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November 10, 2020

Mr. Will Seuffert
Executive Secretary
Minnesota Public Utilities Commission
121 Seventh Place East, Suite 350
St. Paul, MN 55101-2147

RE: *In the Matter of the Petition by Great Plains Natural Gas Co., a Division of Montana-Dakota Utilities Co., to Establish a New Base Cost of Gas in Compliance with the Commission Order in the General Rate Filing*
Docket No. G004/GR-19-511
Docket No. G004/MR-20-___

Dear Mr. Seuffert:

Great Plains Natural Gas Co. (Great Plains), a Division of Montana-Dakota Utilities Co., herewith submits its miscellaneous tariff change filing to implement a new base cost of gas, pursuant to Minnesota Rule 7825.2700, subpart 2 and in compliance with Commission's Finding of Fact, Conclusions and Order (Order) issued in Docket No. G004/GR-19-511 dated October 26, 2020.

The base cost of gas matches Great Plains' July 8, 2020 Updated Base Cost of Gas (Compliance) filing and the authorized gas costs used to calculate the final approved revenues in Docket No. G004/GR-19-511 and is to be in effect on the date final rates are implemented. The Purchased Gas Cost Adjustment tariff sheet (Original Sheet No. 5-66) as submitted reflect the new base cost and currently effective GCR adjustment. The Purchased Gas Cost Adjustment tariff sheets will be resubmitted to reflect the Purchased Gas Cost Adjustment effective at the time final rates in Docket No. G004/GR-19-511 are implemented.

Submitted with this filing are the following:

Attachment A - Summary of the filing in accordance with Minnesota Rules 7829.1300 Subpart 1

Attachment B – Proposed Purchased Gas Cost Adjustment Tariff Sheet, along with tariff sheets submitted in Docket No. G004/GR-19-511 in compliance with the Order that include a reference to the Base Cost of Gas.

Attachment C - New Base Cost of Gas Calculation

If you have any questions please contact Travis Jacobson at (701) 222-7855, or Brian Meloy, at (612) 335-1451.

Sincerely,

/s/ Travis R. Jacobson

Travis R. Jacobson
Director of Regulatory Affairs

cc: Service List

STATE OF MINNESOTA
BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Great Plains Natural Gas Co., a)
Division of Montana-Dakota Utilities)
Co., Request to Implement a New) Docket No. G004/M-20_____
Base Cost of Gas)

SUMMARY OF FILING

Great Plains Natural Gas Co. (Great Plains), a Division of Montana-Dakota Utilities Co., submits this miscellaneous tariff change to establish a new base cost of gas to be implemented at the time final rates take effect in Docket No. G004/GR-19-511. The new base cost of gas calculation is based on the authorized billing determinants and cost of gas in Docket No. G004/GR-19-511 and matches the cost of gas included to calculate final approved revenues.

Attachment B



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume 3

Section No. 5
Original Sheet No. 5-25

RESIDENTIAL GAS SERVICE Rate 60

Availability:

Service under this rate schedule is available to any residential customer for the domestic use of natural gas service. See General Terms and Conditions, Paragraph 3, for definition on class of service.

Rate:

Basic Service Charge:	\$7.50 per month
Distribution Charge:	\$3.0171 per dk
Base Cost of Gas:	\$3.6905 per dk

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Revenue Decoupling Mechanism:

All customer bills under this rate are subject to the Revenue Decoupling Mechanism (Sheet No. 5-125).

Gas Affordability Program:

Bills are subject to the currently effective Gas Affordability Program charge as provided in the Gas Affordability Program Tariff (Sheet No. 5-120).

Date Filed:	November 10, 2020	Effective Date:	Service rendered on and after January 1, 2021
Issued By:	Travis R. Jacobson Director – Regulatory Affairs	Docket No.:	G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume 3

Section No. 5
Original Sheet No. 5-27

FIRM GENERAL SERVICE Rate 70

Availability:

Service under this rate schedule is available to any firm general service customer whose maximum requirements are not more than 2,000 cubic feet per hour. See General Terms and Conditions, Paragraph 3, for definition on class of service.

Rate:

Basic Service Charge:

For customers with meters rated
Under 500 cubic feet per hour \$23.00 per month

For customers with meters rated
Over 500 cubic feet per hour \$28.50 per month

Distribution Charge: \$2.4685 per dk

Base Cost of Gas: \$3.6905 per dk

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Revenue Decoupling Mechanism:

All customer bills under this rate are subject to the Revenue Decoupling Mechanism (Sheet No. 5-125).

Date Filed: November 10, 2020

Effective Date: Service rendered on and
after January 1, 2021

Issued By: Travis R. Jacobson
Director – Regulatory Affairs

Docket No.: G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume 3

Section No. 5
Original Sheet No. 5-29

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate 71

Availability:

Service under this rate schedule is available to any interruptible general gas service customer, except those served under Interruptible Grain Drying Gas Sales Service Rate 73, whose normal annual interruptible requirements are in excess of 1,000 dk but do not exceed 20,000 dk. Customer must satisfy Company of their ability and willingness to discontinue the use of said gas during period of curtailment or interruption, by the use of standby facilities, or suffering plant shutdown. The rates herein are applicable only to customer's interruptible load. Customer's firm natural gas requirements must be separately metered or specified in a firm service agreement. The firm service volumes are subject to available capacity. Customer's firm load shall be billed at Firm General Service Rate 70. For interruptible purposes, the maximum daily firm requirement shall be set forth in the firm service agreement.

Rate:

Basic Service Charge:	\$145.00 per month
Distribution Charge:	\$1.9219 per dk
Base Cost of Gas:	\$2.6287 per dk

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Revenue Decoupling Mechanism:

All customer bills under this rate are subject to the Revenue Decoupling Mechanism, (Sheet No. 5-125).

Date Filed: November 10, 2020

Effective Date: Service rendered on and after January 1, 2021

Issued By: Travis R. Jacobson
Director- Regulatory Affairs

Docket No.: G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume 3

Section No. 5
Original Sheet No. 5-33

INTERRUPTIBLE GRAIN DRYING GAS SALES SERVICE RATE 73

Availability:

Service under this rate schedule is applicable to all grain drying customers. Customer must satisfy the Company of their ability and willingness to discontinue the use of said gas during period of curtailment or interruption, by the use of standby facilities, or suffering plant shutdown. The rates herein are applicable only to customer's interruptible grain drying load. Customer's firm natural gas requirements must be separately metered.

Rate:

Basic Service Charge:	\$230.00 per month
Distribution Charge:	\$1.6611 per dk
Base Cost of Gas:	\$2.6287 per dk

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Revenue Decoupling Mechanism:

All customer bills under this rate are subject to the Revenue Decoupling Mechanism (Sheet No. 5-125).

Gas Utility Infrastructure Cost Adjustment:

Bills are subject to the currently effective Gas Utility Infrastructure Cost Adjustment charge as provided in the Gas Utility Infrastructure Cost Adjustment Tariff (Sheet No. 5-130).

Date Filed: November 10, 2020

Effective Date: Service rendered on and after January 1, 2021

Issued By: Travis R. Jacobson
Director- Regulatory Affairs

Docket No.: G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume 3

Section No. 5
Original Sheet No. 5-48

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate 85

Availability:

Service under this rate schedule is available to any interruptible general gas service customer, except those served under the Interruptible Grain Drying Gas Sales Service Rate 73, whose interruptible natural gas load will exceed 20,000 dk annually as metered at a single delivery point. The rates herein are applicable only to customer's interruptible load. Customer's firm natural requirements must be separately metered or specified in a firm service agreement. The firm service volumes are subject to available capacity. Customer's firm load shall be billed at Firm General Gas Service Rate 70. For interruption purposes, the maximum daily firm requirement shall be set forth in the firm service agreement. Customer must satisfy Company of their ability and willingness to discontinue the use of said gas during period of curtailment or interruption, by the use of standby facilities, or suffering plant shutdown.

Rate:

Basic Service Charge: \$230.00 per month

Distribution Charge: \$0.9007 per dk

Base Cost of Gas: \$2.6287 per dk

Flexible Distribution Charge per dk:

Company and customer will agree to a price between \$0.0810 and \$1.7204 per dk. Unless otherwise agreed, a five-day notice of price change shall be provided.

The flexible rate is available only to those customers whose normal daily requirements are in excess of 199 dk. The Company shall not offer or impose a flexible rate to customers with energy supplies consisting of indigenous biomass from a supplier not regulated by the Commission.

Customers are normally served on the fixed rate, but will be placed on the flexible rate if a qualifying customer requests flexible rate service and (1) for pricing reasons, the customer uses a non-gas alternate energy supply/service from a supplier not regulated by the Commission or (2) the customer uses gas from a supplier not regulated by the Commission.

Date Filed: November 10, 2020

Effective Date: Service rendered on and after January 1, 2021

Issued By: Travis R. Jacobson
Director – Regulatory Affairs

Docket No.: G004/GR-19-511



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

**State of Minnesota
 Gas Rate Schedule - MNPUC Volume 3**

Section No. 5
 Original Sheet No. 5-66

PURCHASED GAS COST ADJUSTMENT

	Firm				Interruptible			
	Est. Wtd. Demand Costs	Average Commodity	GCR Adj.	Est. Wtd. Total Firm	Est. Wtd. Demand Costs	Average Commodity	GCR Adj.	Est. Wtd. Total Large Int.
Base Rate	\$1.4568	\$2.2337	\$0.0000	\$3.6905	\$0.3950	\$2.2337	\$0.0000	\$2.6287
Accum. Adj.	0.0000	0.0000	(0.0628)	(0.0628)	0.0000	0.0000	(0.1178)	(0.1178)
Current Adj.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Adj.	0.0000	0.0000	(0.0628)	(0.0628)	0.0000	0.0000	(0.1178)	(0.1178)
Total Rate	\$1.4568	\$2.2337	(\$0.0628)	\$3.6277	\$0.3950	\$2.2337	(\$0.1178)	\$2.5109

Date Filed: November 10, 2020

Effective Date:

Issued By: Travis R. Jacobson
 Director - Regulatory Affairs

Docket No.: G004/MR-19-512/GR-19-511

Tariffs Reflecting Proposed Changes



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume **23**

Section No. 5

~~12th Revised-Original~~ Sheet No. 5-4025
~~Canceling 11th Revised Sheet No. 5-40~~

RESIDENTIAL GAS SERVICE Rate **N60** **North-District**

Availability:

Service under this rate schedule is available to any residential customer ~~located in Great Plains' Minnesota North-District Service Area (Breckenridge, Crookston, Fergus Falls, Pelican Rapids and Vergas)~~ for the domestic use of natural gas service. See General Terms and Conditions, Paragraph 3, for definition on class of service.

Rate:

Basic Service Charge: \$7.50 per month

Distribution Charge: ~~\$1.65453.0171~~ per dk

Base Cost of Gas: ~~\$3.85323.6905~~ per dk

~~Interim Rate Increase: 34.293% of amount billed under Basic Service Charge and Distribution Charge~~

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Revenue Decoupling Mechanism:

All customer bills under this rate are subject to the Revenue Decoupling Mechanism, (Sheet No. 5-125).

Gas Affordability Program:

Bills are subject to the currently effective Gas Affordability Program charge as provided in the Gas Affordability Program Tariff, (Sheet No. 5-120).

Date Filed: December 2, 2019

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume **23**

Section No. 5

~~12th Revised-Original~~ Sheet No. 5-4227

~~Canceling 11th Revised Sheet No. 5-42~~

FIRM GENERAL SERVICE Rate **N70** **~~North-District~~**

Availability:

Service under this rate schedule is available to any firm general service customer ~~located in Great Plains' Minnesota North-District Service Area (Breckenridge, Crookston, Fergus Falls, Pelican Rapids and Vergas)~~ whose maximum requirements are not more than 2,000 cubic feet per hour. See General Terms and Conditions, Paragraph 3, for definition on class of service.

Rate:

Basic Service Charge:

For customers with meters rated
Under 500 cubic feet per hour \$23.00 per month

For customers with meters rated
Over 500 cubic feet per hour \$28.50 per month

Distribution Charge: ~~\$1.31932~~ 2.4685 per dk

Base Cost of Gas: ~~\$3.8532~~ 3.6905 per dk

~~Interim Rate Increase: _____ 34.293% of amount billed under Basic
_____ Service Charge and Distribution Charge~~

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Revenue Decoupling Mechanism:

All customer bills under this rate are subject to the Revenue Decoupling Mechanism, (Sheet No. 5-125).

Date Filed: December 2, 2019

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume **23**

Section No. 5

~~44th Revised Original~~ Sheet No. 5-4429

~~Canceling 10th Revised Sheet No. 5-44~~

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate **N71**

~~North District~~

Availability:

Service under this rate schedule is available to any interruptible general gas service customer, ~~except those served under Interruptible Grain Drying Gas Sales Service Rate 73 located in Great Plains' Minnesota North District Service Area (Breckenridge, Crookston, Fergus Falls, Pelican Rapids and Vergas)~~, whose normal annual interruptible requirements are in excess of 1,000 dk but do not exceed 20,000 dk. Customer must satisfy Company of their ability and willingness to discontinue the use of said gas during period of curtailment or interruption, by the use of standby facilities, or suffering plant shutdown. The rates herein are applicable only to customer's interruptible load. Customer's firm natural gas requirements must be separately metered or specified in a firm service agreement. The firm service volumes are subject to available capacity. Customer's firm load shall be billed at Firm General Service Rate 70. For interruptible purposes, the maximum daily firm requirement shall be set forth in the firm service agreement.

Rate:

Basic Service Charge: \$145.00 per month

Distribution Charge: ~~\$1.14441.9219~~ per dk

Base Cost of Gas: ~~\$2.9807-2.6287~~ per dk

~~Interim Rate Increase: 34.293% of amount billed under Basic Service Charge and Distribution Charge~~

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Date Filed: December 2, 2019

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume 3

Section No. 5
Original Sheet No. 5-33

INTERRUPTIBLE GRAIN DRYING GAS SALES SERVICE RATE 73

Availability:

Service under this rate schedule is applicable to all grain drying customers. Customer must satisfy the Company of their ability and willingness to discontinue the use of said gas during period of curtailment or interruption, by the use of standby facilities, or suffering plant shutdown. The rates herein are applicable only to customer's interruptible grain drying load. Customer's firm natural gas requirements must be separately metered.

Rate:

<u>Basic Service Charge:</u>	<u>\$230.00 per month</u>
<u>Distribution Charge:</u>	<u>\$1.6611 per dk</u>
<u>Base Cost of Gas:</u>	<u>\$2.6287 per dk</u>

Minimum Bill:

Basic Service Charge.

Cost of Gas:

The billed cost of gas represents the Base Cost of Gas identified above adjusted by the Purchased Gas Cost Adjustment provided for in the Purchased Gas Cost Adjustment Clause (Sheet No. 5-62).

Conservation Improvement Program:

Bills are subject to the currently effective Conservation Improvement Program Adjustment as provided for in the Conservation Improvement Program Adjustment Clause (Sheet No. 5-110).

Revenue Decoupling Mechanism:

All customer bills under this rate are subject to the Revenue Decoupling Mechanism (Sheet No. 5-125).

Gas Utility Infrastructure Cost Adjustment:

Bills are subject to the currently effective Gas Utility Infrastructure Cost Adjustment charge as provided in the Gas Utility Infrastructure Cost Adjustment Tariff (Sheet No. 5-130).

Date Filed: September 27, 2019

Effective Date:

Issued By: Tamie A. Aberle
Director- Regulatory Affairs

Docket No.: G004/GR-19-511



GREAT PLAINS NATURAL GAS CO.

A Division of Montana-Dakota Utilities Co.

State of Minnesota Gas Rate Schedule – MNPUC Volume **23**

Section No. 5

~~44th Revised Original~~ Sheet No. 5-5848

~~Canceling 10th Revised Sheet No. 5-58~~

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate **N85** **North-District**

Availability:

Service under this rate schedule is available to any interruptible general gas service customer, ~~except those served under the Interruptible Grain Drying Gas Sales Service Rate 73, located in Great Plains' Minnesota North District Service Area (Breckenridge, Crookston, Fergus Falls, Pelican Rapids and Vergas),~~ whose interruptible natural gas load will exceed 20,000 dk annually as metered at a single delivery point. The rates herein are applicable only to customer's interruptible load. Customer's firm natural requirements must be separately metered or specified in a firm service agreement. The firm service volumes are subject to available capacity. Customer's firm load shall be billed at Firm General Gas Service Rate 70. For interruption purposes, the maximum daily firm requirement shall be set forth in the firm service agreement. Customer must satisfy Company of their ability and willingness to discontinue the use of said gas during period of curtailment or interruption, by the use of standby facilities, or suffering plant shutdown.

Rate:

Basic Service Charge: \$230.00 per month

Distribution Charge: ~~\$0.57630.9007~~ per dk

Base Cost of Gas: ~~\$2.98072.6287~~ per dk

~~Interim Rate Increase: 34.293% of amount billed under Basic Service Charge and Distribution Charge~~

Flexible Distribution Charge per dk:

Company and customer will agree to a price between ~~\$0.05600.0810~~ and ~~\$1.09661.7204~~ per dk. Unless otherwise agreed, a five-day notice of price change shall be provided.

The flexible rate is available only to those customers whose normal daily requirements are in excess of 199 dk. The Company shall not offer or impose a flexible rate to customers with energy supplies consisting of indigenous biomass from a supplier not regulated by the Commission.

Customers are normally served on the fixed rate, but will be placed on the flexible rate if a qualifying customer requests flexible rate service and (1) for pricing reasons, the customer uses a non-gas alternate energy supply/service from a supplier not regulated by the Commission or (2) the customer uses gas from a supplier not regulated by the Commission.

Date Filed: December 2, 2019

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-19-511

**GREAT PLAINS NATURAL GAS CO.
MINNESOTA
PURCHASED GAS COST ADJUSTMENT
REFLECTING PUC DELIBERATIONS**

	Billing		Demand		Amount
	Determinants	Rate	Months	Amount	Per Dk
<u>Viking Firm</u>					
FT-A - Zone 1-1 (Cat. 3)	8,000	\$3.8060	12	\$365,376	\$0.1150
FT-A - Zone 1-1 (Cat. 3)	5,000	3.8060	12	228,360	0.0719
FT-A Seasonal (Cat. 3)	2,000	3.8060	5	38,060	0.0120
FT-A - Zone 1-1 (Cat. 3)	5,000	3.8060	12	228,360	0.0719
FT-A - Capacity Release	(2,200)	4.7507	5	(52,258)	(0.0165)
 <u>Northern Natural Firm</u>					
TFX - Winter/Seasonal	15,000	19.4710	5	1,460,325	\$0.4598
TFX - Summer	13,000	7.3030	7	664,573	0.2093
TF12 Base - Summer	3,921	7.3030	7	200,445	0.0631
TF12 Base - Winter	3,921	13.1450	5	257,708	0.0811
TF12 Variable - Summer	3,614	7.3030	7	184,751	0.0582
TF12 Variable - Winter	3,614	17.8180	5	321,971	0.1014
TF5	3,410	19.4710	5	331,981	0.1045
TFX - Summer	2,000	7.3030	7	102,242	0.0322
TFX - Winter	7,200	19.4710	5	700,956	0.2207
TFX Negotiated Contract - Winter	1,000	26.8918	5	134,459	0.0423
FDD-1 Reservation	4,640	2.8624	12	159,378	0.0502
Interruptible Demand Credit 3/				(699,566)	(0.2203)
Total Demand Charges				<u>\$4,627,121</u>	<u>\$1.4568</u>
Estimated Weighted Average Commodity Cost	3,175,968 1/	2.2337		7,094,160	2.2337
Total Current Firm Gas Cost				<u><u>\$11,721,281</u></u>	<u><u>\$3.6905</u></u>
 <u>Interruptible</u>					
Demand Charge 2/					\$0.3950
Estimated Weighted Average Commodity Cost					2.2337
Total Current Interruptible Gas Cost					<u><u>\$2.6287</u></u>
 Rates Effective July 1, 2020 with Projected 2020 Commodity					
		<u>\$/Dk</u>			
TF12 Base - Summer		\$7.3030			Per dk/Mo.
TF12 Base - Winter		13.1450			Per dk/Mo.
TF12 Variable - Summer		7.3030			Per dk/Mo.
TF12 Variable - Winter		17.8180			Per dk/Mo.
TF5		19.4710			Per dk/Mo.
TFX		19.4710			Per dk/Mo.
TFX Negotiated Contract		26.8918			Per dk/Mo.
FDD-1 Reservation		2.8624			Per dk/Mo.
FDD-1 Demand Charge (Capacity Charge)		0.5957			Per dk/Mo.
FT-A - Zone 1-1 (Category 3)		3.8060			Per dk/Mo.
TFX		19.4710			Per dk/Mo.
Estimated Weighted Average Commodity Cost		2.2337			Per dk

**GREAT PLAINS NATURAL GAS CO.
MINNESOTA
PURCHASED GAS COST ADJUSTMENT
REFLECTING PUC DELIBERATIONS**

1/ Projected 2020 annual demand volume.

2/ Interruptible demand charge based on 100% load factor:

Firm Capacity (Per 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>\$5,326,687</u>
Interruptible Demand Charge per dk @ 100% LF	<u>\$0.3950</u>

3/ Interruptible Demand Credit:

Interruptible Demand Charge per dk @ 100% LF	\$0.3950
Annual demand volume - Interruptible Customers only	<u>1,771,053</u>
Total Interruptible Demand Credit	<u>(\$699,566)</u>

Annual demand volume - Firm Customers only	<u>3,175,968</u>
Interruptible Demand Credit per dk - Firm	<u>(\$0.2203)</u>

**GREAT PLAINS NATURAL GAS CO.
BASE COST OF GAS - PROJECTED 2020 - PUC ORDER
TOTAL SYSTEM**

	Total System Supply	Cost per Dk	FDD-1 Storage 1/	FDD-1 Capacity	SMS 2/	Viking Transport
<u>Estimated Cost Per Dk</u>						
Commodity Cost of Gas 3/		\$2.1300				
Transportation - Northern Natural		0.0178			\$0.0208	
Transportation - Viking						\$0.0149
Withdrawal Fee						
Fuel Transportation - Northern Natural 4/		0.0150				
Fuel Transportation - Viking 4/						0.0000
SMS Demand 5/		0.0195				
LMS Demand 5/		0.0061				
FDD-1 Capacity 6/				\$0.0322		
Total Cost Per Dk		\$2.1884		\$0.0322	\$0.0208	\$0.0149
Total Estimated Dk Purchases 7/	4,947,021	4,947,021				3,045,386
Estimated Cost	\$11,050,214	\$10,826,061	\$17,112	\$159,294	\$2,371	\$45,376
Average Cost Per Dk		<u><u>\$2.2337</u></u>				

1/ Total costs related to storage.

2/ Monthly requirement of 9,500 Dk.

3/ Projected based upon 2020 index pricing.

4/ Transportation Fuel Percentage of	NNG	Viking
Field Area and Other	0.00%	0.00%
Market Area	0.70%	0.00%
Total	0.70%	0.00%

5/ 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	\$3.2110	12	\$96,330	\$0.0195
LMS Demand	2,500	\$1.0000	12	\$30,000	\$0.0061

6/ 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	\$0.5957	5	\$159,377	\$0.0322

7/ Projected 2020 firm and interruptible sales volumes.

**GREAT PLAINS NATURAL GAS CO.
BASE COST OF GAS - PROJECTED 2020 - PUC ORDER
TOTAL SYSTEM**

<u>Transportation Fuel</u>	<u>NNG</u>	<u>Viking</u>
Dk	4,947,021	3,045,386
Adjusted for Fuel Dk	4,981,894	3,045,386
Fuel Costs	\$74,279	\$0
Fuel Cost Per Dk	\$0.0150	\$0.0000
<u>Storage Fuel - NNG</u>		
Dk	267,547	
Adjusted for Fuel Dk	270,632	
Fuel Costs		\$6,571
<u>Injection/Withdrawal</u>		
Dk Injection	267,547	
Dk Withdrawal	267,547	
Total	<u>535,094</u>	
Charge per dk	\$0.0197	
Injection/Withdrawal cost		\$10,541
Total Costs Related to Storage		<u><u>\$17,112</u></u>

**GREAT PLAINS NATURAL GAS CO.
RECONCILIATION OF PROJECTED SALES VOLUMES
WITH RATE CASE - AUTHORIZED**

	Projected 2020 Firm Sales	Projected 2020 IT Sales	Total
Great Plains Minnesota	<u>2,869,510</u>	<u>943,660</u>	<u>3,813,170</u>
Great Plains North Dakota	<u>306,458</u>	<u>827,393</u>	<u>1,133,851</u>
	<u>3,175,968</u>	<u>1,771,053</u>	<u>4,947,021</u>