

December 31, 2019

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

Re: Cost of Gas Adjustment (COG)
January 2020
Case No. PU-20-010

Great Plains Natural Gas Co. (Great Plains), a Division of Montana-Dakota Utilities Co., herewith submits an original and two (2) copies of a Cost of Gas Adjustment (COG) pursuant to North Dakota Century Code 49-05-05.

Attachment A is the Rate Summary Sheet (164th Revised Sheet No. 1.1) showing the proposed natural gas rates and the January 2020 cost of gas. The net effect of this filing is an increase of \$0.4106 per dk for firm general service customers and a decrease of \$0.0635 per dk for interruptible customers.

Attachment B shows the calculations supporting the gas costs for January 2020, including the calculation of the commodity cost of gas. The commodity cost of gas has decreased \$0.2584 per dk for all customers since the last COG filing due to a decrease in the market price of gas. Demand costs have been updated resulting in an increase of \$0.6690 per dk for firm general service customers and an increase of \$0.1949 per dk for interruptible customers.

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

Attachment D shows the calculation of the balancing account since April 30, 2019.

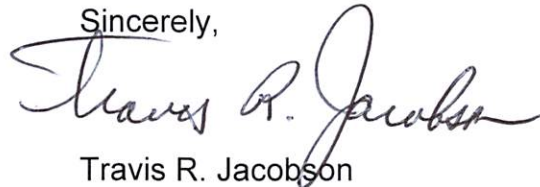
Great Plains submitted a check for \$600.00 on December 26, 2018 pursuant to the requirements of Section 49-05-05 of the North Dakota Century Code. This payment covers the \$50.00 filing fee associated with the monthly COG filings.

Great Plains respectfully requests this filing be accepted as being in full compliance with the filing requirements of this Commission.

Please acknowledge receipt by stamping or initialing the duplicate copy of this letter attached hereto and returning the same in the enclosed self-addressed, stamped envelope.

If you have questions regarding this filing, please contact me at (701) 222-7855 or travis.jacobson@mdu.com

Sincerely,

A handwritten signature in black ink that reads "Travis R. Jacobson". The signature is written in a cursive style with a large initial 'T' and a long, sweeping underline.

Travis R. Jacobson
Director of Regulatory Affairs

Attachments

Attachment A

Attachment A



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of North Dakota Gas Rate Schedule

NDPSC Volume 2

164th Revised Sheet No. 1.1

Canceling 163rd 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	2	\$3.50 per month	First 10 dk \$1.0720 Over 10 dk 0.8220	\$4.0184	\$5.0904 4.8404
Interruptible Gas Service - General Rate 71	3	\$3.50 per month	(Maximum) First 400 dk \$1.0160 Next 2,600 dk 0.7675 Over 3,000 dk 0.6140	\$3.0910	(Maximum) \$4.1070 3.8585 3.7050
Transportation Service Rate 80	5	\$3.50 per month	(Maximum) First 400 dk \$1.0160 Next 2,600 dk 0.7675 Over 3,000 dk 0.6140		(Maximum) \$1.0160 0.7675 0.6140

Date Filed: December 31, 2019

Effective Date: Service rendered on and after January 1, 2020

Issued By: Tamie A. Aberle
Director - Regulatory Affairs

Case No.: PU-20-010

GREAT PLAINS NATURAL GAS CO.
WAHPETON
PURCHASED GAS COST ADJUSTMENT
JANUARY 2020

	Billing Determinants	Rate 1/	Demand Months	Amount	Amount Per Dk
<u>Viking Firm</u>					
FT-A - Zone 1-1 (Cat. 3)	8,000	\$4.6306	12	\$444,538	\$0.1400
FT-A - Zone 1-1 (Cat. 1)	5,000	4.6306	12	277,836	0.0875
FT-A Seasonal (Cat. 3)	2,000	4.6306	5	46,306	0.0146
FT-A - Zone 1-1 (Cat. 3)	5,000	4.6306	12	277,836	0.0875
FT-A - Capacity Release	(2,200)	4.7507	5	(52,258)	(0.0165)
<u>Northern Natural Firm</u>					
TFX - Winter/Seasonal	15,000	26.8220	5	2,011,650	\$0.6334
TFX - Summer	13,000	10.0580	7	915,278	0.2882
TF12 Base - Summer	3,921	10.0580	7	276,062	0.0869
TF12 Base - Winter	3,921	18.1050	5	354,949	0.1118
TF12 Variable - Summer	3,614	10.0580	7	254,447	0.0801
TF12 Variable - Winter	3,614	24.5420	5	443,474	0.1396
TF5	3,410	26.8220	5	457,315	0.1440
TFX - Summer	2,000	10.0580	7	140,812	0.0443
TFX - Winter	7,200	26.8220	5	965,592	0.3040
TFX Negotiated Contract - Winter	1,000	26.8918	5	134,459	0.0423
FDD-1 Reservation	4,640	3.5994	12	200,415	0.0631
Interruptible Demand Credit 4/				(938,835)	(0.2956)
Total Demand Charges				\$6,209,876	\$1.9552
Estimated Weighted Average Commodity Cost	3,175,968 2/	2.5375		8,059,019	2.5375
Gas Cost Reconciliation Adjustment					(0.4743)
Total Current Firm Gas Cost				<u>\$14,268,895</u>	<u>\$4.0184</u>
Base Cost of Gas					5.2370
Accumulated Adjustment					<u>(\$1.2186)</u>
<u>Interruptible</u>					
Demand Charge 3/					\$0.5301
Estimated Weighted Average Commodity Cost					2.5375
Gas Cost Reconciliation Adjustment					0.0234
Total Current Interruptible Gas Cost					\$3.0910
Base Cost of Gas					5.1708
Accumulated Adjustment					<u>(\$2.0798)</u>
1/ Effective January 1, 2020					
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-18-454)				36,945	
Dk @ 100% Load Factor (Firm capacity x 365 days)				13,484,925	
Total Demand Charges (Excl. Interruptible Demand Credit)				<u>7,148,711</u>	
Interruptible Demand Charge per dk @ 100% LF					\$0.5301
4/ Interruptible Demand Credit:					
Interruptible Demand Charge per dk @ 100% LF				\$0.5301	
Total annual interruptible volumes				<u>1,771,053</u>	
Total Interruptible Demand Credit					<u>(\$938,835)</u>
Total annual firm volumes				<u>3,175,968</u>	
Interruptible Demand Credit per dk - Firm					<u>(\$0.2956)</u>

**GREAT PLAINS NATURAL GAS CO.
WAHPETON
ESTIMATED GAS COSTS
JANUARY 2020**

Attachment B
Page 2 of 9

	<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		\$2.4313	\$2.0140			
Transportation - Northern Natural		0.0378	\$0.0378		\$0.0260	
Transportation - Viking						0.0152
Withdrawal Fee			0.0197			
Fuel Transportation - Northern Natural 2/		0.0251	0.0257			
Fuel Transportation - Viking 2/						0.0022
SMS Demand 3/		0.0212	0.0212			
LMS Demand 3/		0.0065	0.0065			
FDD-1 Capacity 4/				\$0.0433		
Total Cost Per Dk		\$2.5219	\$2.1249	\$0.0433	\$0.0260	\$0.0174
Total Estimated Dk Purchases 5/	806,863	729,275	77,588			472,254
Estimated Cost	\$2,047,427	\$1,839,159	\$164,867	\$34,937	\$247	\$8,217
Average Cost Per Dk		<u>\$2.5375</u>				

1/ Monthly requirement of 9,500 Dk.

	<u>NNG</u>	<u>Viking</u>
2/ Transportation Fuel Percentage of Field Area and Other	0.00%	0.00%
Market Area	1.02%	0.09%
Total	1.02%	0.09%

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	\$3.2700	12	\$98,100	\$0.0212
LMS Demand	2,500	\$1.0000	12	\$30,000	\$0.0065

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	\$0.7491	5	\$200,418	\$0.0433

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

5/ Dk requirements for January	Required Monthly	Days in Month	Required Daily	Percent Supply
Estimated Dk Purchases	729,275	31	23,525	90%
Storage Gas	77,588	31	2,503	10%
Total Dk Requirements	806,863		26,028	100%

Transportation Fuel

	NNG	Viking
Dk	729,275	472,254
Adjusted for Fuel Dk	736,790	472,679

Fuel Costs	\$18,271	\$1,033
------------	----------	---------

Fuel Cost Per Dk	\$0.0251	\$0.0022
------------------	----------	----------

Storage Fuel - NNG

Dk	77,588
Adjusted for Fuel Dk	78,578

Fuel Costs	\$1,994
------------	---------

Fuel Cost Per Dk	\$0.0257
------------------	----------

RATE SCHEDULE TF

RESERVATION RATES	MARKET-TO-MARKET		FIELD-TO-FIELD/MARKET DEMARCATION	
	TF12 Base	TF12 Variable	TF5	TFF
Base Tariff Rates 1/				
Summer (Apr-Oct)	10.058	10.058	-0-	7.143
Winter (Nov-Mar)	<u>18.105</u>	<u>24.542</u>	<u>26.822</u>	<u>12.858</u>

COMMODITY RATES 2/		Market Area 3/ 6/		Field Mileage 5/		Carlton Surcharge 4/		Out-of Balance 3/	
Receipt Point	Delivery Point	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Market	Market	0.0365	0.0218			0.0175	0.0000	0.0365	0.0218
Field	Market	0.0365	0.0218	0.0091	0.0044	0.0175	0.0000		
Market	Field			0.0091	0.0044				
Field	Field			0.0091	0.0044			0.0331	0.0160

- 1/ The minimum reservation rate is equal to zero.
- 2/ The applicable Mileage Indicator Districts (MIDs) billing rate will be added to the TF rates for volumes received in the Field Area, or received in the Market Area and delivered to the Field Area. The MIDs rates shown on Sheet Nos. 59-60A represent the maximum Field Area throughput commodity rates for any transaction involving MIDs.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression commodity rate of \$0.0007 where applicable. In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <http://www.ferc.gov>.
- 4/ Applicable to Market Area shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.
- 5/ Where applicable, the Field Area Electric Compression commodity rate of \$0.0000 and the ACA unit surcharge as set forth on FERC's website at <http://www.ferc.gov> will be added to the mileage based rates.
- 6/ 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.

RATE SCHEDULE TFX

RESERVATION RATES	MARKET-TO-MARKET		FIELD-TO-FIELD	
	Apr-Oct	Nov-Mar	Apr-Oct	Nov-Mar
Base Tariff Rates 1/	\$10.058	\$26.822	\$7.143	\$12.858

COMMODITY RATES 2/ TFX		Market Area 3/ 6/		Field Mileage 5/ Rate per 100 miles		Carlton Surcharge 4/		Out-of-Balance 3/	
Receipt Point	Delivery Point	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Market	Market	0.0365	0.0218			0.0175	0.0000	0.0365	0.0218
Field	Market	0.0365	0.0218	0.0091	0.0044	0.0175	0.0000		
Market	Field			0.0091	0.0044				
Field	Field			0.0091	0.0044			0.0331	0.0160

- 1/ The minimum reservation rate is equal to zero.
- 2/ The applicable Mileage Indicator Districts (MIDs) billing rate will be added to the TF rates for volumes received in the Field Area, or received in the Market Area and delivered to the Field Area. The MIDs rates shown on Sheet Nos. 59-60A represent the maximum Field Area throughput commodity rates for any transaction involving MIDs.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression commodity rate of \$0.0007 where applicable. In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <http://www.ferc.gov>.
- 4/ Applicable to Market Area shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.
- 5/ Where applicable, the Field Area Electric Compression commodity rate of \$0.0000 and the ACA unit surcharge as set forth on FERC's website at <http://www.ferc.gov> will be added to the mileage based rates.
- 6/ 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.

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

Fuel Percentages/Electric Compression Rates

	<u>Percentages</u>
FUEL PERCENTAGES:	1/ 7/
Market Area (including Out-of-Balance)	1.17%
Field Area	2/ 3/ 5/ 6/
UNACCOUNTED FOR PERCENTAGE (including Out-of-Balance)	-0.15% 4/ 5/ 7/
FDD STORAGE FUEL	1.26%

	<u>Electric Compression</u>
COMMODITY RATES:	1/ 7/
Market Area	\$0.0007
Field Area	\$0.0000

1/ Northern will adjust its Fuel and UAF percentages and electric compression commodity rates in accordance with Sections 53A and 53B, respectively, of the General Terms and Conditions of this Tariff.

2/ Fuel shall be determined by Mileage Indicator Districts (MIDS) for the Field Area.

3/ 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 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.

4/ The Unaccounted For percentage utilizes the most recent twelve-month period ending December 31, 2018. 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.

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/ 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.

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	3.5994	1/
Maximum Capacity Charge	0.7491	1/
Injection Charge - Firm	0.0197	
Withdrawal Charge - Firm	0.0197	
Annual Rollover Charge	0.7491	1/

Rate Schedule PDD

Maximum Capacity Charge	0.7491	1/
Maximum Monthly Inventory Charge	0.1863	1/
Injection Charge	0.0197	
Withdrawal Charge	0.0197	
Annual Rollover Charge	0.7491	1/

Rate Schedule IDD

Maximum Monthly Inventory Charge	0.1863	1/
Injection Charge	0.0197	
Withdrawal Charge	0.0197	
Annual Rollover Charge	0.7491	1/

Rate Schedule ILD

Maximum Charge	11.7500	
Minimum Charge	0.5044	
Performance Obligation Charge	2.0000	

Rate Schedule SMS

Reservation Charge	3.2700	
Commodity Rate	0.0260	

1/ Minimum Rate is zero.

STATEMENT OF RATES
 (Rates Per Dekatherm)

Currently Effective Term-Differentiated Rates

Rate Schedule	Base Tariff Rate
<u>Category 1 (Contract Term of Less than 3 Years)</u>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$4.7932
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate 1/	\$5.7819
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.3568
Zone 2-2 Minimum Rate	\$0.0000
<u>Category 2 (Contract Term of 3 Years to less than 5 Years)</u>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$4.7119
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$5.7006
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.2755
Zone 2-2 Minimum Rate	\$0.0000
<u>Category 3 (Contract Term of 5 or more Years)</u>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$4.6306
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$5.6193
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.1942
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	Fuel and Loss Retention Percentages 2/
Commodity Rates 1/		
FT-A – Maximum Rates		
Zone 1-1	\$0.0139	0.09%
Zone 1-2	\$0.0139	0.11%
Zone 2-2	\$0.0139	0.02%
Minimum Rate	\$0.0139	
IT and AOT		
Zone 1-1	\$0.1715	0.09%
Zone 1-2	\$0.2040	0.11%
Zone 2-2	\$0.1243	0.02%
Minimum Rate	\$0.0139	

- 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 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	\$0.2040		\$0.2040
LMS – Load Management Cost Reconciliation Adjustment		\$0.0347	

- 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	\$0.2040	\$0.0000
RPL Service:		
Daily Reservation Rate	\$0.2040	\$0.0000

**Great Plains Natural Gas Co.
Market Conditions for Wahpeton's Natural Gas
January 2020**

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 decrease from the previous month's index of \$2.83/MMBTU. The EIA reported nationwide storage levels as of December 13, 2019 at 0.3 percent below the five-year average and 22.1 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.
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- Additions less Adjustment	Cumulative Balance
Balance @ April 30, 2019									<u>(\$139,186)</u>
May 2019	(\$28,429)	\$0	(\$242)	(\$28,671)	20,067	\$0.5636	\$11,310	(\$39,981)	(179,167)
June	(17,686)	0	(347)	(18,033)	10,257	(0.4743)	3,115 2/	(21,148)	(200,315)
July	4,576	0	(372)	4,204	6,450	(0.4743)	(3,059)	7,263	(193,052)
August	10,968	0	(333)	10,635	5,687	(0.4743)	(2,697)	13,332	(179,720)
September	2,291	0	(301)	1,990	5,659	(0.4743)	(2,684)	4,674	(175,046)
October	(13,049)	0	(256)	(13,305)	11,558	(0.4743)	(5,482)	(7,823)	(182,869)
November	<u>(22,746)</u>	<u>0</u>	<u>(249)</u>	<u>(22,995)</u>	<u>25,159</u>	<u>(0.4743)</u>	<u>(11,933)</u>	<u>(11,062)</u>	<u>(193,931)</u>
Total	<u>(\$64,075)</u>	<u>\$0</u>	<u>(\$2,100)</u>	<u>(\$66,175)</u>	<u>84,837</u>		<u>(\$11,430)</u>	<u>(\$54,745)</u>	<u>(\$193,931)</u>

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

2/ Reflects 7,689.1 dk @ \$0.5636 and 2,568.2 dk @ \$(0.4743).

**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- Additions less Adjustment	Cumulative Balance
Balance @ April 30, 2019									<u>\$30,684</u>
May 2019	(\$23,424)	\$0	(\$21)	(\$23,445)	73,230	\$0.1921	\$14,067	(\$37,512)	(6,828)
June	(13,461)	0	(29)	(13,490)	53,440	0.0234	8,745 2/	(22,235)	(29,063)
July	(16,600)	0	(67)	(16,667)	54,089	0.0234	1,266	(17,933)	(46,996)
August	(2,027)	0	(91)	(2,118)	29,089	0.0234	681	(2,799)	(49,795)
September	(22,183)	0	(93)	(22,276)	38,191	0.0234	894	(23,170)	(72,965)
October	(7,473)	0	(113)	(7,586)	61,743	0.0234	1,445	(9,031)	(81,996)
November	(4,447)	0	(116)	(4,563)	64,840	0.0234	1,517	(6,080)	(88,076)
Total	(\$89,615)	\$0	(\$530)	(\$90,145)	374,622		\$28,615	(\$118,760)	<u>(\$88,076)</u>
Balance @ November 30, 2019									<u>(\$88,076)</u>

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

2/ Reflects 44,427.8 dk @ \$0.1921 and 9,011.7 dk @ \$0.0234.