

705 West Fir Ave.
Mailing Address:
P.O. Box 176
Fergus Falls, MN 56538-0176
1-877-267-4764

March 29, 2019

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

Re: Cost of Gas Adjustment (COG)
April 2019
Case No. PU-19-010

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 (157th Revised Sheet No. 1.1) showing the proposed natural gas rates and the April 2019 cost of gas. The net effect of this filing is a decrease of \$0.5386 per dk for all customers.

Attachment B shows the calculations supporting the gas costs for April 2019, including the calculation of the commodity cost of gas. The commodity cost of gas has decreased \$0.5386 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 balancing account since April 30, 2018.

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

Sincerely,

A handwritten signature in black ink that reads "Tamie A. Aberle". The signature is written in a cursive, flowing style.

Tamie A. Aberle
Director of Regulatory Affairs

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

157th Revised Sheet No. 1.1

Canceling 156th 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 | \$4.7578 | \$5.8298 5.5798 |
| 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 | \$3.2650 | (Maximum) \$4.2810 4.0325 3.8790 |
| 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: March 29, 2019

Effective Date: Service rendered on and after April 1, 2019

Issued By: Tamie A. Aberle
Director - Regulatory Affairs

Case No.: PU-19-010

**GREAT PLAINS NATURAL GAS CO.
WAHPETON
PURCHASED GAS COST ADJUSTMENT
APRIL 2019**

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 | \$4.3706 | 12 | \$419,578 | \$0.1374 |
| FT-A - Zone 1-1 (Cat. 1) | 5,000 | 4.3706 | 12 | 262,236 | 0.0859 |
| FT-A Seasonal (Cat. 3) | 2,000 | 4.3706 | 5 | 43,706 | 0.0143 |
| FT-A - Zone 1-1 (Cat. 3) | 5,000 | 4.3706 | 12 | 262,236 | 0.0859 |
| FT-A - Capacity Release | (2,600) | 2.1300 | 5 | (27,690) | (0.0091) |
| <u>Northern Natural Firm</u> | | | | | |
| TFX - Winter/Seasonal | 15,000 | 15.1530 | 5 | 1,136,475 | \$0.3721 |
| TFX - Summer | 13,000 | 5.6830 | 7 | 517,153 | 0.1693 |
| TF12 Base - Summer | 3,819 | 5.6830 | 7 | 151,924 | 0.0497 |
| TF12 Base - Winter | 3,819 | 10.2300 | 5 | 195,342 | 0.0640 |
| TF12 Variable - Summer | 3,716 | 5.6830 | 7 | 147,826 | 0.0484 |
| TF12 Variable - Winter | 3,716 | 13.8660 | 5 | 257,630 | 0.0843 |
| TF5 | 3,410 | 15.1530 | 5 | 258,359 | 0.0846 |
| TFX - Summer | 2,000 | 5.6830 | 7 | 79,562 | 0.0260 |
| TFX - Winter | 7,200 | 15.1530 | 5 | 545,508 | 0.1786 |
| TFX Negotiated Contract - Winter | 1,000 | 26.8918 | 5 | 134,459 | 0.0440 |
| FDD-1 Reservation | 4,640 | 1.7140 | 12 | 95,436 | 0.0312 |
| Total Demand Charges | | | | <u>\$4,479,740</u> | <u>\$1.4666</u> |
| Estimated Weighted Average Commodity Cost | 3,054,401 2/ | 2.7276 | | 8,331,184 | 2.7276 |
| Gas Cost Reconciliation Adjustment | | | | | 0.5636 |
| Total Current Firm Gas Cost | | | | <u><u>\$12,810,924</u></u> | <u><u>\$4.7578</u></u> |
| Base Cost of Gas | | | | | 5.2370 |
| Accumulated Adjustment | | | | | <u><u>(\$0.4792)</u></u> |
| <u>Interruptible</u> | | | | | |
| Demand Charge 3/ | | | | | \$0.3453 |
| Estimated Weighted Average Commodity Cost | | | | | 2.7276 |
| Gas Cost Reconciliation Adjustment | | | | | 0.1921 |
| Total Current Interruptible Gas Cost | | | | | <u>\$3.2650</u> |
| Base Cost of Gas | | | | | 5.5161 |
| Accumulated Adjustment | | | | | <u><u>(\$2.2511)</u></u> |

1/ Effective April 1, 2019

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) | 35,545 |
| Dk @ 100% Load Factor (Firm capacity x 365 days) | 12,973,925 |
| Total Demand Charges (Excl. Interruptible Demand Credit) | <u>4,479,740</u> |
| Interruptible Demand Charge per dk @ 100% LF | <u>\$0.3453</u> |

**GREAT PLAINS NATURAL GAS CO.
WAHPETON
ESTIMATED GAS COSTS
APRIL 2019**

Attachment B
Page 2 of 9

| | Total System Supply | Cost per Dk | FDD-1 Storage | FDD-1 Capacity | SMS 1/ | Viking Transport |
|---|---------------------------|------------------------|------------------|-------------------|-----------------|---------------------|
| <u>Estimated Cost Per Dk</u> | | | | | | |
| Commodity Cost of Gas | | \$2.5983 | \$2.4887 | | | |
| Transportation - Northern Natural | | \$0.0379 | \$0.0379 | | \$0.0208 | |
| Transportation - Viking | | | | | | 0.0129 |
| Withdrawal Fee | | | 0.0149 | | | |
| Fuel Transportation - Northern Natural 2/ | | 0.0361 | 0.0318 | | | |
| Fuel Transportation - Viking 2/ | | | | | | 0.0210 |
| SMS Demand 3/ | | 0.0136 | 0.0136 | | | |
| LMS Demand 3/ | | 0.0062 | 0.0062 | | | |
| FDD-1 Capacity 4/ | | | | \$0.0198 | | |
| Total Cost Per Dk | | \$2.6921 | \$2.5931 | \$0.0198 | \$0.0208 | \$0.0339 |
| Total Estimated Dk Purchases 5/ | 389,132 | 366,210 | 22,922 | | | 241,140 |
| Estimated Cost | \$1,061,391 | \$985,874 | \$59,439 | \$7,705 | \$198 | \$8,175 |
| Average Cost Per Dk | | <u><u>\$2.7276</u></u> | | | | |

1/ Monthly requirement of 9,500 Dk.

| 2/ Transportation Fuel Percentage of | NNG | Viking |
|--------------------------------------|-------|--------|
| Field Area and Other | 0.00% | 0.00% |
| Market Area | 1.37% | 0.80% |
| Total | 1.37% | 0.80% |

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

| | Billing Determinants | Rate | Demand Months | Amount | Amount Per Dk |
|------------|-------------------------|----------|------------------|----------|------------------|
| SMS Demand | 2,500 | \$2.1800 | 12 | \$65,400 | \$0.0136 |
| LMS Demand | 2,500 | \$1.0000 | 12 | \$30,000 | \$0.0062 |

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

| | Billing Determinants | Rate | Demand Months | Amount | Amount Per Dk |
|---------------------------------------|-------------------------|----------|------------------|----------|------------------|
| FDD-1 Demand Charge (Capacity Charge) | 53,509 | \$0.3567 | 5 | \$95,433 | \$0.0198 |

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

Attachment B
Page 3 of 9

| 5/ Dk requirements for April | <u>Required Monthly</u> | <u>Days in Month</u> | <u>Required Daily</u> | <u>Percent Supply</u> |
|------------------------------|-----------------------------|--------------------------|---------------------------|---------------------------|
| Estimated Dk Purchases | 366,210 | 30 | 12,207 | 94% |
| Storage Gas | 22,922 | 30 | 764 | 6% |
| Total Dk Requirements | <u>389,132</u> | | <u>12,971</u> | <u>100%</u> |

Transportation Fuel

| | <u>NNG</u> | <u>Viking</u> |
|----------------------|------------|---------------|
| Dk | 366,210 | 241,140 |
| Adjusted for Fuel Dk | 371,297 | 243,085 |
| Fuel Costs | \$13,218 | \$5,054 |
| Fuel Cost Per Dk | \$0.0361 | \$0.0210 |

Storage Fuel - NNG

| | |
|----------------------|----------|
| Dk | 22,922 |
| Adjusted for Fuel Dk | 23,215 |
| Fuel Costs | \$729 |
| Fuel Cost Per Dk | \$0.0318 |

STATEMENT OF RATES
 (Rates Per Dekatherm)

Attachment B
 Page 4 of 9

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 | 0.80% |
| Zone 1-2 | \$0.0116 | 1.04% |
| Zone 2-2 | \$0.0116 | 0.24% |
| Minimum Rate | \$0.0116 | |
| IT and AOT | | |
| Zone 1-1 | \$0.1678 | 0.80% |
| Zone 1-2 | \$0.2003 | 1.04% |
| Zone 2-2 | \$0.1206 | 0.24% |
| 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 | | \$0.0347 | |

- 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 | \$0.2003 | \$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) | <u>10.230</u> | <u>13.866</u> | <u>15.153</u> | <u>9.853</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 | 0.0366 | 0.0197 | | | 0.0175 | 0.0000 | 0.0366 | 0.0197 |
| Field | Market | 0.0366 | 0.0197 | 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.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression charge 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 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 SCHEDULE TFX

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

| 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 | 0.0366 | 0.0197 | | | 0.0175 | 0.0000 | 0.0366 | 0.0197 |
| Field | Market | 0.0366 | 0.0197 | 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.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression charge 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 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 TF, TFX, GST, TI, & FDD

Fuel Percentages/Electric Compression Rates

| | <u>Percentages</u> |
|---|-----------------------------|
| FUEL PERCENTAGES: | 1/ 7/ |
| Market Area (including Out-of-Balance) | 1.52% |
| 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 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 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.

RATE SCHEDULES FDD, PDD, IDD, ILD & SMS

Rate Schedule FDD

| | | |
|--------------------------|--------|----|
| Maximum Reservation Fee | 1.7140 | 1/ |
| Maximum Capacity Fee | 0.3567 | 1/ |
| Injection Charge - Firm | 0.0149 | |
| Withdrawal Charge - Firm | 0.0149 | |
| Annual Rollover Fee | 0.3567 | 1/ |

Rate Schedule PDD

| | | |
|----------------------------------|--------|----|
| Maximum Capacity Fee | 0.3567 | 1/ |
| Maximum Monthly Inventory Charge | 0.0887 | 1/ |
| Injection Charge | 0.0149 | |
| Withdrawal Charge | 0.0149 | |
| Annual Rollover Fee | 0.3567 | 1/ |

Rate Schedule IDD

| | | |
|----------------------------------|--------|----|
| Maximum Monthly Inventory Charge | 0.0887 | 1/ |
| Injection Charge | 0.0149 | |
| Withdrawal Charge | 0.0149 | |
| Annual Rollover Fee | 0.3567 | 1/ |

Rate Schedule ILD

| | | |
|-------------------------------|---------|--|
| Maximum Charge | 11.7500 | |
| Minimum Charge | 0.5044 | |
| Performance Obligation Charge | 2.0000 | |

Rate Schedule SMS

| | | |
|-----------------|--------|--|
| Reservation Fee | 2.1800 | |
| Commodity Rate | 0.0208 | |

1/ Minimum Rate is zero.

**Great Plains Natural Gas Co.
Market Conditions for Wahpeton's Natural Gas
April 2019**

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 April monthly price for the NNG-Ventura Index is expected to decrease from the previous month's index of \$2.96/MMBTU. Typically, prices tend to follow the decrease in heating degrees as calendar transitions from March to April. The shortage of national storage may provide price support throughout the injection season. The EIA reported nationwide storage levels as of March 15, 2019 at 32.7 percent below the five-year average and 21.6 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.
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, 2018 | | | | | | | | | <u>\$164,849</u> |
| May 2018 | (\$12,509) | \$0 | \$178 | (\$12,331) | 21,206 | \$0.3717 | \$7,882 | (\$20,213) | 144,636 |
| June | 6,181 | 0 | 158 | 6,339 | 7,003 | 0.5636 | 3,037 2/ | 3,302 | 147,938 |
| July | 23,190 | 0 | 166 | 23,356 | 5,424 | 0.5636 | 3,057 | 20,299 | 168,237 |
| August | 17,506 | 0 | 198 | 17,704 | 6,310 | 0.5636 | 3,556 | 14,148 | 182,385 |
| September | 1,981 | 0 | 227 | 2,208 | 5,512 | 0.5636 | 3,107 | (899) | 181,486 |
| October | (2,583) | 0 | 238 | (2,345) | 13,367 | 0.5636 | 7,534 | (9,879) | 171,607 |
| November | (30,023) | 0 | 232 | (29,791) | 24,098 | 0.5636 | 13,582 | (43,373) | 128,234 |
| December | 11,651 | 0 | 171 | 11,822 | 41,003 | 0.5636 | 23,109 | (11,287) | 116,947 |
| January 2019 | (27,766) | 0 | 154 | (27,612) | 49,847 | 0.5636 | 28,094 | (55,706) | 61,241 |
| February | (49,915) | 0 | 71 | (49,844) | 59,204 | 0.5636 | 33,367 | (83,211) | (21,970) |
| Total | <u>(\$62,287)</u> | <u>\$0</u> | <u>\$1,793</u> | <u>(\$60,494)</u> | <u>232,974</u> | | <u>\$126,325</u> | <u>(\$186,819)</u> | |
| Balance @ February 28, 2019 | | | | | | | | | <u>(\$21,970)</u> |

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

2/ Reflects 4,740.8 dk @ \$0.3717 and 2,261.9 dk @ \$0.5636.

**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, 2018 | | | | | | | | | <u>\$164,349</u> |
| May 2018 | \$6,397 | \$0 | \$183 | \$6,580 | 76,374 | \$0.0763 | \$5,827 | \$753 | 165,102 |
| June | (2,112) | 0 | 187 | (1,925) | 49,703 | 0.1921 | 4,970 2/ | (6,895) | 158,207 |
| July | (734) | 0 | 185 | (549) | 46,494 | 0.1921 | 8,931 | (9,480) | 148,727 |
| August | 1,829 | 0 | 179 | 2,008 | 47,692 | 0.1921 | 9,162 | (7,154) | 141,573 |
| September | (31,350) | 0 | 178 | (31,172) | 40,242 | 0.1921 | 7,730 | (38,902) | 102,671 |
| October | (128) | 0 | 133 | 5 | 20,091 | 0.1921 | 3,859 | (3,854) | 98,817 |
| November | 18,625 | 0 | 131 | 18,756 | 64,749 | 0.1921 | 12,438 | 6,318 | 105,135 |
| December | 9,078 | 0 | 143 | 9,221 | 85,945 | 0.1921 | 16,510 | (7,289) | 97,846 |
| January 2019 | (15,840) | 0 | 132 | (15,708) | 97,315 | 0.1921 | 18,694 | (34,402) | 63,444 |
| February | 3,139 | 0 | 81 | 3,220 | 95,323 | 0.1921 | 18,312 | (15,092) | 48,352 |
| Total | <u>(\$11,096)</u> | <u>\$0</u> | <u>\$1,532</u> | <u>(\$9,564)</u> | <u>623,928</u> | | <u>\$106,433</u> | <u>(\$115,997)</u> | |
| Balance @ February 28, 2019 | | | | | | | | | <u>\$48,352</u> |

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

2/ Reflects 39,536.5 dk @ \$0.0763 and 10,166.2 dk @ \$0.1921.