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May 31, 2017

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

Re: Cost of Gas Adjustment (COG)
June 2017

Great Plains Natural Gas Co. (Great Plains), a Division of MDU Resources Group, Inc., 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 (135th Revised Sheet No. 1.1) showing the proposed natural gas rates and the Cost of Gas Tariff (135th Revised Sheet No. 8), showing the June 2017 cost of gas and the resulting Cost of Gas Adjustment. The net effect of this filing is an increase of \$0.3898 per dk for residential and firm general service customers and an increase of \$0.4891 per dk for interruptible customers.

Attachment B shows the calculations supporting the gas costs for June 2017, including the calculation of the commodity cost of gas. The commodity cost of gas has increased \$0.1267 per dk for all customers since the last COG filing due to an increase 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 June 1, 2017 through May 31, 2018. The total GCR is \$0.3717 per dk for residential and general service customers and \$0.0763 per dk for interruptible customers. The effect of this change is an increase of \$0.2631 for residential and general service customers and an increase of \$0.3624 for interruptible customers.

Great Plains submitted a check for \$600.00 on December 29, 2016 pursuant to the requirements of Section 49-05-05 of the North Dakota Century Code. This payment

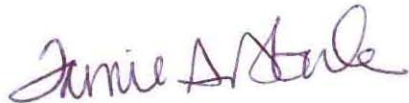
covers the \$50.00 filing fee associated with the monthly COG filings.

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) 222-7856 or tamie.aberle@mdu.com

Sincerely,



Tamie A. Aberle
Director of Regulatory Affairs

Attachments

Attachment A

Attachment A



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of North Dakota Gas Rate Schedule

NDPSC Volume 2

135th Revised Sheet No. 1.1

Canceling 134th 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	2	\$3.50 per month	First 10 dk \$1.2869 Over 10 dk 1.0646	\$4.9061	\$6.1930 5.9707
Interruptible Gas Service - General	3	\$3.50 per month	First 400 dk \$1.1506 Next 2,600 dk 0.9021 Over 3,000 dk 0.7486	\$3.1056	\$4.2562 4.0077 3.8542
Interruptible Gas Service - Grain Processing	4	\$3.50 per month	All dk \$1.2516	\$3.1056	\$4.3572
Transportation Service	5	\$3.50 per month	First 400 dk \$1.1506 Next 2,600 dk 0.9021 Over 3,000 dk 0.7486		\$1.1506 0.9021 0.7486

Date Filed: May 31, 2017

Effective Date: Service rendered on and after June 1, 2017

Issued By: Tamie A. Aberle
Director - Regulatory Affairs

Case No.:



GREAT PLAINS NATURAL GAS CO.
A Division of MDU Resources Group, Inc.

**State of North Dakota
 Gas Rate Schedule**

NDPSC Volume 2
 135th Revised Sheet No. 8
 Canceling 134th Revised Sheet No. 8

COST OF GAS

Page 1 of 1

Summary:	Firm			Interruptible			
	Est. Wtd. Demand Costs	Average Commodity	GCR Adj.	Est. Wtd. Total Firm	Average Commodity	GCR Adj.	Total Int.
Base Rate	\$0.0662	\$5.1708	\$0.0000	\$5.2370	\$5.1708	\$0.0000	\$5.1708
Accumulated Adj.	1.4389	(2.2682)	0.1086	(0.7207)	(2.2682)	(0.2861)	(2.5543)
Current Adj.	0.0000	0.1267	0.2631	0.3898	0.1267	0.3624	0.4891
Total Adj.	1.4389	(2.1415)	0.3717	(0.3309)	(2.1415)	0.0763	(2.0652)
Total Rate	\$1.5051	\$3.0293	\$0.3717	\$4.9061	\$3.0293	\$0.0763	\$3.1056

Date Filed: May 31, 2017

Effective Date: Service rendered on and after June 1, 2017

Issued By: Tamie A. Aberle
 Director - Regulatory Affairs

Case No.:

**GREAT PLAINS NATURAL GAS CO.
WAHPETON
COST OF GAS ADJUSTMENT
JUNE 2017**

<u>Firm</u>	<u>Billing Determinants</u>	<u>Rate 1/ Rate</u>	<u>Demand Months</u>	<u>Amount</u>	<u>Amount Per Dk</u>
FT-A - Zone 1-1 (Cat. 3)	8,000	\$4.3706	12	\$419,578	\$0.2779
FT-A - Zone 1-1 (Cat. 1)	8,400	4.7507	5	199,529	0.1321
TFX - Winter/Seasonal	15,000	15.1530	5	1,136,475	0.7526
TFX - Summer	13,000	5.6830	7	517,153	0.3425
Total Demand Charges				\$2,272,735	\$1.5051
Estimated Weighted Average Commodity Cost	1,509,974	2/ 3.0293		4,574,164	3.0293
Gas Cost Reconciliation Adjustment					0.3717
Total Current Firm Gas Cost				\$6,846,899	\$4.9061
Base Cost of Gas					5.2370
Accumulated Adjustment					(\$0.3309)
 <u>Interruptible</u>					
Estimated Weighted Average Commodity Cost					\$3.0293
Gas Cost Reconciliation Adjustment					0.0763
Total Current Interruptible Gas Cost					\$3.1056
Base Cost of Gas					5.1708
Accumulated Adjustment					(\$2.0652)

1/ Rates Effective June 1, 2017

2/ Annual demand volume; combined MN North District and Wahpeton.

**GREAT PLAINS NATURAL GAS CO.
WAHPETON
ESTIMATED GAS COSTS
JUNE 2017**

	Total System Supply	NNG	
		Base	Swing
<u>Estimated Cost Per Dk</u>			
Commodity Cost of Gas		\$2.9100	\$2.8400
<u>Transportation 1/</u>			
Northern Natural		0.0372	0.0372
Viking		0.0129	0.0129
<u>Fuel Transportation 2/</u>			
Northern Natural		0.0164	0.0161
Viking		0.0588	0.0575
LMS Demand 3/		0.0109	0.0109
Total Cost Per Dk		\$3.0462	\$2.9746
Total Estimated Dk Purchases 4/	39,676	30,287	9,389
Estimated Cost	\$120,189	\$92,260	\$27,929
Average Cost Per Dk	\$3.0293	\$3.0462	\$2.9747

1/ Northern 11th Revised Sheet 50 Market Area - Maximum
Viking V.26.0.0 FT-A Maximum Rates - Zone 1-1

	Base	Swing
2/ Transportation Fuel Percentage		
NNG	0.56%	0.56%
Viking	1.98%	1.98%

3/ Amount divided by the annual demand volume; combined MN North District and Wahpeton.

	Billing Determinants	Rate	Demand Months	Amount	Amount Per Dk
LMS Demand	2,500	\$1.0000	12	\$30,000	\$0.0109

4/ Dk requirements for June	Required Monthly	Days in Month	Required Daily	Percent Supply
Estimated System Supply	39,676	30	1,323	100%

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	\$4.7507
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate 1/	\$5.7394
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.3143
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	\$4.5607
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$5.5494
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.1243
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	\$4.3706
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$5.3593
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$2.9343
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	\$0.0116	1.98%
Zone 1-2	\$0.0116	2.55%
Zone 2-2	\$0.0116	0.57%
Minimum Rate	\$0.0116	
IT and AOT		
Zone 1-1	\$0.1678	1.98%
Zone 1-2	\$0.2003	2.55%
Zone 2-2	\$0.1206	0.57%
Minimum Rate	\$0.0116	

- 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	\$1.00		\$1.00
LMS – Daily Overrun Rate	\$0.2003		\$0.2003
LMS – Load Management Cost Reconciliation Adjustment		(\$0.0051)	

- 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	\$0.2003	\$0.0000
RPL Service:		
Daily Reservation Rate	\$0.2003	\$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/				
Summer (Apr-Oct)	5.683	5.683	-0-	5.473
Winter (Nov-Mar)	10.230	13.866	15.153	9.853

COMMODITY RATES 2/		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	0.0359	0.0190			0.0175	0.0000	0.0359	0.0190
Field	Market	0.0359	0.0190	0.0122	0.0040	0.0175	0.0000		
Market	Field			0.0122	0.0040				
Field	Field			0.0122	0.0040			0.0276	0.0090

- 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. For volumes transported through Northern's Ft. Buford compressor station, the commodity rate, fuel and unaccounted for apply only to volumes that are not ultimately confirmed for re-delivery into Northern's Market Area.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression charge of \$0.0000 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 charge 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 TFX and LFT

RESERVATION RATES	MARKET-TO-MARKET		FIELD-TO-FIELD	
	Apr-Oct	Nov-Mar	Apr-Oct	Nov-Mar
Base Tariff Rates 1/	\$5.683	\$15.153	\$5.473	\$9.853

COMMODITY RATES 2/ TFX and LFT		Market Area 3/ 7/		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	0.0359	0.0190			0.0175	0.0000	0.0359	0.0190
Field	Market	0.0359	0.0190	0.0122	0.0040	0.0175	0.0000		
Market	Field			0.0122	0.0040				
Field	Field			0.0122	0.0040			0.0276	0.0090

GULF COAST	Reservation 1/		Commodity 6/		Out-of-Balance 6/	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Other Gulf Coast	4.8169	0.0000	0.0000	0.0000	0.0000	0.0000

- 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. For volumes transported through Northern's Ft. Buford compressor station, the commodity rate, fuel and unaccounted for apply only to volumes that are not ultimately confirmed for re-delivery into Northern's Market Area.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression charge of \$0.0000 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 Compression charge 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/ In addition to the Maximum and Minimum rates, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <http://www.ferc.gov>.
- 7/ 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, LFT, GST, TI, & FDD

Fuel Percentages/Electric Compression Rates

	<u>Percentages</u>
FUEL PERCENTAGES:	1/ 7/
Market Area (including Out-of-Balance)	0.49%
Field Area	2/ 3/ 5/ 6/
UNACCOUNTED FOR PERCENTAGE (including Out-of-Balance)	0.07% 4/ 5/ 7/
FDD Storage Fuel	1.44%
	<u>Electric Compression</u>
COMMODITY RATES:	1/ 7/
Market Area	\$0.0000
Field Area	\$0.0000

1/ Northern will adjust its Fuel 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, 2016. 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 Unaccounted For 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 unaccounted-for retention charges.

6/ The Out-of-Balance Fuel Percentage for deliveries in MIDS 1-7 shall be the applicable Section 1 Mainline Fuel percentage, and for deliveries in MIDS 8-16B shall be the applicable Section 2 Mainline 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.

**Great Plains Natural Gas Co.
Market Conditions for Wahpeton's Natural Gas
June 2017**

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.

The June monthly price for the NNG-Ventura Index is expected to increase slightly from the previous month index. Temperatures in the lower 48 states have averaged two degrees warmer than normal over the past week. Seasonal space heating demand figures to have remained near normal; however, there have been particular particular days of higher-than-normal natural gas fired power generation. For example, May 26th saw 24.6 Bcf of natural gas burned for power production. Upward price movement continues to face pressure from increased natural gas production. U.S. production hit a 2017 high of 71.9 Bcf/day on May 27-28. The EIA reported nationwide storage levels as of March 24, 2017 at 10.9 percent above the five-year average but 13.2 percent below 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 JUNE 1, 2017 THROUGH MAY 31, 2018**

(Over)/under recovered gas costs @ April 30, 2017: \$106,098

Less projected recovery from rates already established:

	Volume	Rate	Amount
May	7,900	\$0.1086	\$858

Additional recovery required \$105,240

Projected sales volumes (dk)

June 2017	4,900	
July	5,100	
August	5,000	
September	6,500	
October	19,000	
November	33,500	
December	47,500	
January 2018	53,100	
February	44,700	
March	35,900	
April	19,800	
May	8,100	
Total		<u>283,100</u>

Total gas cost reconciliation adjustment
to be effective June 1, 2017 through May 31, 2018. \$0.3717

Change in Surcharge \$0.2631

**GREAT PLAINS NATURAL GAS CO.
GAS COST RECONCILIATION ADJUSTMENT
APPLICABLE TO NORTH DAKOTA
INTERRUPTIBLE
TO BE EFFECTIVE JUNE 1, 2017 THROUGH MAY 31, 2018**

(Over)/under recovered gas costs @ April 30, 2017: \$54,406

Less projected recovery from rates already established:

	Volume	Rate	Amount
May	56,100	(\$0.2861)	(\$16,050)

Additional recovery required \$70,456

Projected sales volumes (dk)

June 2017	59,400		
July	58,200		
August	56,800		
September	56,400		
October	80,800		
November	93,800		
December	101,400		
January 2018	98,500		
February	91,800		
March	85,900		
April	84,000		
May	56,100		
Total			<u>923,100</u>

Total gas cost reconciliation adjustment
to be effective June 1, 2017 through May 31, 2018. \$0.0763

Change in Surcharge \$0.3624

**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
Balance @ April 30, 2016									<u>\$31,576</u>
May 2016	(\$9,300)		\$4	(\$9,296)	15,497	\$0.2107	\$3,265	(\$12,561)	19,015
June	16,406	\$100 3/	1	16,507	8,494	0.1086	1,530 2/	14,977	33,992
July	16,110		5	16,115	5,401	0.1086	587	15,528	49,520
August	18,588		9	18,597	5,897	0.1086	640	17,957	67,477
September	14,176		9	14,185	5,739	0.1086	623	13,562	81,039
October	10,788		19	10,807	7,836	0.1086	851	9,956	90,995
November	13,691		29	13,720	13,962	0.1086	1,516	12,204	103,199
December	36,737		25	36,762	33,405	0.1086	3,628	33,134	136,333
January 2017	(16,656)		34	(16,622)	50,634	0.1086	5,499	(22,121)	114,212
February	(8,641)		29	(8,612)	41,373	0.1086	4,493	(13,105)	101,107
March	7,309		36	7,345	40,445	0.1086	4,392	2,953	104,060
April	4,799		40	4,839	25,788	0.1086	2,801	2,038	106,098
Total	<u>\$104,007</u>	<u>\$100</u>	<u>\$240</u>	<u>\$104,347</u>	<u>254,471</u>		<u>\$29,825</u>	<u>\$74,522</u>	<u>\$106,098</u>

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

2/ Reflects 5,953.6 dk @ \$0.2107 and 2,540.2 dk @ \$0.1086

3/ Prior period rebill adjustment.

**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
Balance @ April 30, 2016									<u>(\$119,269)</u>
May 2016	\$2,350		(\$30)	\$2,320	65,297	\$0.0461	\$3,010	(\$690)	(119,959)
June	12,579	\$1,768 3/	(28)	14,319	49,859	(0.2861)	(1,562) 2/	15,881	(104,078)
July	30,436		(27)	30,409	59,622	(0.2861)	(17,058)	47,467	(56,611)
August	4,100		(15)	4,085	53,864	(0.2861)	(15,410)	19,495	(37,116)
September	(72,024)		(6)	(72,030)	43,873	(0.2861)	(12,552)	(59,478)	(96,594)
October	4,434		(27)	4,407	39,679	(0.2861)	(11,352)	15,759	(80,835)
November	2,099		(32)	2,067	61,651	(0.2861)	(17,638)	19,705	(61,130)
December	10,221		(18)	10,203	78,331	(0.2861)	(22,410)	32,613	(28,517)
January 2017	14,266		(9)	14,257	88,655	(0.2861)	(25,364)	39,621	11,104
February	(17,103)		2	(17,101)	91,122	(0.2861)	(26,070)	8,969	20,073
March	(19,714)		6	(19,708)	98,050	(0.2861)	(28,052)	8,344	28,417
April	5,606		10	5,616	71,209	(0.2861)	(20,373)	25,989	54,406
Total	<u>(\$22,750)</u>	<u>\$1,768</u>	<u>(\$174)</u>	<u>(\$21,156)</u>	<u>801,212</u>		<u>(\$194,831)</u>	<u>\$173,675</u>	<u>\$54,406</u>

1/ Interest calculated at the 3 Month Treasury Bill Rate.
2/ Reflects 38,239.3 dk @ \$0.0461 and 11,619.7 dk @ (\$0.2861).
3/ Prior period rebill adjustment.

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

	1/	2/	3/	Total
<u>May 2016</u>				
Cost of Gas - Actual	\$4.47320	\$2.86950	\$4.47320	
Cost of Gas - Recovered	3.64680	3.39360	3.39360	
(Over) Under recovery per dk	<u>\$0.82640</u>	<u>(\$0.52410)</u>	<u>\$1.07960</u>	
dk billed	3,903	15,616	(4,022)	15,497
(Over) Under recovery	<u>\$3,226</u>	<u>(\$8,184)</u>	<u>(\$4,342)</u>	<u>(\$9,300)</u>
<u>June 2016</u>				
Cost of Gas - Actual	\$5.98990	\$4.47320	\$5.98990	
Cost of Gas - Recovered	3.60910	3.64680	3.64680	
(Over) Under recovery per dk	<u>\$2.38080</u>	<u>\$0.82640</u>	<u>\$2.34310</u>	
dk billed	2,540	2,369	3,585	8,494
(Over) Under recovery	<u>\$6,048</u>	<u>\$1,957</u>	<u>\$8,401</u>	<u>\$16,406</u>
<u>July 2016</u>				
Cost of Gas - Actual	\$7.80310	\$5.98990	\$7.80310	
Cost of Gas - Recovered	4.31980	3.60910	3.60910	
(Over) Under recovery per dk	<u>\$3.48330</u>	<u>\$2.38080</u>	<u>\$4.19400</u>	
dk billed	1,956	2,841	604	5,401
(Over) Under recovery	<u>\$6,813</u>	<u>\$6,764</u>	<u>\$2,533</u>	<u>\$16,110</u>
<u>August 2016</u>				
Cost of Gas - Actual	\$7.42550	\$7.80310	\$7.42550	
Cost of Gas - Recovered	4.31900	4.31980	4.31980	
(Over) Under recovery per dk	<u>\$3.10650</u>	<u>\$3.48330</u>	<u>\$3.10570</u>	
dk billed	2,150	724	3,023	5,897
(Over) Under recovery	<u>\$6,678</u>	<u>\$2,523</u>	<u>\$9,387</u>	<u>\$18,588</u>
<u>September 2016</u>				
Cost of Gas - Actual	\$7.75090	\$7.42550	\$7.75090	
Cost of Gas - Recovered	4.41650	4.31900	4.31900	
(Over) Under recovery per dk	<u>\$3.33440</u>	<u>\$3.10650</u>	<u>\$3.43190</u>	
dk billed	2,216	2,517 4/	1,006	5,739
(Over) Under recovery	<u>\$7,390</u>	<u>\$3,335</u>	<u>\$3,451</u>	<u>\$14,176</u>
<u>October 2016</u>				
Cost of Gas - Actual	\$4.16700	\$7.75090	\$4.16700	
Cost of Gas - Recovered	4.58610	4.41650	4.41650	
(Over) Under recovery per dk	<u>(\$0.41910)</u>	<u>\$3.33440</u>	<u>(\$0.24950)</u>	
dk billed	3,176	3,706	954	7,836
(Over) Under recovery	<u>(\$1,331)</u>	<u>\$12,357</u>	<u>(\$238)</u>	<u>\$10,788</u>

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

	1/	2/	3/	Total
<u>November 2016</u>				
Cost of Gas - Actual	\$7.78840	\$4.16700	\$7.78840	
Cost of Gas - Recovered	4.50740	4.58610	4.58610	
(Over) Under recovery per dk	<u>\$3.28100</u>	<u>(\$0.41910)</u>	<u>\$3.20230</u>	
dk billed	3,680	8,645	1,637	13,962
(Over) Under recovery	<u>\$12,073</u>	<u>(\$3,623)</u>	<u>\$5,241</u>	<u>\$13,691</u>
<u>December 2016</u>				
Cost of Gas - Actual	\$4.50620	\$7.78840	\$4.50620	
Cost of Gas - Recovered	4.87370	4.50740	4.50740	
(Over) Under recovery per dk	<u>(\$0.36750)</u>	<u>\$3.28100</u>	<u>(\$0.00120)</u>	
dk billed	11,747	12,516	9,142	33,405
(Over) Under recovery	<u>(\$4,317)</u>	<u>\$41,065</u>	<u>(\$11)</u>	<u>\$36,737</u>
<u>January 2017</u>				
Cost of Gas - Actual	\$5.38720	\$4.50620	\$5.38720	
Cost of Gas - Recovered	5.73980	4.87370	4.87370	
(Over) Under recovery per dk	<u>(\$0.35260)</u>	<u>(\$0.36750)</u>	<u>\$0.51350</u>	
dk billed	16,662	32,038	1,934	50,634
(Over) Under recovery	<u>(\$5,875)</u>	<u>(\$11,774)</u>	<u>\$993</u>	<u>(\$16,656)</u>
<u>February 2017</u>				
Cost of Gas - Actual	\$5.06370	\$5.38720	\$5.06370	
Cost of Gas - Recovered	4.96860	5.73980	5.73980	
(Over) Under recovery per dk	<u>\$0.09510</u>	<u>(\$0.35260)</u>	<u>(\$0.67610)</u>	
dk billed	10,169	35,516	(4,312)	41,373
(Over) Under recovery	<u>\$967</u>	<u>(\$12,523)</u>	<u>\$2,915</u>	<u>(\$8,641)</u>
<u>March 2017</u>				
Cost of Gas - Actual	\$4.37580	\$5.06370	\$4.37580	
Cost of Gas - Recovered	4.04460	4.96860	4.96860	
(Over) Under recovery per dk	<u>\$0.33120</u>	<u>\$0.09510</u>	<u>(\$0.59280)</u>	
dk billed	13,473	27,381	(409)	40,445
(Over) Under recovery	<u>\$4,462</u>	<u>\$2,604</u>	<u>\$243</u>	<u>\$7,309</u>
<u>April 2017</u>				
Cost of Gas - Actual	\$4.01430	\$4.37580	\$4.01430	
Cost of Gas - Recovered	4.42690	4.04460	4.04460	
(Over) Under recovery per dk	<u>(\$0.41260)</u>	<u>\$0.33120</u>	<u>(\$0.03030)</u>	
dk billed	6,619	22,436	(3,267)	25,788
(Over) Under recovery	<u>(\$2,731)</u>	<u>\$7,431</u>	<u>\$99</u>	<u>\$4,799</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**

	1/	2/	3/	Total
<u>May 2016</u>				
Cost of Gas - Actual	\$1.89790	\$1.81110	\$1.89790	
Cost of Gas - Recovered	1.99650	1.78170	1.78170	
(Over) Under recovery per dk	(\$0.09860)	\$0.02940	\$0.11620	
dk billed	10,088	35,374	19,835	65,297
(Over) Under recovery	(\$995)	\$1,040	\$2,305	\$2,350
<u>June 2016</u>				
Cost of Gas - Actual	\$2.32560	\$1.89790	\$2.32560	
Cost of Gas - Recovered	1.95880	1.99650	1.99650	
(Over) Under recovery per dk	\$0.36680	(\$0.09860)	\$0.32910	
dk billed	11,620	9,979	28,260	49,859
(Over) Under recovery	\$4,262	(\$984)	\$9,301	\$12,579
<u>July 2016</u>				
Cost of Gas - Actual	\$2.77020	\$2.32560	\$2.77020	
Cost of Gas - Recovered	2.66950	1.95880	1.95880	
(Over) Under recovery per dk	\$0.10070	\$0.36680	\$0.81140	
dk billed	14,811	16,678	28,133	59,622
(Over) Under recovery	\$1,492	\$6,117	\$22,827	\$30,436
<u>August 2016</u>				
Cost of Gas - Actual	\$2.74110	\$2.77020	\$2.74110	
Cost of Gas - Recovered	2.66870	2.66950	2.66950	
(Over) Under recovery per dk	\$0.07240	\$0.10070	\$0.07160	
dk billed	13,808	7,996	32,060	53,864
(Over) Under recovery	\$1,000	\$805	\$2,295	\$4,100
<u>September 2016</u>				
Cost of Gas - Actual	\$2.88740	\$2.74110	\$2.88740	
Cost of Gas - Recovered	2.76620	2.66870	2.66870	
(Over) Under recovery per dk	\$0.12120	\$0.07240	\$0.21870	
dk billed	11,688	22,997 4/	9,188	43,873
(Over) Under recovery	\$1,417	(\$75,450)	\$2,009	(\$72,024)
<u>October 2016</u>				
Cost of Gas - Actual	\$2.98740	\$2.88740	\$2.98740	
Cost of Gas - Recovered	2.93580	2.76620	2.76620	
(Over) Under recovery per dk	\$0.05160	\$0.12120	\$0.22120	
dk billed	8,903	28,330	2,446	39,679
(Over) Under recovery	\$459	\$3,434	\$541	\$4,434

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

	1/	2/	3/	Total
<u>November 2016</u>				
Cost of Gas - Actual	\$2.90430	\$2.98740	\$2.90430	
Cost of Gas - Recovered	2.87140	2.93580	2.93580	
(Over) Under recovery per dk	<u>\$0.03290</u>	<u>\$0.05160</u>	<u>(\$0.03150)</u>	
dk billed	6,257	43,778	11,616	61,651
(Over) Under recovery	<u>\$206</u>	<u>\$2,259</u>	<u>(\$366)</u>	<u>\$2,099</u>
<u>December 2016</u>				
Cost of Gas - Actual	\$3.44420	\$2.90430	\$3.44420	
Cost of Gas - Recovered	3.23770	2.87140	2.87140	
(Over) Under recovery per dk	<u>\$0.20650</u>	<u>\$0.03290</u>	<u>\$0.57280</u>	
dk billed	13,128	55,266	9,937	78,331
(Over) Under recovery	<u>\$2,711</u>	<u>\$1,818</u>	<u>\$5,692</u>	<u>\$10,221</u>
<u>January 2017</u>				
Cost of Gas - Actual	\$4.25490	\$3.44420	\$4.25490	
Cost of Gas - Recovered	4.23470	3.23770	3.23770	
(Over) Under recovery per dk	<u>\$0.02020</u>	<u>\$0.20650</u>	<u>\$1.01720</u>	
dk billed	15,055	75,125	(1,525)	88,655
(Over) Under recovery	<u>\$304</u>	<u>\$15,513</u>	<u>(\$1,551)</u>	<u>\$14,266</u>
<u>February 2017</u>				
Cost of Gas - Actual	\$3.36560	\$4.25490	\$3.36560	
Cost of Gas - Recovered	3.46350	4.23470	4.23470	
(Over) Under recovery per dk	<u>(\$0.09790)</u>	<u>\$0.02020</u>	<u>(\$0.86910)</u>	
dk billed	8,805	62,185	20,132	91,122
(Over) Under recovery	<u>(\$862)</u>	<u>\$1,256</u>	<u>(\$17,497)</u>	<u>(\$17,103)</u>
<u>March 2017</u>				
Cost of Gas - Actual	\$2.57860	\$3.36560	\$2.57860	
Cost of Gas - Recovered	2.53950	3.46350	3.46350	
(Over) Under recovery per dk	<u>\$0.03910</u>	<u>(\$0.09790)</u>	<u>(\$0.88490)</u>	
dk billed	21,201	60,306	16,543	98,050
(Over) Under recovery	<u>\$829</u>	<u>(\$5,904)</u>	<u>(\$14,639)</u>	<u>(\$19,714)</u>
<u>April 2017</u>				
Cost of Gas - Actual	\$2.99740	\$2.57860	\$2.99740	
Cost of Gas - Recovered	2.92180	2.53950	2.53950	
(Over) Under recovery per dk	<u>\$0.07560</u>	<u>\$0.03910</u>	<u>\$0.45790</u>	
dk billed	11,039	54,392	5,777	71,208
(Over) Under recovery	<u>\$834</u>	<u>\$2,127</u>	<u>\$2,645</u>	<u>\$5,606</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.