



A Division of Montana-Dakota Utilities Co.

705 West Fir Avenue  
Mailing Address: PO Box 176  
Fergus Falls, MN 56538-0176  
1-877-267-4764  
www.gpng.com

September 30, 2024

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

**RE: Cost of Gas Adjustment (COG) October 2024  
Case No. PU-24-009**

Great Plains Natural Gas Co. (Great Plains), a Division of Montana-Dakota Utilities Co., herewith electronically submits a Cost of Gas Adjustment (COG) pursuant to North Dakota Century Code 49-05-05.

Attachment A is the Rate Summary Sheet (213<sup>th</sup> Revised Sheet No. 1.1) showing the proposed natural gas rates and the October 2024 cost of gas. The net effect of this filing is an increase of \$0.4750 per dk for firm customers and an increase of \$0.3159 per dk for interruptible customers.

Attachment B shows the calculations supporting the gas costs for October 2024, including the calculation of the commodity cost of gas. The commodity cost of gas has decreased \$0.0007 per dk for all customers since the last COG filing due to a decrease in the market price of gas.

Attachment C explains the reasons for the change in the market price of gas.

Attachment D shows the calculation of the Gas Cost Reconciliation (GCR) adjustment that will apply during the period of October 1, 2024 through September 30, 2025. The total GCR is an increase of \$0.4757 per dk for firm customers and an increase of \$0.3166 per dk for interruptible customers.

Great Plains respectfully requests this electronic filing, in lieu of an original and two (2) physical copies, be accepted as being in full compliance with the filing requirements of this Commission.

Please contact me at (701) 222-7855 or [travis.jacobson@mdu.com](mailto:travis.jacobson@mdu.com) with any questions regarding this filing.

Sincerely,

*/s/ Travis R. Jacobson*

Travis R. Jacobson  
Director of Regulatory Affairs

Attachments

10 PU-24-9 Filed 09/30/2024 Pages: 21  
October 2024 Cost of Gas Adjustment

Great Plains Natural Gas Co.  
Travis Jacobson, Director, Reg. Affairs

# **Attachment A**



**GREAT PLAINS NATURAL GAS CO.**  
*A Division of Montana-Dakota Utilities Co.*

**State of North Dakota  
 Gas Rate Schedule**

NDPSC Volume 2

213<sup>th</sup> Revised Sheet No. 1.1

Canceling 212<sup>th</sup> Revised Sheet No.1.1

**RATE SUMMARY SHEET**

Page 1 of 1

Rate Schedule	Sheet No.	Basic Service Charge	Distribution Delivery Charge	COG Items	Total Rate/dk
Firm Gas Service - General Rate 65 1/	2	\$0.250 per day	\$0.9220 per dk	\$3.2983	\$4.2203
Interruptible Gas Service - General Rate 71 1/	3	\$180.00 per month	(Maximum) \$0.6690 per dk	\$2.3157	(Maximum) \$2.9847
Transportation Service Rate 80 1/	5	\$180.00 per month	(Maximum) \$0.6690 per dk		(Maximum) \$0.6690

1/ Interim increase of 20.856% applicable to amounts billed under Basic Service Charge and Distribution Delivery Charge.

**Date Filed:** September 30, 2024

**Effective Date:** Service rendered on and after October 1, 2024

**Issued By:** Travis R. Jacobson  
 Director - Regulatory Affairs

**Case No.:** PU-24-009

**GREAT PLAINS NATURAL GAS CO.  
WAHPETON  
PURCHASED GAS COST ADJUSTMENT  
OCTOBER 2024**

Attachment B  
Page 1 of 9

	Billing Determinants	Rate 1/	Demand Months	Amount	Amount Per Dk
<u>Viking Firm</u>					
FT-A - Zone 1-1 (Cat. 3)	8,000	\$5.6200	12	\$539,520	\$0.1765
FT-A - Zone 1-1 (Cat. 1)	5,000	5.6200	12	337,200	0.1103
FT-A Seasonal (Cat. 3)	2,000	5.6200	5	56,200	0.0184
FT-A - Zone 1-1 (Cat. 3)	5,000	5.6200	12	337,200	0.1103
FT-A - Zone 1-1 (Cat. 3)	3,291	5.6200	12	221,945	0.0726
FT-A - Capacity Release	(4,291)	16.4756	5	(353,484)	(0.1157)
 <u>Northern Natural Firm</u>					
TFX - Winter/Seasonal	15,000	25.7990	5	1,934,925	0.6331
TFX - Summer	13,000	9.6760	7	880,516	0.2881
TF12 Base - Summer	5,129	9.6760	7	347,397	0.1137
TF12 Base - Winter	5,129	17.4170	5	446,659	0.1461
TF12 Variable - Summer	5,816	9.6760	7	393,929	0.1289
TF12 Variable - Winter	5,816	23.6090	5	686,550	0.2246
TFX - Summer	3,000	9.6760	7	203,196	0.0665
TFX - Winter	8,200	25.7990	5	1,057,759	0.3461
FDD-1 Reservation	4,640	3.2345	12	180,097	0.0589
Interruptible Demand Credit 4/				(867,619)	(0.2839)
Total Demand Charges				<u>\$6,401,990</u>	<u>\$2.0945</u>
Estimated Weighted Average Commodity Cost	3,056,267 2/	\$1.8799		5,745,476	1.8799
Gas Cost Reconciliation Adjustment					(0.6761)
Total Current Firm Gas Cost				<u>\$12,147,466</u>	<u>\$3.2983</u>
 <u>Interruptible</u>					
Demand Charge 3/					\$0.5221
Estimated Weighted Average Commodity Cost					1.8799
Gas Cost Reconciliation Adjustment					(0.0863)
Total Current Interruptible Gas Cost					<u>\$2.3157</u>
 1/ Effective October 1, 2024					
2/ Annual demand volume including Minnesota.					
3/ Interruptible demand charge based on 100% load factor:					
Firm Capacity (Per MN DEQ filing: Docket No. G004/M-23-262)		38,145			
Dk @ 100% Load Factor (Firm capacity x 365 days)		13,922,925			
Total Demand Charges (Excl. Interruptible Demand Credit)		<u>\$7,269,609</u>			
Interruptible Demand Charge per dk @ 100% LF		\$0.5221			
 4/ Interruptible Demand Credit:					
Interruptible Demand Charge per dk @ 100% LF		\$0.5221			
Total annual interruptible volumes		<u>1,661,787</u>			
Total Interruptible Demand Credit		(\$867,619)			
Total annual firm volumes		<u>3,056,267</u>			
Interruptible Demand Credit per dk - Firm		(\$0.2839)			

**GREAT PLAINS NATURAL GAS CO.  
WAHPETON  
ESTIMATED GAS COSTS  
OCTOBER 2024**

	<u>Total System Supply</u>	<u>Cost per Dk</u>	<u>FDD-1 Storage</u>	<u>FDD-1 Capacity</u>	<u>SMS 1/</u>	<u>Viking Transport</u>
<u>Estimated Cost Per Dk</u>						
Commodity Cost of Gas		\$1.7308				
Transportation - Northern Natural		0.0280	\$0.0280		\$0.0208	
Transportation - Viking						\$0.0156
Electric Power - Viking						0.0373
Withdrawal Fee			0.0232			
Fuel Transportation - Northern Natural 2/		0.0111				
Fuel Transportation - Viking 2/						0.0101
SMS Demand 3/		0.0271	0.0271			
LMS Demand 3/		0.0064	0.0064			
FDD-1 Capacity 4/				\$0.0382		
<b>Total Cost Per Dk</b>		<b>\$1.8034</b>	<b>\$0.0847</b>	<b>\$0.0382</b>	<b>\$0.0208</b>	<b>\$0.0630</b>
Total Estimated Dk Purchases 5/	372,293	372,293	0			222,998
Estimated Cost	\$699,862	\$671,393	\$0	\$14,222	\$198	\$14,049
Average Cost Per Dk		<u><u>\$1.8799</u></u>				

1/ Monthly requirement of 9,500 Dk.

2/ Transportation Fuel Percentage of	<u>NNG</u>	<u>Viking</u>
Field Area and Other	0.00%	0.00%
Market Area	0.64%	0.58%
<b>Total</b>	<u>0.64%</u>	<u>0.58%</u>

3/ Amount divided by the annual demand volume pursuant to Minnesota Rule 7825.2700 Subpart 5.

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Demand Months</u>	<u>Amount</u>	<u>Amount Per Dk</u>
SMS Demand	2,500	\$4.2550	12	\$127,650	\$0.0271
LMS Demand	2,500	1.0000	12	30,000	0.0064

4/ Amount divided by the annual demand volume pursuant to Minnesota Rule 7825.2700 Subpart 5.

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Demand Months</u>	<u>Amount</u>	<u>Amount Per Dk</u>
FDD-1 Demand Charge (Capacity Charge)	53,509	\$0.6731	5	\$180,085	\$0.0382

**GREAT PLAINS NATURAL GAS CO.  
WAHPETON  
ESTIMATED GAS COSTS  
OCTOBER 2024**

5/ Dk requirements for October	Required Monthly	Days in Month	Required Daily	Percent Supply
Estimated Dk Purchases	400,384	31	12,916	108%
Storage Gas	(28,090)	31	(906)	-8%
Total Dk Requirements	372,294		12,010	100%

Transportation Fuel

	NNG	Viking
Dk	372,294	222,999
Adjusted for Fuel Dk	374,692	224,300
Fuel Costs	\$4,150	\$2,252
Fuel Cost Per Dk	\$0.0111	\$0.0101

Storage Fuel - NNG

Dk	0
Adjusted for Fuel Dk	0
Fuel Costs	\$0
Fuel Cost Per Dk	\$0.0000

STATEMENT OF RATES  
 (Rates Per Dekatherm)

Currently Effective Term-Differentiated Rates

Rate Schedule	Base Tariff Rate
<b>Category 1 (Contract Term of Less than 3 Years)</b>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$6.0888
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate <sup>1/</sup>	\$8.0506
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.5344
Zone 2-2 Minimum Rate	\$0.0000
<b>Category 2 (Contract Term of 3 Years to less than 5 Years)</b>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$5.8544
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$7.7142
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.4324
Zone 2-2 Minimum Rate	\$0.0000
<b>Category 3 (Contract Term of 5 or more Years)</b>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$5.6200
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$7.3778
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.3304
Zone 2-2 Minimum Rate	\$0.0000

1/ Throughout Viking's Statement of Rates and Tariff, "Zone 1-2" shall mean Transportation Service for quantities received in Zone 1 and delivered in Zone 2 or received in Zone 2 and delivered in Zone 1 whether by transport, exchange, or Displacement.

Rate Schedule	Base Tariff Rate	Electric Power Cost Recovery Adjustment 2/	Fuel and Loss Retention Percentages 3/
Commodity Rates 1/			
FT-A – Maximum Rates			
Zone 1-1	\$0.0142	\$0.0373	0.58%
Zone 1-2	\$0.0142	\$0.0373	0.75%
Zone 2-2	\$0.0142	\$0.0373	0.17%
Minimum Rate	\$0.0142		
IT and AOT			
Zone 1-1	\$0.2144	\$0.0373	0.58%
Zone 1-2	\$0.2789	\$0.0373	0.75%
Zone 2-2	\$0.1304	\$0.0373	0.17%
Minimum Rate	\$0.0142		

- 1/ Pursuant to Section 19 of the General Terms and Conditions, the maximum and minimum commodity rates shall be increased to include the Commission-authorized Annual Charge Adjustment unit rate as published on the Commission's Web Site located at <http://www.ferc.gov>.
- 2/ The Electric Power Cost Recovery Adjustment shall be applicable to all transportation rate schedules.
- 3/ The Fuel and Loss Retention Percentages shall be applicable to all transportation rate schedules and includes the following Gas Lost and Unaccounted For Percentages: 0.00% for Zone 1-1, 0.00% for Zone 1-2, and 0.00% for Zone 2-2. Transportation entirely by Displacement will incur only the Gas Lost and Unaccounted For Percentages.

Rate Schedule	Base Tariff Rate	Adjustment Under Section 27 1/	Rate After Current Adjustment
LMS – Monthly Demand Rate	\$1.0000		\$1.0000
LMS – Daily Overrun Rate	\$0.2789		\$0.2789
LMS – Load Management Cost Reconciliation Adjustment		\$0.0634	

- 1/ Pursuant to Section 27 of the General Terms and Conditions of this Tariff, a mechanism is established to reconcile through surcharges or credits to the Rate Schedule LMS rate, as appropriate, differences between the cost to maintain Company's line pack gas and the amounts Company receives or pays for such gas arising out of the purchase and sale of such gas.

Rate Schedule	Maximum Rate Per Dekatherm	Minimum Rate Per Dekatherm
PAL		
NPL, OPL, and APL Service:		
Daily Commodity Rate	\$0.2789	\$0.0000
RPL Service:		
Daily Reservation Rate	\$0.2789	\$0.0000

RATE SCHEDULE TF

RESERVATION RATES	MARKET-TO-MARKET			FIELD-TO-FIELD/MARKET DEMARCATION
	TF12 Base	TF12 Variable	TF5	TFF
Base Tariff Rates 1/ 2/				
Summer (Apr-Oct)	9.676	9.676	-0-	7.485
Winter (Nov-Mar)	<u>17.417</u>	<u>23.609</u>	<u>25.799</u>	<u>13.476</u>

  

COMMODITY RATES 3/ 4/					
TF12 Base, TF12 Var., TF5 & TFF	Market Area 5/	Field Mileage Rate per 100 miles	Out-of Balance	Carlton Surcharge 6/	
Receipt Point	Delivery Point	Commodity	Commodity	Commodity	Maximum Minimum
Market	Market	0.0260		0.0260	0.0175 0.0000
Field	Market	0.0260	0.0103		0.0175 0.0000
Market	Field		0.0103		
Field	Field		0.0103	0.0217	

- 1/ The minimum reservation rate is equal to zero.
- 2/ Northern and Shipper may agree to charge an average of the maximum TF12 and TF5 or TFF rates during the applicable months of service as set forth in the Firm Throughput Service Agreement without exceeding the maximum rate.
- 3/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 4/ The firm transportation services commodity rates are not discountable. The commodity rate is the maximum and minimum commodity rate. The applicable MIDs commodity rate will be in addition to the TF reservation rates. The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 5/ There will be no commodity charge 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 commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 6/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

RATE SCHEDULE TFX

RESERVATION RATES	MARKET-TO-MARKET		FIELD-TO-FIELD	
	Apr-Oct	Nov-Mar	Apr-Oct	Nov-Mar
Base Tariff Rates 1/ 2/	<u>\$9.676</u>	<u>\$25.799</u>	<u>\$7.485</u>	<u>\$13.476</u>

COMMODITY RATES 3/ 4/

TFX		Market Area 5/	Field Mileage Rate per 100 miles	Out-of-Balance	Carlton Surcharge 6/
Receipt Point	Delivery Point	Commodity	Commodity	Commodity	Maximum Minimum
Market	Market	0.0260		0.0260	0.0175 0.0000
Field	Market	0.0260	0.0103		0.0175 0.0000
Market	Field		0.0103		
Field	Field		0.0103	0.0217	

- 1/ The minimum reservation rate is equal to zero.
- 2/ Northern and Shipper may agree to charge an average of the maximum Market Area or Field Area rates during the applicable months of service as set forth in the Firm Throughput Service Agreement without exceeding the maximum rate.
- 3/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 4/ The firm transportation services commodity rates are not discountable. The commodity rate is the maximum and minimum commodity rate. The applicable MIDs commodity rate will be in addition to the TFX reservation rates. The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 5/ There will be no commodity charge 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 commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 6/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

RATE SCHEDULES TF, TFX, GST, TI, & FDD

Fuel Percentages/Electric Compression Rates

	<u>Percentages</u>
FUEL PERCENTAGES:	1/ 2/
Market Area (including Out-of-Balance)	0.56%
Field Area	3/ 4/ 5/ 6/
UNACCOUNTED FOR PERCENTAGE (including Out-of-Balance)	0.08% 2/ 5/ 7/
FDD STORAGE FUEL	1.19%
FDD URR PERCENTAGE	0.72% 1/

	<u>Electric Compression</u>
COMMODITY RATES:	1/ 2/
Market Area	\$0.0006
Field Area	\$0.0000

1/ Northern will adjust its Fuel, UAF and URR percentages and electric compression commodity rates in accordance with 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 Sheet Nos. 141,142C and 147.

3/ Fuel percentages shall be determined by MIDs for the Field Area shown in Sheet Nos. 61-62.

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/ Sheet No. 54A identifies the specific transportation transactions exempt from Fuel and UAF retention charges.

6/ The out-of-balance Fuel percentage for deliveries in MIDs 1-7 shall be the applicable Section 1 Transportation Fuel percentage, and for deliveries in MIDs 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.

RATE SCHEDULES FDD, PDD, IDD, ILD & SMS

Rate Schedule FDD

Maximum Reservation Charge	3.2345	1/
Maximum Capacity Charge	0.6731	1/
Injection Charge - Firm	0.0232	
Withdrawal Charge - Firm	0.0232	
Annual Rollover Charge	0.6731	1/

Rate Schedule PDD

Maximum Capacity Charge	0.6731	1/
Maximum Monthly Inventory Charge	0.1624	1/
Injection Charge	0.0232	
Withdrawal Charge	0.0232	
Annual Rollover Charge	0.6731	1/

Rate Schedule IDD

Maximum Monthly Inventory Charge	0.1624	1/
Injection Charge	0.0232	
Withdrawal Charge	0.0232	
Annual Rollover Charge	0.6731	1/

Rate Schedule ILD

Maximum Charge	11.7500	
Minimum Charge	0.5044	
Performance Obligation Charge	2.0000	

Rate Schedule SMS

Reservation Charge	4.2550	
Commodity Rate	0.0208	

1/ Minimum Rate is zero.

**Great Plains Natural Gas Co.  
Market Conditions for Wahpeton's Natural Gas  
October 2024**

The principal gas sources of natural gas for Wahpeton, North Dakota are from the mid-continent area of the United States. The pricing for the majority of this gas is the Northern Natural Gas Co. Ventura, Iowa point which is an actively traded market point in North America. The NNG-Ventura Index is based on negotiated trades during the last five business days of the month, commonly known as bid week, and reported by Platt's Inside FERC's Gas Market Report published at the beginning of each month.

This month's monthly price for the NNG-Ventura Index is expected to increase by approximately \$0.02/MMBTU from the previous month's index of \$1.74/MMBTU. The EIA reported nationwide storage levels as of August 23, 2024 at 12.1 percent above the five-year average and 7.3 percent above last year's balance.

The Department of Energy's (DOE) Energy Information Administration (EIA) provides various publications on energy issues. The information is available on the DOE website: <http://www.eia.doe.gov>.

**GREAT PLAINS NATURAL GAS CO.  
GAS COST RECONCILIATION ADJUSTMENT  
APPLICABLE TO NORTH DAKOTA  
FIRM  
TO BE EFFECTIVE OCTOBER 1, 2024 THROUGH SEPTEMBER 30, 2025**

(Over)/under recovered gas costs @ August 31, 2024: (\$219,238)

Less projected recovery from rates already established:

	Volume	Rate	Amount
September	6,500	(\$1.1518)	(\$7,487)

**Additional recovery required** (\$211,751)

Projected sales volumes (dk)

October 2024	20,700	
November	36,500	
December	52,800	
January 2025	59,600	
February	50,500	
March	39,500	
April	22,900	
May	8,900	
June	5,000	
July	5,100	
August	5,100	
September	6,600	
Total		313,200

Total gas cost reconciliation adjustment  
to be effective October 1, 2024 through September 30, 2025. (\$0.6761)

**GREAT PLAINS NATURAL GAS CO.  
GAS COST RECONCILIATION ADJUSTMENT  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE  
TO BE EFFECTIVE OCTOBER 1, 2024 THROUGH SEPTEMBER 30, 2025**

(Over)/under recovered gas costs @ August 31, 2024: (\$92,955)

Less projected recovery from rates already established:

	Volume	Rate	Amount
September	45,200	(\$0.4029)	(\$18,211)

**Additional recovery required** (\$74,744)

Projected sales volumes (dk)

October 2024	58,500	
November	74,400	
December	102,100	
January 2025	114,500	
February	94,700	
March	83,100	
April	72,700	
May	59,500	
June	56,600	
July	55,400	
August	49,800	
September	45,200	
Total		<u>866,500</u>

Total gas cost reconciliation adjustment  
to be effective October 1, 2024 through September 30, 2025. (\$0.0863)

**GREAT PLAINS NATURAL GAS CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ACCOUNT BALANCE  
APPLICABLE TO NORTH DAKOTA  
FIRM**

	(Over) Under Recovery	Refunds & Other	Interest 1/	Total Net Additions	Actual Dk Sales	Adjustment Per Dk	Total Adjustment Amount	Net Change	Cumulative Balance
<b>Balance @ August 31, 2023</b>									<b><u>(\$365,429)</u></b>
September 2023	\$14,093		(\$1,581)	\$12,512	5,232	(\$1.4937)	(\$7,815)	\$20,327	(345,102)
October	39,953		(1,490)	38,463	7,471	(1.1518)	(10,185) 2/	48,648	(296,454)
November	(30,526)	(116,066) 3/	(1,251)	(147,843)	19,831	(1.1518)	(22,841)	(125,002)	(421,456)
December	310		(1,790)	(1,480)	36,278	(1.1518)	(41,785)	40,305	(381,151)
January 2024	(26,482)		(1,610)	(28,092)	49,106	(1.1518)	(56,560)	28,468	(352,683)
February	(22,495)		(1,499)	(23,994)	47,292	(1.1518)	(54,471)	30,477	(322,206)
March	(9,284)		(1,372)	(10,656)	36,072	(1.1518)	(41,547)	30,891	(291,315)
April	(27,538)		(1,241)	(28,779)	34,190	(1.1518)	(39,380)	10,601	(280,714)
May	(28,087)		(1,201)	(29,288)	19,327	(1.1518)	(22,262)	(7,026)	(287,740)
June	(40,062)		(1,230)	(41,292)	7,874	(1.1518)	(9,069)	(32,223)	(319,963)
July	36,574		(1,357)	35,217	5,996	(1.1518)	(6,907)	42,124	(277,839)
August	53,636		(1,137)	52,499	5,298	(1.1518)	(6,102)	58,601	(219,238)
Total	<u>(\$39,908)</u>	<u>(\$116,066)</u>	<u>(\$16,759)</u>	<u>(\$172,733)</u>	<u>273,967</u>		<u>(\$318,924)</u>	<u>\$146,191</u>	
<b>Balance @ August 31, 2024</b>									<b><u>(\$219,238)</u></b>

1/ Interest calculated at the 3 Month Treasury Bill Rate.

2/ Reflects 4,620.9 dk @ (\$1.4937) and 2,849.8 dk @ (\$1.1518).

3/ Northern Natural Gas Refund per the September 2023 FERC Order No. RP22-1033-005.

**GREAT PLAINS NATURAL GAS CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ACCOUNT BALANCE  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE**

	(Over) Under Recovery	Refunds & Other	Interest 1/	Total Net Additions	Actual Dk Sales	Adjustment Per Dk	Total Adjustment Amount	Net Change	Cumulative Balance
<b>Balance @ August 31, 2023</b>									<b><u>(\$370,344)</u></b>
September 2023	(\$1,510)		(\$1,579)	(\$3,089)	14,280	(\$0.4655)	(\$6,647)	\$3,558	(366,786)
October	(6,560)		(1,562)	(8,122)	42,852	(0.4029)	(19,384) 2/	11,262	(355,524)
November	(25,283)	(14,250) 3/	(1,487)	(41,020)	63,473	(0.4029)	(25,573)	(15,447)	(370,971)
December	(7,862)		(1,546)	(9,408)	81,408	(0.4029)	(32,799)	23,391	(347,580)
January 2024	14,532		(1,441)	13,091	91,287	(0.4029)	(36,779)	49,870	(297,710)
February	49,789		(1,233)	48,556	92,248	(0.4029)	(37,167)	85,723	(211,987)
March	(3,188)		(863)	(4,051)	81,678	(0.4029)	(32,908)	28,857	(183,130)
April	7,146		(743)	6,403	75,872	(0.4029)	(30,569)	36,972	(146,158)
May	(17,363)		(588)	(17,951)	67,338	(0.4029)	(27,130)	9,179	(136,979)
June	(44,316)		(551)	(44,867)	53,067	(0.4029)	(21,380)	(23,487)	(160,466)
July	8,607		(652)	7,955	57,396	(0.4029)	(23,125)	31,080	(129,386)
August	17,014		(506)	16,508	49,450	(0.4029)	(19,923)	36,431	(92,955)
<b>Total</b>	<b><u>(\$8,994)</u></b>	<b><u>(\$14,250)</u></b>	<b><u>(\$12,751)</u></b>	<b><u>(\$35,995)</u></b>	<b><u>770,349</u></b>		<b><u>(\$313,384)</u></b>	<b><u>\$277,389</u></b>	<b><u>(\$92,955)</u></b>
<b>Balance @ August 31, 2024</b>									<b><u>(\$92,955)</u></b>

1/ Interest calculated at the 3 Month Treasury Bill Rate.

2/ Reflects 33,850.5 dk @ (\$0.4655) and 9,001.1 dk @ (\$0.4029).

3/ Northern Natural Gas Refund per the September 2023 FERC Order No. RP22-1033-005.

**GREAT PLAINS NATURAL GAS CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
FIRM**

	<u>1/</u>	<u>2/</u>	<u>3/</u>	<u>Total</u>
<u>September 2023</u>				
Cost of Gas - Actual	\$6.27510	\$7.53990	\$6.27510	
Cost of Gas - Recovered	<u>4.35630</u>	<u>4.35630</u>	<u>4.35630</u>	
(Over) Under recovery per dk	\$1.91880	\$3.18360	\$1.91880	
dk billed	<u>0</u>	<u>3,206</u>	<u>2,026</u>	5,232
(Over) Under recovery	<u>\$0</u>	<u>\$10,206</u>	<u>\$3,887</u>	<u>\$14,093</u>
<u>October 2023</u>				
Cost of Gas - Actual	(\$6.64380)	\$6.27510	(\$6.64380)	
Cost of Gas - Recovered	<u>4.26140</u>	<u>4.35630</u>	<u>4.35630</u>	
(Over) Under recovery per dk	(\$10.90520)	\$1.91880	(\$11.00010)	
dk billed	<u>2,850</u>	<u>9,433</u>	<u>(4,812)</u>	7,471
(Over) Under recovery	<u>(\$31,079)</u>	<u>\$18,100</u>	<u>\$52,932</u>	<u>\$39,953</u>
<u>November 2023</u>				
Cost of Gas - Actual	\$5.35770	(\$6.64380)	\$5.35770	
Cost of Gas - Recovered	<u>5.07040</u>	<u>4.26140</u>	<u>4.26140</u>	
(Over) Under recovery per dk	\$0.28730	(\$10.90520)	\$1.09630	
dk billed	<u>6,504</u>	<u>10,924</u>	<u>2,403</u>	19,831
(Over) Under recovery	<u>\$1,869</u>	<u>(\$151,095)</u>	<u>\$2,634</u>	<u>(\$146,592)</u>
<u>December 2023</u>				
Cost of Gas - Actual	\$4.93890	\$5.35770	\$4.93890	
Cost of Gas - Recovered	<u>5.52520</u>	<u>5.07040</u>	<u>5.07040</u>	
(Over) Under recovery per dk	(\$0.58630)	\$0.28730	(\$0.13150)	
dk billed	<u>10,181</u>	<u>23,187</u>	<u>2,910</u>	36,278
(Over) Under recovery	<u>(\$5,969)</u>	<u>\$6,662</u>	<u>(\$383)</u>	<u>\$310</u>
<u>January 2024</u>				
Cost of Gas - Actual	\$5.06930	\$4.93890	\$5.06930	
Cost of Gas - Recovered	<u>5.52520</u>	<u>5.52520</u>	<u>5.52520</u>	
(Over) Under recovery per dk	(\$0.45590)	(\$0.58630)	(\$0.45590)	
dk billed	<u>0</u>	<u>31,398</u>	<u>17,708</u>	49,106
(Over) Under recovery	<u>\$0</u>	<u>(\$18,409)</u>	<u>(\$8,073)</u>	<u>(\$26,482)</u>
<u>February 2024</u>				
Cost of Gas - Actual	\$5.41580	\$5.06930	\$5.41580	
Cost of Gas - Recovered	<u>5.79670</u>	<u>5.52520</u>	<u>5.52520</u>	
(Over) Under recovery per dk	(\$0.38090)	(\$0.45590)	(\$0.10940)	
dk billed	<u>13,373</u>	<u>39,510</u>	<u>(5,591)</u>	47,292
(Over) Under recovery	<u>(\$5,094)</u>	<u>(\$18,013)</u>	<u>\$612</u>	<u>(\$22,495)</u>

- 1/ Consumed in current month (current month billed @ current month rate).  
2/ Consumed in prior month (prior month unbilled billed @ prior month rate).  
3/ True-up of prior month volumes (current month billed @ prior month rate).

**GREAT PLAINS NATURAL GAS CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
FIRM**

	<u>1/</u>	<u>2/</u>	<u>3/</u>	<u>Total</u>
<u>March 2024</u>				
Cost of Gas - Actual	\$4.08410	\$5.41580	\$4.08410	
Cost of Gas - Recovered	<u>4.92580</u>	<u>5.79670</u>	<u>5.79670</u>	
(Over) Under recovery per dk	(\$0.84170)	(\$0.38090)	(\$1.71260)	
dk billed	<u>11,643</u>	<u>31,803</u>	<u>(7,374)</u>	36,072
(Over) Under recovery	<u>(\$9,799)</u>	<u>(\$12,114)</u>	<u>\$12,629</u>	<u>(\$9,284)</u>
<u>April 2024</u>				
Cost of Gas - Actual	\$2.45210	\$4.08410	\$2.45210	
Cost of Gas - Recovered	<u>3.72810</u>	<u>4.92580</u>	<u>4.92580</u>	
(Over) Under recovery per dk	(\$1.27600)	(\$0.84170)	(\$2.47370)	
dk billed	<u>9,256</u>	<u>28,157</u>	<u>(3,223)</u>	34,190
(Over) Under recovery	<u>(\$11,811)</u>	<u>(\$23,700)</u>	<u>\$7,973</u>	<u>(\$27,538)</u>
<u>May 2024</u>				
Cost of Gas - Actual	\$5.04230	\$2.45210	\$5.04230	
Cost of Gas - Recovered	<u>3.56290</u>	<u>3.72810</u>	<u>3.72810</u>	
(Over) Under recovery per dk	\$1.47940	(\$1.27600)	\$1.31420	
dk billed	<u>5,428</u>	<u>20,996</u>	<u>(7,097)</u>	19,327
(Over) Under recovery	<u>\$8,031</u>	<u>(\$26,791)</u>	<u>(\$9,327)</u>	<u>(\$28,087)</u>
<u>June 2024</u>				
Cost of Gas - Actual	\$9.09290	\$5.04230	\$9.09290	
Cost of Gas - Recovered	<u>4.16680</u>	<u>3.56290</u>	<u>3.56290</u>	
(Over) Under recovery per dk	\$4.92610	\$1.47940	\$5.53000	
dk billed	<u>2,160</u>	<u>20,318</u>	<u>(14,604)</u>	7,874
(Over) Under recovery	<u>\$10,640</u>	<u>\$30,058</u>	<u>(\$80,760)</u>	<u>(\$40,062)</u>
<u>July 2024</u>				
Cost of Gas - Actual	\$20.28500	\$9.09290	\$20.28500	
Cost of Gas - Recovered	<u>4.16680</u>	<u>4.16680</u>	<u>4.16680</u>	
(Over) Under recovery per dk	\$16.11820	\$4.92610	\$16.11820	
dk billed	<u>0</u>	<u>5,368</u>	<u>628</u>	5,996
(Over) Under recovery	<u>\$0</u>	<u>\$26,444</u>	<u>\$10,130</u>	<u>\$36,574</u>
<u>August 2024</u>				
Cost of Gas - Actual	\$4.09360	\$20.28500	\$4.09360	
Cost of Gas - Recovered	<u>3.68080</u>	<u>4.16680</u>	<u>4.16680</u>	
(Over) Under recovery per dk	\$0.41280	\$16.11820	(\$0.07320)	
dk billed	<u>1,882</u>	<u>3,280</u> 4/	<u>136</u>	5,298
(Over) Under recovery	<u>\$777</u>	<u>\$52,869</u>	<u>(\$10)</u>	<u>\$53,636</u>

- 1/ Consumed in current month (current month billed @ current month rate).  
2/ Consumed in prior month (prior month unbilled billed @ prior month rate).  
3/ True-up of prior month volumes (current month billed @ prior month rate).  
4/ Includes annual volume true-up.

**GREAT PLAINS NATURAL GAS CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE**

	<u>1/</u>	<u>2/</u>	<u>3/</u>	<u>Total</u>
<u>September 2023</u>				
Cost of Gas - Actual	\$2.91130	\$2.88940	\$2.91130	
Cost of Gas - Recovered	<u>3.00210</u>	<u>3.00210</u>	<u>3.00210</u>	
(Over) Under recovery per dk	(\$0.09080)	(\$0.11270)	(\$0.09080)	
dk billed	<u>0</u>	<u>9,735</u>	<u>4,545</u>	14,280
(Over) Under recovery	<u>\$0</u>	<u>(\$1,097)</u>	<u>(\$413)</u>	<u>(\$1,510)</u>
<u>October 2023</u>				
Cost of Gas - Actual	\$2.70530	\$2.91130	\$2.70530	
Cost of Gas - Recovered	<u>2.90720</u>	<u>3.00210</u>	<u>3.00210</u>	
(Over) Under recovery per dk	(\$0.20190)	(\$0.09080)	(\$0.29680)	
dk billed	<u>9,001</u>	<u>25,747</u>	<u>8,104</u>	42,852
(Over) Under recovery	<u>(\$1,817)</u>	<u>(\$2,338)</u>	<u>(\$2,405)</u>	<u>(\$6,560)</u>
<u>November 2023</u>				
Cost of Gas - Actual	\$3.64510	\$2.70530	\$3.64510	
Cost of Gas - Recovered	<u>3.72510</u>	<u>2.90720</u>	<u>2.90720</u>	
(Over) Under recovery per dk	(\$0.08000)	(\$0.20190)	\$0.73790	
dk billed	<u>6,799</u>	<u>62,658</u>	<u>(5,984)</u>	63,473
(Over) Under recovery	<u>(\$544)</u>	<u>(\$34,574)</u>	<u>(\$4,415)</u>	<u>(\$39,533)</u>
<u>December 2023</u>				
Cost of Gas - Actual	\$4.18720	\$3.64510	\$4.18720	
Cost of Gas - Recovered	<u>4.17990</u>	<u>3.72510</u>	<u>3.72510</u>	
(Over) Under recovery per dk	\$0.00730	(\$0.08000)	\$0.46210	
dk billed	<u>11,540</u>	<u>74,216</u>	<u>(4,348)</u>	81,408
(Over) Under recovery	<u>\$84</u>	<u>(\$5,937)</u>	<u>(\$2,009)</u>	<u>(\$7,862)</u>
<u>January 2024</u>				
Cost of Gas - Actual	\$4.85290	\$4.18720	\$4.85290	
Cost of Gas - Recovered	<u>4.17990</u>	<u>4.17990</u>	<u>4.17990</u>	
(Over) Under recovery per dk	\$0.67300	\$0.00730	\$0.67300	
dk billed	<u>0</u>	<u>70,458</u>	<u>20,829</u>	91,287
(Over) Under recovery	<u>\$0</u>	<u>\$514</u>	<u>\$14,018</u>	<u>\$14,532</u>
<u>February 2024</u>				
Cost of Gas - Actual	\$4.43040	\$4.85290	\$4.43040	
Cost of Gas - Recovered	<u>4.45140</u>	<u>4.17990</u>	<u>4.17990</u>	
(Over) Under recovery per dk	(\$0.02100)	\$0.67300	\$0.25050	
dk billed	<u>16,024</u>	<u>73,447</u>	<u>2,777</u>	92,248
(Over) Under recovery	<u>(\$337)</u>	<u>\$49,430</u>	<u>\$696</u>	<u>\$49,789</u>

1/ Consumed in current month (current month billed @ current month rate).

2/ Consumed in prior month (prior month unbilled billed @ prior month rate).

3/ True-up of prior month volumes (current month billed @ prior month rate).

**GREAT PLAINS NATURAL GAS CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE**

	<u>1/</u>	<u>2/</u>	<u>3/</u>	<u>Total</u>
<u>March 2024</u>				
Cost of Gas - Actual	\$3.56330	\$4.43040	\$3.56330	
Cost of Gas - Recovered	<u>3.41280</u>	<u>4.45140</u>	<u>4.45140</u>	
(Over) Under recovery per dk	\$0.15050	(\$0.02100)	(\$0.88810)	
dk billed	<u>14,981</u>	<u>62,035</u>	<u>4,662</u>	81,678
(Over) Under recovery	<u><u>\$2,255</u></u>	<u><u>(\$1,303)</u></u>	<u><u>(\$4,140)</u></u>	<u><u>(\$3,188)</u></u>
<u>April 2024</u>				
Cost of Gas - Actual	\$2.15320	\$3.56330	\$2.15320	
Cost of Gas - Recovered	<u>2.28520</u>	<u>3.41280</u>	<u>3.41280</u>	
(Over) Under recovery per dk	(\$0.13200)	\$0.15050	(\$1.25960)	
dk billed	<u>11,362</u>	<u>63,756</u>	<u>754</u>	75,872
(Over) Under recovery	<u><u>(\$1,500)</u></u>	<u><u>\$9,595</u></u>	<u><u>(\$949)</u></u>	<u><u>\$7,146</u></u>
<u>May 2024</u>				
Cost of Gas - Actual	\$1.57490	\$2.15320	\$1.57490	
Cost of Gas - Recovered	<u>2.02170</u>	<u>2.28520</u>	<u>2.28520</u>	
(Over) Under recovery per dk	(\$0.44680)	(\$0.13200)	(\$0.71030)	
dk billed	<u>13,367</u>	<u>46,594</u>	<u>7,377</u>	67,338
(Over) Under recovery	<u><u>(\$5,972)</u></u>	<u><u>(\$6,151)</u></u>	<u><u>(\$5,240)</u></u>	<u><u>(\$17,363)</u></u>
<u>June 2024</u>				
Cost of Gas - Actual	\$2.43580	\$1.57490	\$2.43580	
Cost of Gas - Recovered	<u>2.59440</u>	<u>2.02170</u>	<u>2.02170</u>	
(Over) Under recovery per dk	(\$0.15860)	(\$0.44680)	\$0.41410	
dk billed	<u>9,338</u>	<u>70,790</u>	<u>(27,061)</u>	53,067
(Over) Under recovery	<u><u>(\$1,481)</u></u>	<u><u>(\$31,629)</u></u>	<u><u>(\$11,206)</u></u>	<u><u>(\$44,316)</u></u>
<u>July 2024</u>				
Cost of Gas - Actual	\$3.27040	\$2.43580	\$3.27040	
Cost of Gas - Recovered	<u>2.59440</u>	<u>2.59440</u>	<u>2.59440</u>	
(Over) Under recovery per dk	\$0.67600	(\$0.15860)	\$0.67600	
dk billed	<u>0</u>	<u>36,177</u>	<u>21,219</u>	57,396
(Over) Under recovery	<u><u>\$0</u></u>	<u><u>(\$5,737)</u></u>	<u><u>\$14,344</u></u>	<u><u>\$8,607</u></u>
<u>August 2024</u>				
Cost of Gas - Actual	\$2.04320	\$3.27040	\$2.04320	
Cost of Gas - Recovered	<u>2.10840</u>	<u>2.59440</u>	<u>2.59440</u>	
(Over) Under recovery per dk	(\$0.06520)	\$0.67600	(\$0.55120)	
dk billed	<u>11,815</u>	<u>31,396</u>	<u>6,239</u>	49,450
(Over) Under recovery	<u><u>(\$770)</u></u>	<u><u>\$21,223</u></u>	<u><u>(\$3,439)</u></u>	<u><u>\$17,014</u></u>

- 1/ Consumed in current month (current month billed @ current month rate).  
2/ Consumed in prior month (prior month unbilled billed @ prior month rate).  
3/ True-up of prior month volumes (current month billed @ prior month rate).  
4/ Includes annual volume true-up.