	971	728	969	515	1,407	678	1,116	765	458	23,921	1,390	33,315
S1 Total					330,767	281,336	366,121	336,743	332,385	297,426	322,807	309,901	293,625	309,361	375,692	333,127	3,889,291
S2	MID 10	ML	961201	SUNRAY FUEL COMP AUX BLDG	39,849	25,138	16,878	6,599	12,085	13,860	6,852	19,168	14,784	17,192	21,982	15,001	209,388
S2	MID 10	ML	990019	SUNRAY C LINE UNMETERED	45	45	45	45	45	45	534	46	45	44	44	44	1,027
S2	MID 10	ML	990030	SUNRAY UNMETERED	68	62	57	106	91	62	71	59	68	395	2,778	395	4,212
S2	MID 11	ML	960448	BEAVER WAREHOUSE #3	63	50	36	30	14					10	36	48	287
S2	MID 11	ML	960449	BEAVER EMPLOYEE BLDG.	280	175	161	89	46	6	2	8	14	62	153	200	1,196
S2	MID 11	ML	960450	BEAVER OFFICE/TECH	460	316	280	184	92	12	12	16	20	52	256	312	2,012
S2	MID 11	ML	960466	BEAVER PLANT BOILER FUEL	237	168	204	588		99	207	222	204	237	312	363	2,841
S2	MID 11	ML	961020	BEAVER PLANT BLDG 1 ENGINES 14-18	8,089	16,972	10,018	4,758	12,254	17,030	16,571	11,169	9,031	9,782	16,239	18,132	150,045
S2	MID 11	ML	961022	BEAVER PLANT BLDG 2	51,180	33,899	58,154	56,803	38,609	31,800	32,216	34,986	30,696	44,449	34,291	35,169	482,252
S2	MID 11	ML	961049	BEAVER PLANT AUX BU GEN FUEL	2	2	2	2	6	3		3	3	4	2	3	35
S2	MID 11	ML	961519	BEAVER PLANT BUILDING 1 HEATER FUEL	952	875	892	649	29						65	815	4,277
S2	MID 11	ML	961520	BEAVER PLANT BUILDING 2 HEATER FUEL	395	348	345	236	22						210		1,556
S2	MID 11	ML	990012	BEAVER PLANT UNMETERED	2,240	1,938	1,919	2,030	1,959	1,974	2,138	1,993	1,991	1,920	2,004	1,942	24,048
S2	MID 13	ML	961117	CUT STATION HEATER	60	63	18							36	52	52	281
S2	MID 13	ML	961118	MULLINVILLE UNIT 27 FUEL	79,657	71,644	79,243	59,013	57,450	50,965	7,042	41,259	59,199	74,792	77,389	71,240	728,893
S2	MID 13	ML	961119	MULLINVILLE PLANT HEATER FUEL	14	12	10	10	6	8	6	48					114
S2	MID 13	ML	961120	MULLINVILLE DOMESTIC FUEL	130	76	58	30	12		2			4	56	78	446
S2	MID 13	ML	961122	MULL#2 MEAS STA-#2 STA FU	29,392	19,246	16,110	16,880	7,987	17,443	9,365	24,363	10,423	5,488	18,779	23,465	198,941
S2	MID 13	ML	961123	MULL#3-AUX&BOILER FUEL	3,018	2,460	2,491	909	5	3	2	1	2	1575	3229	3239	16,934
S2	MID 13	ML	961126	DODGE CITY TBS HEATER FUEL	969	723	776	605	473	372	351	291	315	543	486	883	6,787
S2	MID 13	ML	990010	MULLINVILLE UNMETERED	741	709	1,056	847	698	832	2,126	810	13	1,633	787	733	10,985
S2	MID 13	ML	990023	MULLINVILLE TRANS PURGE VENT	57	103	104	59	60	59	60	58	58	56	56	56	786
S2	MID 14	ML	961582	SUBLETTE DOMESTIC FUEL GAS	177	112	61										350
S2	MID 14	ML	990009	SUBLETTE UNMETERED	31	29	31	30	31	31	32	32	30	32	31	32	372
S2	MID 15	ML	901523	GARDEN CITY KS 1C HEATER FUEL	565	419	1,210					112	136	164	323	532	3,461
S2	MID 15	ML	961072	HOLCOMB DOMESTIC FUEL	141	53	61	26	5					159			445
S2	MID 15	ML	990035	HOLCOMB PLANT TRANS LINE EAST	1,814	16	16	57	17	16	17	18	30	18	17	17	2,053
S2	MID 16 A	ML	961039	BUSHTON COMP STA UNIT 33	84,409	75,581	62,859	64,235	74,626	42,383	62,230	76,000	58,294	34,440	80,206	85,920	801,183
S2	MID 16 A	ML	961040	BUSHTON AUX FUEL #2 3 4 & 5	1	1	2	1	1	1	2	3		1	1		13
S2	MID 16 A	ML	961042	BUSHTON ENGINE ROOM 2 ENG 23 24 25	13,502	9,238	10,546	8,844	9,398	3,434	11,936	10,466	10,062	10,454	3,830	3,388	105,098
S2	MID 16 A	ML	961043	BUSHTON COMP#3 FUEL STATION	10,887	8,066	24,795	10,629	374	303	7,294	853	11,113	36,790	9,425	13,369	133,898
S2	MID 16 A	ML	961107	MACKSVILLE UNIT 1 STA FUEL			3,617			360				35			4,012
S2	MID 16 A	ML	961108	MACKSVILLE UNIT 2 STA FUEL			6,201	1,609	3	1	1,408			31			9,253
S2	MID 16 A	ML	961109	MACKSVILLE UNIT 3 STA FUEL			7,626	1,880			1,886			33			11,425
S2	MID 16 A	ML	961110	MACHSVILLE UNIT 4 STA FUEL			7,251	1,890						34			9,175
S2	MID 16 A	ML	961112	MACKSVILLE UNIT 5 STA FUEL	171		704	336	3	22,225	715		25	5,224			29,403
S2	MID 16 A	ML	961224	TESCOTT BLDG 2 DOMESTIC FUEL	2,042	879	699	242	52					40	1,106	1,678	6,738
S2	MID 16 A	ML	961225	TESCOTT UNIT 5 FUEL	3,055	4,755			74		40			2,928	915	5,282	17,049
S2	MID 16 A	ML	961624	TESCOTT STATION GENERATOR FUEL	10	45	4	4	5	4	20	10	16	5	4	4	131
S2	MID 16 A	ML	961627	TESCOTT UNIT 6 COMP FUEL	15,649	8,869	19,412	5,926	4					35	2,973	13,836	66,704
S2	MID 16 A	ML	961966	MACKSVILLE TBS HEATER FUEL	17	8	6	1							5	10	47
S2	MID 16 A	ML	962072	JETMORE TBS (HEATER FUEL)	26	16	18	10							14	32	122

NORTHERN NATURAL GAS COMPANY
PERIODIC RATE ADJUSTMENTS FOR FUEL
FUEL CONSUMED DATA - TRANSPORTATION AND STORAGE
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SCHEDULE 1

Sec /1	MID Zone	Mainline Storage	Station Number	Station Name	Source: Measurement Data warehouse												Annual
					Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	
S2	MID 16 A	ML	962392	BUSHTON TREATER PLT. FUEL	12,706	10,464	9,827	9,105	7,874	3,201				777	8,521	11,807	74,282
S2	MID 16 A	ML	990014	BUSHTON BLOWDOWN PURGE COMPRESSOR	2,313	2,882	4,858	1,653	1,344	1,694	1,743	1,397	3,305	3,138	2,077	2,139	28,543
S2	MID 16 A	ML	990025	TESCOTT DIST TRANS OP	435	434	54	67	171		54			61	8,072	575	9,923
S2	MID 16 A	ML	990027	MACKSVILLE UNMETERED PLT	3,485	2,945	3,674	1,921	2,467	1,307	1,198	1,065	1,244	1,249	2,514	3,113	26,182
S2	MID 16 A	ML	991002	MACKSVILLE FLARE FROM CONDENSATE TANK	1,426	1,762	1,550	1,259	1,594	1,976	2,106	2,075	1,790	1,809	1,936	1,757	21,040
S2	MID 16 A	ML	991003	MACKSVILLE FUEL GAS HEATER	68	36	112	72	12					12	24	24	360
S2	MID 8	ML	961441	PAMPA TURBINE (KB) FUEL	58,622	62,560	73,381	58,291	48,399	44,422	47,290	23,170	31,411	55,684	60,038	64,278	627,546
S2	MID 8	ML	990029	PAMPA TURBINE	1,370	1,112	965	1,293	2,391	1,827	1,276	1,786	1,488	2,340	1,797	1,196	18,841
S2	MID 9	ML	990015	ROGER MILLS CO TRANSMISSION 4130	42	47	42	42	42	42	41	42	42	42	42	42	508
S2 Total					430,862	365,353	428,439	319,895	280,830	257,800	216,848	251,529	245,985	313,681	362,867	381,411	3,855,500
S3	MID 17	ML	950901	Wrenshall VAPORIZER FUEL-FUEL GAS*	4	2,654	522	2,119	2					95	2	1,209	6,607
S3	MID 17	ML	950902	Wrenshall A TURBINE FUEL GAS*				19,984	12,552				7,322	22,017			61,875
S3	MID 17	ML	950903	Wrenshall B TURBINE FUEL GAS*				19,351	12,090				6,868	21,658			59,967
S3	MID 17	ML	951901	GARNER LNG *	2,440	4,724	1,362	824	215	92	106	108	97	320	1,184	8,804	20,276
S3	MID 17	ML	960036	MINNEAPOLIS 1D HEATER	2,983	2,677	3,114	469			148	55	81	146	1,362	3,918	14,953
S3	MID 17	ML	960479	ALBERT LEA COMPRESSOR STATION FUEL	60,918	49,069	59,977	36,538		6,805	10,519	6,652	37,061	16,091	46,662	59,205	389,497
S3	MID 17	ML	960480	ALBERT LEA COMPRESSOR BUILDING HEAT	180	148	60								72	160	620
S3	MID 17	ML	960481	ALBERT LEA COMP FUEL GAS METER	1,480	1,208	1,439	886	1	128	232	203	605	285	1,011	1,359	8,837
S3	MID 17	ML	960483	LAKE MILLS COMPRESSOR STATION FUEL	96	90	45	1	2	14	33	3	47	33	136	15,423	15,923
S3	MID 17	ML	961001	OGDEN COMPRESSOR STATION BUILDING 4 FUEL	67,958	64,414	68,195	64,526	64,600	37,195	52,826	62,202	56,679	65,408	65,675	53,972	723,650
S3	MID 17	ML	961009	BEATRICE COMPRESSOR UNIT 29	81,280	74,500	59,830	44,645	18,319	18,208	58,200	61,265	65,673	69,927	66,685	69,126	687,658
S3	MID 17	ML	961010	BEATRICE 3-28 TURBINE FUEL	34,938	23,438	42,149	37,459	3,536	31,696	6,092	3,951		8,013	27,664	28,119	247,055
S3	MID 17	ML	961012	BEATRICE # 2 UNITS 19-25 PLANT	5,511	5,281	4,260	3,627	140	3,076	1,231	386	895	3,269	2,333	2,478	32,487
S3	MID 17	ML	961017	BEATRICE PLANT #1 BOILER FUEL	4,927	2,893	3,432	3,006	593					137	2,538	3,301	20,827
S3	MID 17	ML	961018	BEATRICE PLANT DOMESTIC GAS	271	112	92	29	5		1		1	15	77	153	756
S3	MID 17	ML	961023	SOUTH OMAHA HEATER FUEL	291	129	129	45	9	6	12	6	3	21	123	213	987
S3	MID 17	ML	961051	CLIFTON COMP FUEL UNIT 27		668	35				5	4	17	156	1	446	1,332
S3	MID 17	ML	961054	CLIFTON AUX AND DOMESTIC	1,515	869	753	306	82	14	14	12	44	155	767	1,219	5,750
S3	MID 17	ML	961056	CLIFTON TURB. BOILER	1,211	1,098	1,170	438							823	1,157	5,897
S3	MID 17	ML	961057	CLIFTON BOILER BLDG. #3 (RC 4031)	1,246	1,102	1,142	422							946	1,219	6,077
S3	MID 17	ML	961059	CLIFTON COMP FUEL UNIT 28		608		2				1	9	218		561	1,399
S3	MID 17	ML	961060	CLIFTON COMP FUEL UNIT 29	8	666	80				4		23	242		579	1,602
S3	MID 17	ML	961061	CLIFTON COMP FUEL UNIT 30	17,821	9,318	17,700		1,787	3,082	1,432	5	10,110	4,668	14,190	14,739	94,852
S3	MID 17	ML	961062	CLIFTON COMP FUEL UNIT 31	47,563	44,702	48,515	17,581	21,852	11,311	10,530	12,964	23,330	18,152	44,150	44,041	344,691
S3	MID 17	ML	961133	OAKLAND COMP #3 ENGINE FUEL	12,436	16,103	15,331				1,456		2,281	4,977	11,205	12,116	75,905
S3	MID 17	ML	961134	OAKLAND COMP STA AUX FUEL	5	2	3		1	2	1	2	3	2	2	2	25
S3	MID 17	ML	961135	OAKLAND #1 DOMESTIC FUEL	114	62	60	32	14	2	4	2	4	24	60	88	466
S3	MID 17	ML	961136	OAKLAND #2 PIPELINE FUEL	448	262	246	144	60	6	6	6	9	54	225	359	1,825
S3	MID 17	ML	961137	OAKLAND #3 DOMESTIC FUEL	3,295	2,283	2,002	1,317	442	3	6	3	3	78	1,675	3,051	14,158
S3	MID 17	ML	961138	GUTHRIE CENTER COMP FUEL	16,622	15,383	16,945	16,687	8,979	5,321	4,105	13,713	19,236	12,946	13,491	21,347	164,775
S3	MID 17	ML	961139	OAKLAND UNIT #20 BLDG 4	16,995	12,404	18,627	31,083	19,414	25,125	8,746	254	12,623	10,316	10,492	12,940	179,019
S3	MID 17	ML	961141	OGDEN AUXILIARY FUEL	3,791	3,477	3,238	2,345	53	30	31	31	17	108	2,182	3,217	18,520
S3	MID 17	ML	961142	OGDEN PLANT 2 FUEL	18,684	20,150	16,482	15,421	22,696	11,701	9,036	19,983	26,045	28,663	31,949	14,807	235,617
S3	MID 17	ML	961143	OGDEN PLANT 3 FUEL	2,655			4,670	23	90	99	1,192	662	2,683	3,608	15,417	31,099
S3	MID 17	ML	961152	PALMYRA COMPRESSOR BLDG Unit 18	61	463	1,909	1,714	6,102	5,254	3,983	3,622	1,805	4,826	4,020	5,129	38,888
S3	MID 17	ML	961153	PALMYRA COMPRESSOR BLDG Unit 19	3,559	4,995	6,991	3,470	2,050	1,899	324	1,995	3,236	1,975	2,900	1,404	34,798
S3	MID 17	ML	961154	PALMYRA COMPRESSOR BLDG Unit 20	6,667	3,901	5,110	2,604	1,421	27	417	4,370	3,454	2,039	5,476	1,920	37,406
S3	MID 17	ML	961156	PALMYRA #1 BOILER FUEL	2,625	1,103	1,352	134						12	1,079	2,110	8,415
S3	MID 17	ML	961158	PALMYRA OFFICE FUEL	24	12	10	8	2					2	8	22	88
S3	MID 17	ML	961159	PALMYRA WAREHOUSE FUEL	86	279	121	58						28	90	169	831
S3	MID 17	ML	961160	PALMYRA FUEL - WORKSHOP BLDG.	70	30	30	10	2					12	20	50	224
S3	MID 17	ML	961162	PALMYRA FUEL - WELDING SHOP	48	20	24	10							6	20	128
S3	MID 17	ML	961163	PALMYRA FUEL - EQUIPMENT BLDG.	76	36	42	16	2						20	63	255

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SCHEDULE 1

Sec /1	MID Zone	Mainline Storage	Station Number	Station Name	Source: Measurement Data warehouse												Annual
					Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	
S3	MID 17	ML	961165	PALMYRA COMPRESSOR BLDG Unit 21	1,099	4,638	4,629	4,510	5,199	599	4,556	4,857	1,065				31,152
S3	MID 17	ML	961166	PALMYRA COMPRESSOR BLDG Unit 22	1,326	4,096	4,034	5,642	4,569	1,095	2,734	4,074	3,738	1,096	2,357	918	35,679
S3	MID 17	ML	961167	PALMYRA COMPRESSOR BLDG Unit 23	4,211	2,917	5,145	3,113	4,473	6,423	3,470	3,652	6	5,129	2,104	880	41,523
S3	MID 17	ML	961168	PALMYRA COMPRESSOR BLDG Unit 24	2,399	3,557	2,169	4,640	5,255	2,030	6,003	2,017	3,245	7,987	940	1,258	41,500
S3	MID 17	ML	961169	PALMYRA COMPRESSOR BLDG Unit 25	5,130	705	2,084	5,173	1,350	2,711	1,240	2,214	2,571	7,320	2,852	3,134	36,484
S3	MID 17	ML	961170	PALMYRA COMPRESSOR BLDG Unit 26	78,757	56,329	50,687	19,029	707				7428	7615	50124	77579	348,255
S3	MID 17	ML	961175	PALMYRA COMPRESSOR BLDG Unit 29	11,292	18,561	18,633	22559	29011	20845	26,594	8,848	25,663	27,049	14,344	10,477	233,876
S3	MID 17	ML	961176	HOMER COMPRESSOR STATION FUEL	20,216	17,804	19,501	18,029	18,214	17,828	18,660	17,456	16,510	18,486	17,979	20,043	220,726
S3	MID 17	ML	961177	FREMONT COMPRESSOR STATION FUEL	25,860	6,953	1,139	305	10	2,658	96	1	1	2	4,094	19,520	60,639
S3	MID 17	ML	961178	WILLOW LAKE COMPRESSOR STATION	9,000	4,828	851	205	224	533	1,180	658	407	471	2,411	5,045	25,813
S3	MID 17	ML	961179	LA CRESCENT COMPRESSOR HEATER FUEL	62	58	62	44							36	62	324
S3	MID 17	ML	961181	SO SIOUX CITY COMP STA-TRANS	336	173	125	66	6	4	2	4	2	30	118	179	1,045
S3	MID 17	ML	961230	VENTURA DOMESTIC FUEL	400	291	263	202	42	174	-166	6	60	236	370	1,884	
S3	MID 17	ML	961231	VENTURA COMPRESSOR STA TRANS 11	2,365	927	1691	441					3		689	6,116	
S3	MID 17	ML	961232	VENTURA COMPRESSOR STA TRANS 12	1,805	983	1,513	158					4		2	1,227	5,692
S3	MID 17	ML	961233	VENTURA COMPRESSOR STA TRANS 13	912	1,835	1,376						3		4	1,375	5,505
S3	MID 17	ML	961234	VENTURA COMPRESSOR STA TRANS 14	9,608	6,665	4,587	1,824		2		34		16	1,287	7,919	31,942
S3	MID 17	ML	961235	VENTURA COMPRESSOR STA TRANS 15	9,584	6,484	6,537	3,337		3		62		35	1,151	7,960	35,153
S3	MID 17	ML	961236	VENTURA COMPRESSOR STA TRANS BF 16	3,523	2,502	2,043	577	2				3	150	933	2,932	12,665
S3	MID 17	ML	961237	VENTURA A LINE HEATER FUEL	894	864	901	777	650	510	570	602	510	590	850	981	8,699
S3	MID 17	ML	961243	WATERLOO COMPRESSOR FUEL	38,266	34,463	22,873	26,582	8,387	10,740	325	780	2	15,055	27,661	44,799	229,933
S3	MID 17	ML	961246	EARLVILLE CSO STATION EAST LEG	24,806		21						2		9		24,838
S3	MID 17	ML	961248	FARIBAULT MN COMPRESSOR STATION	80,664	70,234	74,689	66,276	33,469	34,624	50,705	22,563	9,994	50,951	60,419	92,595	647,183
S3	MID 17	ML	961251	FARMINGTON COMP FUEL UNITS 1-7	29,857	32,180	36,836	17,090	12,366	12,533	23,923	26,805	51,549	27,374	16,150	28,058	314,721
S3	MID 17	ML	961252	CARVER COMPRESSOR STATION FUEL	10,606	967	266	116	62	41	35	76	45	312	827	4,377	17,730
S3	MID 17	ML	961254	HINCKLEY COMPRESSOR STATION FUELS	26,642	342	592	4,250	17,580	15,425	12,659	13,274	1,496	9,918	12,182	15,491	129,851
S3	MID 17	ML	961261	WATERLOO COMP.STA.-TRANS.	174	108	102	66	6		6			36	102	144	744
S3	MID 17	ML	961268	GARNER CONTROLLER GAS	415	373	324	350	295	198	180	207	189	180	260	295	3,266
S3	MID 17	ML	961381	NO.BRANCH COMP.STA.-TRANS	16,778	8,000	9,907	11,785	10,962	8,726	4,280	9,221	3,346	6,072	9,810	10,242	109,129
S3	MID 17	ML	961382	HUGO COMP FUEL		1,959	16,655	5,524			1			35		6,971	31,145
S3	MID 17	ML	961461	CARLTON COMP ENGINE FUEL 1&2	24,571	12,926	14,281	4,057					61		13,552	21,657	91,105
S3	MID 17	ML	961471	OWATONNA COMP STA TRANS	37,037	38,028	43,262	8,213	2,386	3,469	3,246	4,813	291	7,858	13,216	41,977	203,796
S3	MID 17	ML	961561	GALENA COMPRESSOR STATION	12,066	10,939		6,783	21,889	13,315	19,118	16,628	16,090	16,391	18,754	27,438	179,411
S3	MID 17	ML	961562	GALENA COMP. AUXILIARY	479	406	443	342	14		1	1		153	344	441	2,624
S3	MID 17	ML	961565	BELLVILLE COMPRESSOR PLANT	2,987	12,555	11,230	12,103	4,824	3,490	958	1,351	2,180	13,444	140	766	66,028
S3	MID 17	ML	961610	EAST WAKEFIELD COMPRESSOR STATION FUEL	8,031	8,116	4,150	1,343	1,451	776	548	402	129	2,261	2,135	8,838	38,180
S3	MID 17	ML	961961	CARLTON WHSE FUEL *	192	167	151	112	64					42	105	175	1,008
S3	MID 17	ML	969044	REDFIELD FUEL UNIT 7	1,746	6,028	6,465	5,987	3,255	1,254	221	531		8		47	25,542
S3	MID 17	ML	990017	HUBBARD COMPRESSOR UNMETERED	485	347	256	211	36	76	76	2	4	195	297	420	2,405
S3	MID 17	ML	990018	EARLVILLE COMPRESSOR UNMETERED	602	309	415	506	94	25	22	24	61	61	604	542	3,265
S3	MID 17	ML	990024	CLIFTON DIST TRANSMISSION	49	51	45	53	31	31	1,384	32	30	969	98	54	2,827
S3	MID 17	ML	990032	GARNER LNG	104	67	65	114	1,024	568	119	1,782	112	7,954	85	8,395	20,389
S3	MID 17	ML	990037	CLIFTON DISTRICT TRANS SOUTH	2,600	3,125	2,859	1,875	2,528	2,726	2,283	2,034	2,656	5,336	3,767	3,715	35,504
S3	MID 17	ML	990046	ALBERT LEA COMPRESSOR UNM GAS LOSS	4	102	107	106	4	714	212	11	92	112	196	302	1,962
S3	MID 17	ML	990052	CARLTON GAS UNMETERED	12,805	10,960	11,580	8,073	7,365	6,084	6,810	7,004	6,999	7,707	10,687	12,929	109,003
S3	MID 17	ML	990053	WRENSHALL UNMETERED 504	313	276	354	408	299	194	135	479	6,633	433	388	639	10,551
S3	MID 17	ML	990054	OWATONNA UNMETERED VENT 504	9,704	6,263	6,057	6,304	3,481	2,965	5,959	8,541	2,804	1,244	6,305	8,346	67,973
S3	MID 17	ML	990055	FARIBAULT COMPRESSOR UNS	54	54	54	54	53	53	54	54	53	54	54	52	643
S3	MID 17	ML	990056	SOUTH OMAHA UNMETERED T	4,797	1,720	1,683	1,246	1,183	1,174	1,150	1,158	1,715	1,017	1,424	4,210	22,477
S3	MID 17	ML	990057	OAKLAND UNMETERED GAS	5,029	4,472	4,612	4,628	6,377	3,235	4,413	3,031	3,150	3,470	4,019	4,994	51,430
S3	MID 17	ML	990058	SO SIOUX CITY UNMETERED	4,389	5,563	3,633	25,051	2,179	1,660	24,848	1,614	1,556	1,930	3,576	3,868	79,867
S3	MID 17	ML	990059	VENTURA SOUTH UNMETERED	2,511	2,379	2,425	1,802	1,821	1,605	1,238	2,140	1,203	1,146	1,782	2,489	22,541
S3	MID 17	ML	990060	NEGUANEE UNMETERED HTR AUX FUEL 5	3,882	3,699	3,433	2,837	2,412	2,041	1,974	1,885	1,652	2,537	3,115	3,895	33,362
S3	MID 17	ML	990061	WATERLOO DOWNSTREAM HEATER FUEL	6,352	4,722	4,544	3,291	2,550	2,270	2,353	2,348	2,220	3,034	4,128	5,665	43,477
S3	MID 17	ML	990062	FARMINGTON UNMETERED VENT RC 4008	16,846	11,939	10,052	7,150	4,720	270	3,120	4,066	3,593	5,742	9,504	14,120	91,122
S3	MID 17	ML	990063	NORTH BRANCH HEAT AUX FUEL RC 4004	602	567	476	139	55	52	52	52	55	242	470	771	3,533
S3	MID 17	ML	990064	NORTH BRANCH UNMETERED VENT RC4004	968	1,000	1,054	1,021	1,029	971	1,725	965	1,653	1,024	975	977	13,362
S3	MID 17	ML	990065	NORTH BRANCH UNMETERED HEAT AUX RC40	20,974	15,134	14,118	8,607	3,831	2,700	2,372	3,562	3,023	5,132	12,882	20,378	112,713
S3	MID 17	ML	990066	POPPLE CREEK UNMETERED	113	127	127	115		1	1		1	92	54	122	753
S3	MID 17	ML	990067	VENTURA NORTH UNMETERED	3,855	3,418	3,575	2,403	2,730	2,489	2,954	2,864	2,884	2,948	3,383	4,212	37,715
S3	MID 17	ML	990068	PLATTEVILLE UNMETERED	11,237	8,658	7,125	5,652	3,786	3,468	3,883	3,546	3,798	5,393	6,515	10,976	74,037

NORTHERN NATURAL GAS COMPANY
PERIODIC RATE ADJUSTMENTS FOR FUEL
FUEL CONSUMED DATA - TRANSPORTATION AND STORAGE
JANUARY 2024 through DECEMBER 2024

SCHEDULE 1

Sec /1	MID Zone	Mainline Storage	Station Number	Station Name	Source: Measurement Data warehouse												Annual
					Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	
S3	MID 17	ML	990069	CLARK SD UNMETERED	2,050	1,489	1,385	1,166	983	818	940	868	765	975	1,364	1,691	14,494
S3	MID 17	ML	990071	OGDEN GAS UNMETERED 504 RC4010	1,022	943	856	927	886	1,421	946	954	1,307	974	1,077	1,008	12,321
S3	MID 17	ML	990072	OGDEN UNMETERED DETAIL 547 RC4010	1,616	1,132	1,006	746	833	682	652	573	614	801	950	1,306	10,911
S3	MID 17	ML	990073	WATERLOO DOWNSTREAM PIPELINE GAS LO	1,372	1,325	1,338	1,362	1,355	1,365	1,397	1,386	1,392	1,382	1,525	1,662	16,861
S3	MID 17	ML	990074	LACROSSE BRANCHLINE COMPRESSOR	171	85	7,732	85	84	84	85	85	87	84	180	258	9,020
S3	MID 17	ML	990075	SPRING GREEN COMPRESSOR UNMETERED	226	7	222	1							26	13	495
S3	MID 17	ML	990076	HUGO MN COMP BLOW DOWN	27	30	747	156	30	30	172	56	29	170	30	443	1,920
S3	MID 17	ML	990077	BEATRICE UNMETERED	1,415	1,003	1,056	906	3,512	654	8,385	63,652	1,344	414	1,879	1,079	85,299
S3	MID 17	ML	990078	OAKLAND UNMETERED GAS USES	2,482	1,826	1,801	1,378	1,209	1,135	1,145	898	1,147	1,232	1,587	2,117	17,957
S3	MID 17	ML	990079	WATERLOO COMPRESSOR UNMETERED	434	229	425	316	517	542	627	344	308	1,052	469	635	5,898
S3	MID 17	ML	990080	WELCOME NORTH UNMETERED GAS VENTED	4,303	1,812		2234	1304	1177	1,007	1,090	1,023	1,342	1,633	2,164	19,089
S3	MID 17	ML	990081	NORTH BRANCH UNMETERED VENTED RC400	361	371	437	383	425	377	409	927	1,081	381	364	361	5,877
S3	MID 17	ML	990082	WILLMAR UNMETERED	11,696	9,090	9,211	7,349	5,170	4,928	4,570	4,903	4,864	6,306	9,431	10,740	88,258
S3	MID 17	ML	990083	PAULLINA UNMETERED VENTED GAS RC 42	6,153	5,048	5,327	4,304	3,707	3,555	3,746	3,750	3,916	4,009	4,927	5,783	54,225
S3	MID 17	ML	990084	PALMYRA UNMETERED PIPELINE RC4024	985	995	1,063	826	1,022	1,234	1,273	1,833	4,725	2,173	1,317	586	18,032
S3	MID 17	ML	990085	OGDEN UNMETERED VENTED RC4012	2,225	2,212	2,245	2,187	2,311	2,468	4,869	2,353	2,809	3,061	2,184	2,197	31,121
S3	MID 17	ML	990086	HARRISBURG UNMETERED	5,272	3,724	3,619	2,561	1,888	1,454	1,464	1,382	1,308	1,752	3067	4,527	32,018
S3	MID 17	ML	990087	PLATTEVILLE COMPRESSOR UNMETERED	2,001	1,997	1,991	2,076	5,286	3,382	2,502	2,261	2,512	2,311	2,189	2,006	30,514
S3	MID 17	ML	990088	PALMYRA UNMETERED PIPELINE RC4029	740	1,071	674	429	310	244	75	179	201	245	663	774	5,605
S3	MID 17	ML	990089	WELCOME MEAS STA 1 NB INTER UNS	34	34		34	34	34		34	34	54	82	55	429
S3	MID 17	ML	990090	LACROSSE SYSTEM ZONE 5 UNMETERED	2,925	2,138	1,946	1,455	922	803	791	814	819	1,112	1,799	2,632	18,156
S3	MID 17	ML	990091	MAINLINE HOOPER SOUTH	1,115	776	767	619	414	264	180	177	179	176	478	1,006	6,151
S3	MID 17	ML	990092	WATERLOO UPSTREAM HEATER FUEL	7,157	5,741	5,913	5,210	2,988	3,647	4,036	3,705	3,727	4,123	5,223	7,041	58,511
S3	MID 17	ML	990093	WELCOME SOUTH UNS SECTION 3 SEG 2	2,277	3,492		1,918	2,191	1,928	1,773	1,914	1,938	2,151	3,057	3,782	26,421
S3	MID 17	ML	990097	PIERZ COMPRESSOR UNMETERED	348	417	325	358		310	248		350	411	329	320	3,416
S3	MID 17	ML	990098	ALEXANDRIA COMPRESSOR UNMETERED	19	27	36	58		57	66		1	32	44	19	359
S3	MID 17	ML	990099	ST CLOUD PIPELINE UNMETERED	3,182	2,311	2,172	1,386	713	540	494	551	579	1,005	1,950	2,960	17,843
S3	MID 17	ML	990100	OGDEN UNMETERED TBS HEATERS RC4012	13,436	9,751	8,967	6,695	7,007	5,903	5,282	4,882	5,007	12,109	8,235	10,877	98,151
S3	MID 17	ML	990101	WATERLOO UPSTREAM PIPELINE UNS	1,158	1,118	1,129	1,149	1,143	1,128	1,179	1,168	1,174	1,164	1,128	1,142	13,780
S3	MID 17	ML	990103	HOMER COMPRESSOR STATION UNS	106	42	21	21	42	86	65	63	86	127	21	21	701
S3	MID 17	ML	990104	FREMONT COMPRESSOR STATION UNS	20	40	20	40	20	275	41	20	20	20	40	21	577
S3	MID 17	ML	990111	BLACK RIVER FALLS UNMETERED GAS LOSS												60	60
S3	MID 17	ML	990112	CARVER COMPRESSOR UNMETERED			35					551	16	405	16	104	1,127
S3	MID 17	ML	990113	ELK RIVER UNMETERED COMPRESSOR STATION										5			5
S3	MID 17	ML	990114	HINCKLEY UNMETERED COMPRESSOR GAS LOSS	59	59	61	31	28	27	27	260	63	61	27	27	730
S3	MID 17	MLSTO1	961306	CUNNINGHAM UGS LIQ. PLT FU*	187	156	161	142	147	136	138	139	134	142	148	173	1,803
S3	MID 17	MLSTO1	964003	MACKS 1-CUNN STO SER			489										489
S3	MID 17	MLSTO1	964004	MACKS 5-CUNN STO SER	3,655	1,322	2,262	5,308							92		12,639
S3	MID 17	MLSTO1	964096	CUNN STORAGE COMP UNIT #8 FUEL*	2,137	2,600	998	1,666	1,767	3,151	1,574	2,310	1,766	1,951	2,325	2,257	24,502
S3	MID 17	MLSTO1	964097	CUNN STORAGE COMP UNIT #9 FUEL*	2,150	1,929	867	1,248	1,130	1,508	2,212	3,857	2,935	3,417	2,132	2,323	25,708
S3	MID 17	MLSTO1	964101	CUNNINGHAM UGS - PLANT*	1,534	1,284	1,493	1,291	979	736	732	476	446	785	1,114	1,391	12,261
S3	MID 17	MLSTO1	990000	CUNNINGHAM UGS FIELD SEPERATORS	12	4	11	8	2	0	0	0	0	0	0	3	40
S3	MID 17	MLSTO1	990011	CUNNINGHAM UNMETERED GATH	752	1,005	884	3,957	1,104	959	2,238	3,036	833	679	593	785	16,825
S3	MID 17	MLSTO1	990021	CUNN UNMETERED TRANS	2,148	343	395	302	523	421	323	402	1,159	515	427	312	7,270
S3 Total					1,122,235	904,224	921,456	737,546	483,342	403,928	473,544	493,174	521,427	642,869	780,735	1,061,223	8,545,703
ST	MID 17	MLSTO1	961306	CUNNINGHAM UGS LIQ. PLT FU*	233	195	201	177	183	169	173	173	168	176	184	215	2,247
ST	MID 17	MLSTO1	964003	MACKS 1-CUNN STO SER			609										609
ST	MID 17	MLSTO1	964004	MACKS 5-CUNN STO SER	4,559	1,648	2,821	6,620							114		15,762
ST	MID 17	MLSTO1	964096	CUNN STORAGE COMP UNIT #8 FUEL*	2,666	3,242	1,245	2,077	2,204	3,931	1,964	2,880	2,203	2,434	2,899	2,816	30,561
ST	MID 17	MLSTO1	964097	CUNN STORAGE COMP UNIT #9 FUEL*	2,682	2,405	1,081	1,556	1,410	1,881	2,759	4,810	3,661	4,261	2,660	2,898	32,064
ST	MID 17	MLSTO1	964101	CUNNINGHAM UGS - PLANT*	1,913	1,602	1,861	1,610	1,221	917	914	593	556	980	1,390	1,734	15,291
ST	MID 17	MLSTO1	990000	CUNNINGHAM UGS FIELD SEPERATORS	14	6	14	10	2	1	1	1	1	1	1	3	55
ST	MID 17	MLSTO1	990011	CUNNINGHAM UNMETERED GATH	939	1,254	1,103	4,935	1,376	1,197	2,792	3,787	1,039	847	739	980	20,988
ST	MID 17	MLSTO1	990021	CUNN UNMETERED TRANS	2,678	428	492	377	652	525	402	502	1,446	643	533	389	9,067
ST	MID 17	STO	964001	REDFIELD LAGOON SEPARATOR EAST VENT	8,223	774	940	454	265	116	113	97	94	127	128	1,393	12,724
ST	MID 17	STO	964002	REDFIELD LAGOON SEPARATOR WEST VENT	9,593	10,404	7,577	2,857	1,710	792	888	1,303	1,310	1,540	1,747	2,542	42,263
ST	MID 17	STO	964007	REDFIELD LAGOON SEPARATOR NORTH VENT	3,267	3,906	2,746	1,127	552	437	114	62	65	114	160	667	13,217
ST	MID 17	STO	964013	REDFIELD 1 COMP FUEL WEST RUN	28,755	28,054	24,203	6,595	28	28	25	9,555	16,213	20,409	21,175	27,459	182,499
ST	MID 17	STO	964014	REDFIELD DEHY FUEL	7,751	5,236	4,162	2,566	1,193	833	469	1	10	252	2,908	7,630	33,011
ST	MID 17	STO	964018	REDFIELD SPC BUILDING DOMESTIC FUEL	761	537	484	90	2					18	448	489	2,829
ST	MID 17	STO	964019	REDFIELD LOCAT BLDG HEATER FUEL	402	314	360							245	201	461	1,983
ST	MID 17	STO	964042	REDFIELD H2S TREATER FUEL	4,291	4,373	3,535	1,638	1,381	1,450	468	1,389	657	1,068	1,342	5,704	27,296
ST	MID 17	STO	964051	REDFIELD DOMESTIC FUEL	2,586	1,284	1,163	1,260	217	16	14	16	14	68	100	823	7,561
ST	MID 17	STO	969042	REDFIELD FUEL UNIT 5	42,934	39,242	7,870	30			893	29,445	32,328	36,158	35,417	39,828	264,145
ST	MID 17	STO	969043	REDFIELD FUEL UNIT 6	3,536	5,142	6,647	5,031	3,804	2,387	1,326	251	265	1,209	5,378	67	35,043
ST	MID 17	STO	990020	LYONS UNMETERED	999	1,346	999	714	455	2,157	846	1,005	1,022	1,040	924	997	12,504
ST	MID 17	STO	990047	REDFIELD ST PETER PLANT UNMETERED	140	121	126	127	135	114	252	96	96	100	112	117	1,536
ST	MID 17	STO	990048	REDFIELD MT SIMON PLANT UNMETERED	708	648	448	121	128	98	49	628	628	655	638	681	5,430
ST	MID 17	STO	990049	REDFIELD MT SIMON UNMETERED	8,969	3,545	1,405	726	795	792	440	165	465	217	208	646	18,373

NORTHERN NATURAL GAS COMPANY
 PERIODIC RATE ADJUSTMENTS FOR FUEL
 FUEL CONSUMED DATA - TRANSPORTATION AND STORAGE
 JANUARY 2024 through DECEMBER 2024

SCHEDULE 1

Sec /1	MID Zone	Mainline Storage	Station Number	Station Name	Source: Measurement Data warehouse												
					Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Annual
ST	MID 17	STO	990050	REDFIELD ST PETER UNMETERED	7,255	6,453	3,091	1,824	1,270	1,000	539	86	215	136	175	10,076	32,120
ST Total					145,854	122,159	75,183	42,522	18,983	18,841	15,441	56,845	62,456	72,812	79,467	108,615	819,178
Grand Total					2,029,718	1,673,072	1,791,199	1,436,706	1,115,540	977,995	1,028,640	1,111,449	1,123,493	1,338,723	1,598,761	1,884,376	17,109,672

Foot notes
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S1 = Section 1 Transportation Facility Fuel.
 S2 = Section 2 Transportation Facility Fuel.
 S3 = Section 3 Transportation Facility Fuel.
 ST = Storage Fuel.

Annual Transactions from January 2024 through December 2024 for Mainline Fuel

Receipt MID	D1	D2	D3	D4	D5	D6	D7	D7B	D8	D9	D10	D11	D12	D13	D14	D15	D16a	D16b	D17	Annual Total
SECTION 1 - SECTION 1									SECTION 1 - SECTION 2									SECTION 1 - SECTION 3		
R01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R03	-	-	53,355,752	1,552,608	5,070,292	39,063,742	20,231,814	-	1,155,094	-	2,317,223	-	-	25,448	-	-	-	81,242,769	-	204,014,742
R04	-	-	732,464	143,221	-	50,885,169	1,784,741	-	701,705	-	-	-	-	8,585	-	-	-	7,976,266	-	62,232,151
R05	-	-	91,045	7,143	-	1,636,123	3,084,097	-	-	-	960,882	-	-	-	-	-	-	23,093,732	-	28,879,984
R06	-	-	131,206,431	9,551,232	1,085,290	29,974,363	216,053	-	334,079	-	122,000	-	-	17,023	-	-	-	44,017,078	-	216,523,549
R07	-	-	-	-	-	51,880	-	-	-	-	-	-	-	-	-	-	-	-	-	51,880
R7b	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
subtotal									subtotal									MID 8-16A		5,649,001
MID 1-7B									MID 16B									MID 16B		156,329,845
349,723,460																				-
SECTION 2 - SECTION 1									SECTION 2 - SECTION 2									SECTION 2 - SECTION 3		
R7b	-	-	1,436	-	-	-	96,096	-	-	-	-	-	-	-	-	-	-	-	-	-
R08	-	-	-	-	-	-	-	-	-	-	-	-	-	33,330	-	-	-	3,884,243	-	4,015,105
R09	-	-	-	-	-	-	-	-	-	46,038	-	-	-	-	-	-	-	1,730,492	-	1,776,530
R10	-	-	1,627	203,882	31,493	445,237	2,594,900	-	151,033	350,897	5,101,320	58,687	-	129,731	-	-	19,247	41,736,471	-	50,824,525
R11	-	-	-	-	-	-	21,600	-	-	-	-	499,302	-	72,865	-	-	-	3,655,891	-	4,249,658
R12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R13	-	-	-	6,339	-	2,539,986	2,994,302	-	168,018	-	347	-	-	6,095,961	-	161,150	534,004	16,548,533	-	29,048,640
R14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R15	-	-	-	-	-	-	750	-	-	-	-	-	-	1,254,550	-	262,803	261,391	1,769,920	-	3,549,414
R16a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,725	-	5,725
R16b	-	-	9,672	120,201	14,394	69,075	1,364,446	-	4,750	-	321,040	-	-	-	-	-	-	-	187,369,714	189,273,292
subtotal									subtotal									MID 7B-16A		15,200,674
MID 8-16A									MID 16B									MID 16B		69,331,275
8,937,648																				-
subtotal									subtotal									Rec=MID 16B		187,369,714
Rec=MID 16B																				1,577,788
1,577,788																				
SECTION 3 - SECTION 1									SECTION 3 - SECTION 2									SECTION 3 - SECTION 3		
R17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	838,960,633	838,960,633	838,960,633
Total	-	-	185,398,427	11,584,626	6,201,469	124,665,575	32,388,799	-	2,521,641	396,935	8,822,812	557,989	-	7,637,493	-	423,953	814,642	225,661,120	1,026,330,347	1,633,405,828

Source: Northern's Accounting System.

Annual Transactions from January 2024 through December 2024 for Mainline Fuel

Point Exceptions: Throughput from these receipt points to MIDs 1-7 are excluded from Section 2 fuel derivation on Schedule 3 (Tariff Part 4, Section 10).				
179	& 78287	MID 13	ANR/NNG Greensburg	0
60667	& 78284	MID 8	TW/NNG Gray ITE	96,790
71214	& 78292	MID 16 A	TIGT Tescott	0
71394		MID 9	ETC Hemphill Plant	0
78441	& 78883	MID 13	Cheyenne Plains	60,000
78643	& 78902	MID 8	Enbridge Pampa	0
Total Receipts				156,790

Point Exceptions: Throughput from MIDs 1-7 to these delivery points are excluded from Section 2 fuel derivation on Schedule 3.				
4891	MID 8	WTG-Lark		0
55610	MID 8	Mid-States Energy		0
60667 & 78284	MID 8	TW/NNG Gray ITE		7,674
Total Delivery				7,674

Source: Northern's Accounting System.

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Calculation of Base Mainline Fuel Percentages

Schedule 3

Annual Transactions from January 2024 through December 2024 for Mainline Fuel

Mainline Throughput

(A)	(B)	(C)	(D)	(E)	(F)
	Section 1 (1-7)	Section 2 (8-16a)	Section 2 (16b)	Section 3 (17)	Total
Section 1 (1-7)	349,723,460	5,649,001	156,329,845	-	511,702,306
Section 2 (8-16a)	8,937,648	15,200,674	69,331,275	-	93,469,597
Section 2 (16b)	1,577,788	325,790	-	187,369,714	189,273,292
Section 3 (17)	-	-	-	838,960,633	838,960,633
Total	<u>360,238,896</u>	<u>21,175,465</u>	<u>225,661,120</u>	<u>1,026,330,347</u>	<u>1,633,405,828</u> 1/

	Fuel Consumed		Throughput		Percentage
Section 1	3,889,291	2/	522,217,742	5/	0.74%
Section 2	3,855,500	3/	255,609,769	6/	1.51%
Section 3, Apr-Oct	3,755,830	4/	509,405,155	7/	0.74%
Total	<u>11,500,621</u>		<u>1,287,232,666</u>		

Backup:

Matrices linked to numbers in Column B

1	Throughput		Section 1 (1-7b)	Section 2 (8-16a)	Section 2 (16b)	Section 3 (17)	Total	
Section 1-1	349,723,460	Section 1 (1-7)	349,723,460	5,649,001	156,329,845	-	511,702,306	
Section 2-1	8,937,648						-	
Section 2(16b)-1	1,577,788	Section 2 (8-16a)	8,937,648				8,937,648	
Section 3-1	-	Section 2 (16b)	1,577,788				1,577,788	
Section 1-2	5,649,001	Section 3 (17)	-				-	
Section 1-2(16b)	156,329,845	Total	<u>360,238,896</u>	<u>5,649,001</u>	<u>156,329,845</u>	<u>-</u>	<u>522,217,742</u>	5/
Section 1-3	-							
	<u>522,217,742</u>	5/						

2	Throughput		Section 1 (1-7b)	Section 2 (8-16a)	Section 2 (16b)	Section 3 (17)	Total	
Section 2-1	8,937,648							
Section 2(16b)-1	-	Section 1 (1-7b)		5,649,001	156,329,845	-	161,978,846	
Section 3-1	-	Section 2 (8-16a)	8,937,648	15,200,674	69,331,275	-	93,469,597	
Section 1-2	5,649,001	less exempt POIs			(164,464)		(164,464)	
Section 2-2	15,200,674	Section 2 (16b)	-	325,790			325,790	
Section 2(16b)-2	325,790	Section 3 (17)	-	-			-	
Section 3-2	-	Total	<u>8,937,648</u>	<u>21,175,465</u>	<u>225,496,656</u>	<u>-</u>	<u>255,609,769</u>	6/
Section 1-2(16b)	156,329,845							
Section 2-2(16b)	69,331,275							
less exempt POIs	(164,464)	8/						
Section 1-3	-							
Section 2-3	-							
	<u>255,609,769</u>	6/						

3	Throughput		Apr-Oct Section 3 (17)	Nov-Mar (not used) Section 3 (17)	Total Section 3 (17)
Section 1-3	-	Section 1 (1-7b)			-
Section 2-3	-	Section 2 (8-16a)			-
Section 2(16b)-3	187,369,714	Section 2 (16b)	83,905,787	103,463,927	187,369,714
Section 3-3	838,960,633	Section (17)	425,499,368	413,461,265	838,960,633
	<u>1,026,330,347</u>	Total	<u>509,405,155</u>	<u>516,925,192</u>	<u>1,026,330,347</u>

1/ See Schedule 2

2/ See Schedule 1, subtotal S1 for MIDs 1-7

3/ See Schedule 1, subtotal S2 for MIDs 8-16B

4/ See Schedule 1, subtotal S3 for MID 17, April-October

5/ Section 1 Throughput. Reflects an adjustment to include 21,727,759 Dth of throughput from Fuel Section 1 to Section 2(16b).

6/ Section 2 Throughput. Reflects an adjustment to include 21,727,759 Dth of throughput from Fuel Section 1 to Section 2(16b).

7/ Section 3 April - October Throughput

8/ See Point Exceptions on page 2 of Schedule 2

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Allocate Retained Fuel by Section

Schedule 4

Annual Transactions from January 2024 through December 2024 for Mainline Fuel

Apr-Oct											
			Fuel %								
			Charged:	0.0070	0.0164	0.0056	MID 1-7	MID 8-16	MID 17 /1	Total	
Rec	Del	Fuel Retained	Fuel%	Section 1	Section 2	Market	Section 1	Section 2	Market	Retained	
Summer (April-October) Market fuel rate											
Section 1	Section 1	1,497,077	0.0070	0.0070			1,497,077	0	0	1,497,077	
Section 1	Section 2	55,637	0.0234	0.0070	0.0164		16,644	38,993	0	55,637	
Section 1	Section 2 (16b) 2/	2,053,762	0.0234	0.0070	0.0164		614,373	1,439,389	0	2,053,762	
Section 2	Section 1	124,613	0.0234	0.0070	0.0164		37,277	87,336	0	124,613	
Section 2	Section 2	139,186	0.0164		0.0164		0	139,186	0	139,186	
Section 2	Section 2 (16b)	430,046	0.0164		0.0164		0	430,046	0	430,046	
Section 2 (16b)	Section 1	7,621	0.0070	0.0070			7,621	0	0	7,621	
Section 2 (16b)	Section 2	1,755	0.0164		0.0164		0	1,755	0	1,755	
Section 2 (16b)	Section 2 (16b) 3/	2,606	0.0164		0.0164		0	2,606	0	2,606	
Section 2 (16b)	Section 3	471,288	0.0056			0.0056	0	0	471,288	471,288	
Section 3	Section 1		0.0070	0.0070			0	0	0	0	
Section 3	Section 2		0.0164		0.0164		0	0	0	0	
Section 3	Section 2 (16b)		0.0164		0.0164		0	0	0	0	
Section 3	Section 3	2,386,398	0.0056			0.0056	0	0	2,386,398	2,386,398	
Total	Summer	7,169,989					2,172,992	2,139,311	2,857,686	7,169,989	
Winter (Jan-Mar & Nov-Dec) Market Fuel rates											
Section 1	Section 1	970,153	0.0070	0.0070			970,153	0	0	970,153	
Section 1	Section 2	40,038	0.0234	0.0070	0.0164		11,977	28,061	0	40,038	
Section 1	Section 2 (16b)	1,563,203	0.0234	0.0070	0.0164		467,625	1,095,578	0	1,563,203	
Section 2	Section 1	79,299	0.0234	0.0070	0.0164		23,722	55,577	0	79,299	
Section 2	Section 2	104,991	0.0164		0.0164		0	104,991	0	104,991	
Section 2	Section 2 (16b)	647,548	0.0164		0.0164		0	647,548	0	647,548	
Section 2 (16b)	Section 1	3,464	0.0070	0.0070			3,464	0	0	3,464	
Section 2 (16b)	Section 2	3,276	0.0164		0.0164		0	3,276	0	3,276	
Section 2 (16b)	Section 2 (16b) 3/	16,133	0.0164		0.0164		0	16,133	0	16,133	
Section 2 (16b)	Section 3	939,966	0.0056			0.0056	0	0	939,966	939,966	
Section 3	Section 1		0.0070	0.0070	0.0000		0	0	0	0	
Section 3	Section 2		0.0164		0.0164		0	0	0	0	
Section 3	Section 2 (16b)		0.0164		0.0164		0	0	0	0	
Section 3	Section 3	3,725,867	0.0056			0.0056	0	0	3,725,867	3,725,867	
Reverse fuel from Sec 2 exceptions		-1,170	0.0234	0.0070	0.0164		-350	-820	0	-1,170	
Move fuel to Section 1 4/		1,170	0.0070	0.0070			1,170	0	0	1,170	
Total	Winter	8,093,938					1,477,761	1,950,344	4,665,833	8,093,938	
Annual Total		15,263,927					3,650,753	4,089,655	7,523,519	15,263,927	

1/ Section 3 fuel retained is calculated seasonally. Winter fuel retained is not used at this time.

2/ Reflects an adjustment to include an additional 520,612 Dth of retained fuel on throughput from Fuel Section 1 to Section 2(16b).

3/ Reflects fuel retained on out-of-balance deliveries to 16B and from 7B to 16B

4/ Only Section 1 fuel is retained for Section 1-2 or Section 2-1 paths described on page 2 of Schedule 2

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Mainline Fuel True-up

Schedule 5

Annual Transactions from January 2024 through December 2024 for Mainline Fuel

Mainline Fuel	Section 1	Section 2	Apr-Oct Section 3	Total	
1 Actual Mainline Fuel Consumed 1/	3,889,291	3,855,500	3,755,830	11,500,621	
2 Actual Mainline Fuel Retained 2/	3,650,753	4,089,655	2,857,686	10,598,094	
3 less True-up Under(Over) Recovered 3/	37,318	415,066	(450,565)	1,819	
4 Actual Mainline Fuel Retained Net of True-up	3,613,435	3,674,589	3,308,251	10,596,275	line 2 - line 3
5 Under(Over) Recovered	275,856	180,911	447,579	904,346	line 1 - line 4
6 Total Throughput Applicable to Mainline Fuel 4/	522,217,742	255,609,769	509,405,155		
7 True-up Adjustment Due (Shipper) Northern	0.05%	0.07%	0.09%		line 5 / line 6

1/ See Schedule 1

2/ See Schedule 4

3/ Mainline Fuel True-up as stated on Schedule 5 of Northern's February 1, 2024 fuel filing in Docket No. RP24-378-000

4/ See Schedule 3

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Mainline Fuel
Effective April 1, 2025

Schedule 6

Base Mainline Fuel Percent 1/

	<u>Section 1</u>	<u>Section 2</u>	Apr-Oct <u>Section 3</u>
Section 1	0.74%	2.25%	2.99%
Section 2	2.25% 4/	1.51%	2.25%
Section 3	0.74%	1.51%	0.74%

True-up Mainline Fuel Percent 2/

	<u>Section 1</u>	<u>Section 2</u>	Apr-Oct <u>Section 3</u>
Section 1	0.05%	0.12%	0.21%
Section 2	0.12%	0.07%	0.16%
Section 3	0.05%	0.07%	0.09%

Total Mainline Fuel Percent 3/ 4/

	<u>Section 1</u>	<u>Section 2</u>	Apr-Oct <u>Section 3</u>
Section 1	0.79%	2.37%	3.20%
Section 2	2.37%	1.58%	2.41%
Section 3	0.79%	1.58%	0.83%

1/ See Schedule 3

2/ See Schedule 5

3/ Base Mainline Fuel Percent plus True-up Mainline Fuel Percent

4/ Fuel percent from MID 16B or Exempt Section 2 Points to Section 1 equals the Section 1 percentage. Exempt Section 1 and 2 points are listed on Schedule 2.

General Ledger Accounting Month Production Month		Jan-24 Dec-23 Dth	Feb-24 Jan-24 Dth	Mar-24 Feb-24 Dth	Apr-24 Mar-24 Dth	May-24 Apr-24 Dth	Jun-24 May-24 Dth	Jul-24 Jun-24 Dth	Aug-24 Jul-24 Dth	Sep-24 Aug-24 Dth	Oct-24 Sep-24 Dth	Nov-24 Oct-24 Dth	Dec-24 Nov-24 Dth	2024 Dth
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1 SOURCE														
2	Operational Purchases	520,000	203,752	973,725	477,756	878,043	706,729	536,726	643,116	228,399	232,573	7,400,828	327,157	13,128,804
3	Transport	129,858,174	140,564,324	115,555,060	113,542,492	100,767,425	95,977,389	97,238,101	111,430,595	111,438,040	101,222,034	104,061,053	116,281,378	1,337,936,065
4	URR Retained	-	-	-	-	-	-	79,566	75,213	85,031	97,506	83,798	5,662	426,776
5	Fuel Retained	1,704,369	1,837,792	1,570,021	1,537,928	924,654	914,763	901,781	955,025	1,028,686	957,542	973,661	1,984,126	15,290,348
6	Storage Retained	-	-	-	-	-	-	131,430	124,267	140,438	161,044	138,464	9,356	704,999
7	UAF Retained	(40,519)	(43,369)	(36,077)	(35,442)	81,441	77,987	79,145	90,739	90,484	82,455	85,112	94,795	526,751
8	NET RECEIPTS/SOURCES	132,042,024	142,562,499	118,062,729	115,522,734	102,651,563	97,676,868	98,966,749	113,318,955	113,011,078	102,753,154	112,742,916	118,702,474	1,368,013,743
9 DISPOSITION														
10	Operational Sales	1,751,787	-	620,000	5,868,890	2,480,000	3,200,000	930,000	-	570,000	-	-	2,000,000	17,420,677
11	Transport, IT FT	129,913,580	140,009,443	114,130,763	112,758,302	99,838,115	96,786,821	97,888,175	111,881,833	111,557,566	101,477,401	103,911,571	117,206,976	1,337,360,546
12	Storage Gas Losses/Workorder	-	-	-	-	-	-	-	-	-	-	-	-	-
13	URR Recognized	-	-	-	-	-	-	-	-	355,586	-	-	-	355,586
14	Fuel Used & Storage Fuel Used	1,633,614	2,068,890	1,697,818	1,791,199	1,372,787	1,115,540	977,995	1,028,640	1,111,449	1,123,493	1,338,723	1,598,761	16,858,909
15	Condensate	(2)	2,757	-	-	3,315	-	-	-	-	-	-	2,505	8,575
16	Pipeline Rupture	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Storage	(1,899,052)	216,853	1,442,416	(4,889,542)	(1,127,287)	(3,427,783)	(589,247)	222,685	(162,427)	(216,180)	7,056,632	(3,149,331)	(6,522,263)
18	NET DELIVERIES/DISPOSITION	131,399,927	142,297,943	117,890,997	115,528,849	102,566,930	97,674,578	99,206,923	113,133,158	113,432,174	102,384,714	112,306,926	117,658,911	1,365,482,030
19	ACCOUNTING UAF	642,097	264,556	171,732	(6,115)	84,633	2,290	(240,174)	185,797	(421,096)	368,440	435,990	1,043,563	2,531,713

UAF =	
Line (19), Total Column	2,531,713
Divided by:	
Throughput =	1,353,753,164
Line (3) + (5) + (7) Total Column	
Base UAF	0.19%
True-up	2024
UAF Retained	526,751
Add 2023 Over (Under) recovery	(1,290,585)
UAF Retained	(763,834)
UAF Actual Jan-Dec 24 GL Accounting Month	2,531,713
UAF Over (Under) recovered	(3,295,547)
Divided by:	
Throughput =	
Line (3) + (4) + (7) Total Column	1,353,753,164
UAF system-wide adjustment	0.24%
Effective UAF	0.43%

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Storage Fuel

Schedule 8
page 1 of 2

1 Storage Fuel Consumed	1/	819,178
2 FDD Injections	2/	59,271,214
3 Storage Fuel Rate		1.38%
<u>True-up</u>		
4 Actual Storage Fuel Consumed	1/	819,178
5 Actual Storage Fuel Retained	3/	704,999
6 Less prior year True-Up Under(Over) Recovered	4/	<u>(125,173)</u>
7 Actual Storage Fuel Retained Related To Consumed		830,172
8 Under(Over) Recovered		(10,994)
9 FDD Injections		59,271,214
10 Storage Fuel Rate True-up		-0.02%
<u>Total Storage Fuel Percentage</u>		
11 Actual Fuel Rate Percent (Line 3)		1.38%
12 True-up Percent (Line 10)		<u>-0.02%</u>
13 Total Storage Fuel Percentage		1.36%

1/ Schedule 1

2/ Total from Schedule 8 page 2, column (b)

3/ Total from Schedule 8 page 2, column (c)

4/ In order to recognize retention to recover the prior year's under/(over) recovery, the Storage Fuel True-up as stated on Schedule 8 of Northern's February 1, 2024 annual fuel filing in Docket No. RP24-378-000 must be deducted from the total actual retention.

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Storage Injections and Fuel Retained

Schedule 8
Page 2 of 2

FDD Injections by month

Month	Injection volume on which storage fuel was retained (dth)	Storage fuel retained (dth)
(a)	(b)	(c)
202406	11,049,178	131,430
202407	10,447,847	124,267
202408	11,810,354	140,438
202409	13,540,082	161,044
1/ 202410	12,423,753	147,820
Total	59,271,214	704,999

1/ Prior period adjustment injections made in November are included with October activity. The PPAs are tied to imbalance-to-storage activity for October.

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Market Area Electric Compression Charge

Schedule 9
Page 1 of 2

For the Period January 2024 through December 2024

1 Electric Compression Charges	\$481,607 1/
2 Deliveries to Market area (MID 17)	1,018,332,524 2/
3 Electric Compression Charge	\$0.0005
4 <u>True-up</u>	
5 Actual Electric Compression Commodity Charge Retained	\$611,432 3/
6 Less prior year True-Up Under(Over) Recovered	\$108,766 4/
7 Actual Electric Compression Charge collected vs. costs	\$502,666
8 Under(Over) Recovered (Line 1 less Line 7)	-\$21,059
9 Electric Compression Rate True-up	\$0.0000
10 <u>Total Electric Compression Charge</u>	
11 Actual Compression Rate	\$0.0005
12 True Up	<u>\$0.0000</u>
13 Total Electric Compression Charge	\$0.0005

1/ Schedule 9 Costs for electric compression at facilities listed below:

Popple Creek added 10/2003. Spencer added 12/2006.

Chatfield incremental added 1/2007. Spring Green added 1/2008 and 11/2020.

Elk River added 11/2011. Pierz added 11/2021.

See Schedule 9, page 2, column (a)

2/ Schedule 9, page 2, column (e)

3/ Schedule 9, page 2, column (f)

4/ In order to recognize retention to recover the prior year's under/(over) recovery, the amount on line 8 of Schedule 9, page 1 of 2 of Northern's February 1, 2024 annual fuel filing in Docket RP24-378-000 must be deducted from the total actual retention.

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Market Area Electric Compression Charge

Schedule 9
Page 2 of 2

For the Period January 2024 through December 2024

Month	Charges (a)	Total Market Area Throughput (b)	Less Fuel Retained (c)	Less UAF Retained (d)	Total Market Throughput assessed Elec Compr 1/ (e)	Elec Compr Collected (f)
202401	50,240.43	120,158,701	1,133,677	-33,752	119,058,776	72,182.01
202402	70,164.24	95,939,068	905,578	-27,071	95,060,561	56,826.88
202403	32,484.17	91,851,395	870,437	-25,744	91,006,702	54,105.91
202404	25,078.97	73,125,927	408,697	56,690	72,660,540	43,650.23
202405	19,502.15	66,084,506	371,134	51,611	65,661,761	39,212.30
202406	32,306.40	68,646,138	384,508	53,667	68,207,963	41,398.43
202407	26,528.46	78,869,131	442,771	61,789	78,364,571	46,945.93
202408	32,261.49	77,425,053	433,618	60,542	76,930,893	46,118.84
202409	35,507.87	68,994,350	387,972	53,825	68,552,553	41,033.25
202410	31,858.43	76,260,050	428,986	59,569	75,771,495	45,006.82
202411	54,960.02	91,534,808	768,548	71,424	90,694,836	54,661.40
202412	70,714.10	117,441,220	987,593	91,754	116,361,873	70,289.73
Total	\$481,606.73	1,026,330,347	7,523,519	474,304	1,018,332,524	\$611,431.73

1/ Mainline Section 3 throughput per Schedule 2 less fuel and UAF retained

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Calculation of Storage URR Percentage

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		Total	Redfield	Lyons
1 Total Storage Injections (Mcf)	1/	40,884,038	34,241,805	6,642,233
2 Total Storage Withdrawals (Mcf)	1/	40,548,242	33,966,173	6,582,069
3 Annual URR Volume Under-Recovered End of 2023-2024 Storage Cycle (Mcf)		335,796	275,632	60,164
4 Annual URR Volume Converted (Dth)	2/	355,586	294,108	61,478
5 FDD Injections June through October 2024 (Dth)	3/	59,271,214		
6 Storage Under-Recovered Percentage effective June 1, 2025		0.60%		
<u>True-up</u>				
7 Annual URR Volume from Prior Year		419,617		
8 Actual Storage URR Retained	4/	426,776		
9 Less prior year True-Up Under(Over) Recovered	5/	(7,235)		
10 Actual Storage URR Retained with True-up		434,011		
11 Under(Over) Recovered		(14,394)		
12 FDD Injections (Dth)		59,271,214		
13 Storage URR Percentage True-up		-0.02%		
<u>Total Storage URR Percentage</u>				
14 Actual (Over) Under-Recovered Percent (Line 5)		0.60%		
15 True-up Percent (Line 13)		-0.02%		
16 Total Storage (Over) Under-Recovered Fuel Percentage		0.58%		
<u>Post URR Balance</u>				
17 Prior Year Balance (Dth)			420,181	172,479
18 Annual Storage Under-Recovery (Dth)			294,108	61,478
19 New Post URR Balance (Dth)			714,289	233,957
<u>Pre URR Balance</u>				
20 Prior Balance (Per storage region operations) (Mcf)			6,966,443	1,289,531
21 Annual Activity (Mcf)			-	-
22 New Pre URR Balance (Mcf)			6,966,443	1,289,531

1/ Redfield and Lyons storage fields only.

2/ The Annual URR Volume Under-Recovered End of 2023-2024 Storage Cycle (Mcf) has been converted to Dth based on the average Btu factor for the Storage Cycle Year.

3/ Total from Schedule 10 page 2, column (b)

4/ Total from Schedule 10 page 2, column (c)

5/ In order to recognize retention to recover the prior year's under/(over) recovery, the Storage URR True-up as stated on Schedule No. 10 of Northern's February 1, 2024 annual fuel filing in Docket No. RP24-378-000 must be deducted from the total actual retention.

Northern Natural Gas Company
Periodic Rate Adjustments for Fuel
Storage Injections and URR Retained

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FDD Injections by month

Month	Injection volume on which storage URR was retained (dth)	Storage URR retained (dth)
(a)	(b)	(c)
202406	11,049,178	79,566
202407	10,447,847	75,213
202408	11,810,354	85,031
202409	13,540,082	97,506
1/ 202410	12,423,753	89,460
Total	59,271,214	426,776

1/ Prior period adjustment injections made in November are included with October activity. The PPAs are tied to imbalance-to-storage activity for October.