



West Fir Avenue

Mailing Address:

P.O. Box 176

Fergus Falls, MN 56538-0176

(218) 736-6935

December 21, 2016

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

**Re: Petition for Approval of a Gas Utility Infrastructure Cost Adjustment Tariff
Great Plains Natural Gas Co., Docket No. G004/M-16- __**

Dear Mr. Wolf:

Great Plains Natural Gas Co. (Great Plains), a Division of MDU Resources Group, Inc., herewith electronically submits its Petition for Approval of a Gas Utility Infrastructure Cost (GUIC) tariff and proposed adjustment based on the 2017 revenue requirement to be effective May 20, 2017.

Great Plains respectfully requests this filing be accepted as being in full compliance with the filing requirements of this Commission and that the Commission approve the transaction as consistent with the public interest on an expedited basis.

If you have any questions regarding this filing, please contact me at (701) 222-7856 or Brian Meloy, at (612) 335-1451.

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

Table of Contents

Summary of Filing

Petition and Verification

Exhibit A – Matrix of Information Required by Minnesota Statute § 216B.1635

Exhibit B – Project Overview and Detail

Exhibit C – Proposed Tariff

Exhibit D – 2017 Revenue Requirement

Exhibit E – GUIC Adjustment Calculation 2017

Exhibit F – Magnitude of GUIC and time since last rate case

STATE OF MINNESOTA
BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
Nancy Lange	Vice Chair
Dan Lipschultz	Commissioner
Matt Schuerger	Commissioner
John Tuma	Commissioner

In the Matter of a Request by Great Plains Natural Gas Co. for the Approval of a Gas Utility Infrastructure Cost Tariff and Adjustment)
) MPUC Docket No. G004/M-16-____
)
)
)

SUMMARY OF FILING

Pursuant to Minn. Stat. § 216B.1635 Great Plains Natural Gas Co., (Great Plains) a Division of MDU Resources Group, Inc., requests approval from the Minnesota Public Utilities Commission (Commission) of a Gas Utility Infrastructure Cost (GUIC) adjustment tariff and a proposed GUIC adjustment based on a 2017 revenue requirement of \$456,286 to be effective beginning with service rendered May 20, 2017. The establishment of the GUIC adjustment tariff will allow Great Plains to recover out-of-test-year infrastructure investments mandated by federal or state agencies associated with Great Plains' pipeline integrity programs.

STATE OF MINNESOTA
BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
Nancy Lange	Vice Chair
Dan Lipschultz	Commissioner
Matt Schuerger	Commissioner
John Tuma	Commissioner

In the Matter of Great Plains)
Natural Gas Co.'s Request for the)
Approval of a Gas Utility) MPUC Docket No. G004/M-16-____
Infrastructure Cost Tariff and)
Adjustment)

**GREAT PLAINS NATURAL GAS CO.'S PETITION
FOR APPROVAL OF A GAS UTILITY
INFRASTRUCTURE COST TARIFF AND ADJUSTMENT**

I. INTRODUCTION AND SUMMARY

Pursuant to Minn. Stat. § 216B.1635, Great Plains Natural Gas Co. (Great Plains) a Division of MDU Resources Group, Inc. hereby petitions the Minnesota Public Utilities Commission (Commission) for approval of a Gas Utility Infrastructure Cost (GUIC) tariff and proposed adjustment to be effective with service rendered May 20, 2017.

As discussed below, Great Plains' proposed GUIC tariff will allow Great Plains to recover costs and expenses that will be incurred to comply with federal regulations that set standards for how operators validate the integrity of gas distribution assets by identifying risks, systematically performing health and condition assessments, and evaluating and prioritizing repairs to mitigate the risks and threats. In particular, Great Plains will incur costs and expenses associated with its Distribution Integrity Management Program (DIMP) and respectfully requests to recover \$456,286 in costs

and expenses associated with two capital budget projects to replace PVC pipe mains and services in its Minnesota communities. There are no operation and maintenance expense (O&M) projects for 2017.

Great Plains submits that the proposed GUIC tariff and adjustment is consistent with the requirements of Minn. Stat. § 216B.1635 and the public interest and that the associated costs are just and reasonable. Exhibit A lists the matrix of information required by Minn. Stat. § 216B.1635 and identifies where the required information is contained in the filing.

II. BACKGROUND

Great Plains, like other gas utilities, must comply with federal and state regulations that require natural gas companies to implement integrity management programs to assess and improve the safety, reliability, and integrity of their natural gas infrastructure. Minn. Stat. §216B.1635 provides a mechanism for gas utilities to recover costs and expenses of gas infrastructure costs associated with the required replacement of transmission and distribution facilities “required by a federal or state agency.” In recent years, several regulations focused on gas infrastructure integrity have been implemented.

In December of 2003, the Pipeline and Hazardous Materials Safety Administration (PHMSA) published the Transmission Integrity Management Rule or the “TIMP Rule” (49 C.F.R. 192, Subpart O). The TIMP Rule specifies how operators must identify, prioritize, assess, evaluate, repair, and validate the safety and integrity of its transmission pipelines that could affect High Consequence Areas “HCAs”. HCAs are highly populated buildings or outdoor areas of population. As required by the rule,

Great Plains implemented its TIMP program in December of 2004. Since its inception, several revisions have been made to the program. The latest revision (Rev. 4) was made in September of 2013. Great Plains' TIMP program consists of Fifteen Sections along with three associated appendices.

In December 2006, the President signed into law the Pipeline Inspection, Protection, Enforcement and Safety Act or the "PIPES Act". As a result of the PIPES Act, PHMSA's regulatory and enforcement authority was strengthened. The PIPES Act also mandates PHMSA to prescribe minimum standards for pipeline safety and integrity management programs for distribution pipelines. As a result, the law requires operators of distribution pipelines to continually identify and assess risks on their distribution systems to remediate conditions that present a potential threat to the integrity of their pipeline system. Operators must also monitor the program's effectiveness.

As prescribed in the PIPES Act, PHMSA published the Integrity Management Program for Gas Distribution Pipelines Rule or the "DIMP Rule" (49 C.F.R. Part 192, Subpart P) in December of 2009. DIMP requires operators to know the make-up of their distribution system along with the written development of a distribution pipeline safety and integrity management program. The objective of the plan is to develop a model to assist in determining which areas of the gas distribution system to focus operation, maintenance and repair efforts and resources due to known or predicted threats to the distribution system. As required by the rule, Great Plains implemented their DIMP program and is currently operating under the latest revision effective in March of 2014.

Great Plains is requesting recovery of two projects in this filing that have been identified and assessed using the DIMP model. Exhibit B provides an overview of the projects along with details of each project.

III. General Filing Information

Pursuant to Minn. R. Part 7825.1300, Subpart 3, Great Plains provides the following general information:

Utility:	Great Plains Natural Gas Co. A Division of MDU Resources Group, Inc.
Company's Attorneys:	Brian M. Meloy Stinson Leonard Street 150 South 5 th Street, Suite 2300 Minneapolis, MN 55402 Telephone: 612-335-1451 brian.meloy@stinson.com
Date of Filing	December 21, 2016
Proposed Effective Date	May 20, 2017
Controlling Statute for Time in Processing the Filing	Minnesota Statute § 216B.1635 does not establish a time for processing.
Utility personnel authorizing the filing and to whom copies of correspondence, pleadings and notices should be sent:	Tamie A. Aberle Director of Regulatory Affairs Great Plains Natural Gas Co. 400 North 4 th Street Bismarck, ND 58501

IV. Description of Filing

A. Petitioner

Great Plains is a Minnesota public utility as defined in Minn. Stat. § 216B.02, Subd. 4 and operates as a Division of MDU Resources Group, Inc. Great Plains is engaged in business as a natural gas local distribution company serving 18

communities in Minnesota and one in North Dakota. Great Plains currently provides natural gas utility service to approximately 21,600 customers in Minnesota and approximately 2,200 customers in North Dakota.

B. The Proposed Tariff and Adjustment

Great Plains is proposing to establish a GUIC adjustment tariff and implement a GUIC adjustment to be effective with service rendered May 20, 2017 in accordance with Minn. Stat. § 216B.1635 Subd. 2. The proposed tariff is set forth in Exhibit C. The proposed GUIC is based on projected costs for a calendar year with a true-up of the projected costs to actual costs each year to be effective on May 1 each year.

The calculation of the 2017 revenue requirement is shown on Exhibit D and includes the return on investment, depreciation, ad valorem taxes and income taxes related to the projects outlined in Exhibit B. The rate of return is that authorized in Docket No. G004/GR-15-879 effective January 1, 2017.¹ Great Plains used the authorized return on rate base since the return was recently decided and would still be applicable for the proposed time period of 2017.

Exhibit E is the proposed GUIC adjustment proposed to be effective with service rendered May 20, 2017. The total revenue requirement of \$456,286 was allocated to the rate classes (residential, firm general, small interruptible and large interruptible sales and transportation excluding the flexed transportation service agreements) based on the non-gas revenues authorized in Docket No. G004/GR-15-879. Great Plains is proposing to exclude the flexible rate customers from the GUIC adjustment

¹ See *In the Matter of the Petition by Great Plains Natural Gas Co., a Division of MDU Resources Group Inc. for Authority to Increase Natural Gas Rates in Minnesota*, Docket No. G004/GR-15-879, Findings of Fact, Conclusions and Order (September 6, 2016).

in this filing consistent with the revenue allocation recently authorized in Docket No. G004/GR-15-879. Flexible rate customers are subject to effective competition and are therefore highly price sensitive and any change could have an effect on the customer.

The revenue requirement allocated was then divided by projected dk volumes for the period May 2017- April 2018 to arrive at the adjustment per dk, with the proposed GUIC adjustment shown in the table below:

	<u>Per Dk</u>
<u>Sales</u>	
Residential	\$0.1485
Firm General	0.1117
Small Int.	0.0861
Large Int.	0.0632
<u>Transportation (excluding flexible contracts)</u>	
Small Int.	0.0657
Large Int.	0.0315

V. THE PROPOSAL IS IN THE PUBLIC INTEREST

The proposed GUIC adjustment is in the public interest as it fully complies with the requirements of Minn. Stat. § 216B.1635 in reflecting prudently incurred costs driven by investments “required by a federal or state agency.” The replacement of facilities for safety and reliability purposes benefits customers, as does the avoidance of a general rate case and the adjustment is consistent with the revenue allocation authorized in the last rate case (Docket No. G004/GR-15-879). The proposed tariff and GUIC adjustment are consistent with the public interest.

VI. FILING COMPLIANCE

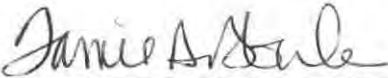
The list of requirements set forth in Minn. Stat. § 216B.1635 and Great Plains compliance with the requirements is contained in Exhibit F.

VII. CONCLUSION

Based on all of the information provided in this Petition, Great Plains respectfully requests that the Commission approve the GUIC adjustment tariff and authorize the GUIC adjustment as set forth on Exhibit C effective May 20, 2017.

Respectfully submitted,

Great Plains Natural Gas Co.,
A Division of MDU Resources Group, Inc.

By: 
Tamie A. Aberle

STATE OF NORTH DAKOTA)
) ss
COUNTY OF BURLEIGH)

Tamie A. Aberle, having been duly sworn upon this oath, states that she is the Director of Regulatory Affairs for Great Plains Natural Gas Co., a Division of MDU Resources Group, Inc., and as such is duly authorized to make this affidavit on behalf of Great Plains and that the matters and things stated in this filing, including the Petition for Approval and the attached Exhibits A-F are true and correct to the best of his information and belief.

Dated this 21st day of December, 2016.



Tamie A. Aberle
Director of Regulatory Affairs

Subscribed and sworn to before me this 21st day of December, 2016.

CAITLIN STRAABE
Notary Public
State of North Dakota
My Commission Expires August 28, 2019



Caitlin Straabe, Notary Public
State of North Dakota
My Commission Expires: 08/28/2019

**INFORMATION REQUIRED BY MINNESOTA PUBLIC UTILITIES
MINNESOTA STATUTE §216B.1635**

**Minnesota
Statute**

Information Requested

Section and page of Application

<p>216B.1635 Subp. 2</p>	<p>Gas Infrastructure Filing A public utility submitting a petition to recover gas infrastructure costs under this section must submit to the commission, the department, and interested parties a gas infrastructure project plan report and a petition for rate recovery of only incremental costs associated with projects under subdivision 1, paragraph (c). The report and petition must be made at least 150 days in advance of implementation of the rate schedule, provided that the rate schedule will not be implemented until the petition is approved by the commission pursuant to subdivision 5. The report must be for a forecast period of one year.</p>	<p>Application</p>
<p>Subp. 3</p>	<p>Gas infrastructure project plan report The gas infrastructure project plan report required to be filed under subdivision 2 shall include all pertinent information and supporting data on each proposed project including, but not limited to, project description and scope, estimated project costs, and project in-service date.</p>	<p>Exhibit B</p>
<p>Subp. 4</p>	<p>Cost recovery petition for utility's facilities Notwithstanding any other provision of this chapter, the commission may approve a rate schedule for the automatic annual adjustment of charges for gas utility infrastructure costs net of revenues under this section, including a rate of return, income taxes on the rate of return, incremental property taxes, incremental depreciation expense, and any incremental operation and maintenance costs. A gas utility's petition for approval of a rate schedule to recover gas utility infrastructure costs outside of a general rate case under section <u>216B.16</u> is subject to the following:</p> <p>(1) a gas utility may submit a filing under this section no more than</p>	

**INFORMATION REQUIRED BY MINNESOTA PUBLIC UTILITIES
MINNESOTA STATUTE §216B.1635**

**Minnesota
Statute**

Information Requested

Section and page of Application

	once per year; and	
(2)	a gas utility must file sufficient information to satisfy the commission regarding the proposed GUIC. The information includes, but is not limited to:	
(i)	the information required to be included in the gas infrastructure project plan report under subdivision 3;	Exhibit B
(ii)	the government entity ordering or requiring the gas utility project and the purpose for which the project is undertaken;	Exhibit B
(iii)	a description of the estimated costs and salvage value, if any, associated with the existing infrastructure replaced or modified as a result of the project;	Exhibit B
(iv)	a comparison of the utility's estimated costs included in the gas infrastructure project plan and the actual costs incurred, including a description of the utility's efforts to ensure the costs of the facilities are reasonable and prudently incurred;	N/A as this is the first proposed adjustment
(v)	calculations to establish that the rate adjustment is consistent with the terms of the rate schedule, including the proposed rate design and an explanation of why the proposed rate design is in the public interest;	Exhibit E and Exhibit F
(vi)	the magnitude and timing of any known future gas utility projects that the utility may seek to recover under this section;	Exhibit B
(vii)	the magnitude of GUIC in relation to the gas utility's base revenue as approved by the commission in the gas utility's most recent general rate case, exclusive of gas purchase costs and transportation charges;	Exhibit F

**INFORMATION REQUIRED BY MINNESOTA PUBLIC UTILITIES
MINNESOTA STATUTE §216B.1635**

<u>Minnesota Statute</u>	<u>Information Requested</u>	<u>Section and page of Application</u>
(viii)	the magnitude of GUIC in relation to the gas utility's capital expenditures since its most recent general rate case; and	Exhibit F
(ix)	the amount of time since the utility last filed a general rate case and the utility's reasons for seeking recovery outside of a general rate case.	Exhibit F
Subp. 6	<p>Rate of return The return on investment for the rate adjustment shall be at the level approved by the commission in the public utility's last general rate case, unless the commission determines that a different rate of return is in the public interest..</p>	Exhibit D

**GREAT PLAINS NATURAL GAS CO.
GAS UTILITY INFRASTRUCTURE COST ADJUSTMENT
PROJECT DETAIL**

TIMP Overview

Great Plains' TIMP plan assesses the integrity of transmission pipelines by the following criteria: High consequence Areas (HCA's), threat and risk assessment. The integrity plan encompasses this information into three plans; the baseline assessment plan, direct assessment plan and remediation plan.

Once the pipeline has a baseline, there needs to be continuing evaluation of the pipeline integrity based on existing threats and new threats to the pipeline. The performance of the pipeline and assessment is updated periodically.

Great Plains TIMP plan requires the Company to conduct a direct assessment of its transmission line located in high consequence areas. Due to location of the transmission line and results of the Company's assessment, a remediation action is necessary to relocate the pipeline and eliminate the high consequence area.

TIMP Projects

Great Plains has no TIMP projects forecasted for the 2017-2020 period. Two projects were included in Great Plains most recent rate case, Docket No. G004/GR-15-879. The projects reflected in the the rate case filed in 2015 were to replace the 6" transmission line in Fergus Falls, which is a high consequence area (HCA) and to install pig launchers/receivers at both ends of the replaced line section.

DIMP Overview

Great Plains' DIMP model assesses eight different threat categories: Corrosion,

Natural Forces, Equipment Failure, Excavation, Incorrect Operation, Joint Failure, Outside Force, and Other, all equally weighted.

A detailed geographical information system (GIS) map, with every piece or component that makes up the gas distribution system, both above and below ground, and with as much information about each piece as is available is used as the basis of the model. Scores for various factors were determined by a group of subject matter experts including office engineers, field engineers and field technicians.

The model sets a 50 foot by 50 foot grid to analyze all components. Each grid is then analyzed by eight individual sub-models with up to 150 calculations in each sub-model. This in turn produces a very comprehensive look at the entire system. In Minnesota, 4.49 million feet of pipe was analyzed with approximately 870,000 calculations to support the risk model.

The results obtained from the DIMP modeling are consistent with what was expected by the Company's subject matter experts. The top three risks identified by the DIMP model for Great Plains were:

1. Excavation Damage (driven by PVC)
2. Material Failure (driven by PVC)
3. Corrosion (driven by older vintage steel systems)

The DIMP results are used as an operational tool to aid in directing resources to reduce pipeline risks. The results are consistently analyzed to determine accelerated actions to the pipeline so that changes to resource planning and budgeting can be made to carry out the reduction in risks from pipeline threats. From this DIMP analysis, Great Plains has proceeded with replacing PVC pipe mains and has identified additional

study work related to isolated risers and potential corrosion that is necessary in the near term.

DIMP Projects

As a result of its analysis, Great Plains initiated PVC pipe replacement for mains and services starting in 2013, which will require beyond 2020 to complete. Such projects are included in its GUIC – including the (1) 2016 PVC replacement projects that were not reflected in the most recent rate case in Docket No. G004/GR-115-879, and (2) 2017 PVC replacement projects.¹

In this respect, Great Plains has two capital budget projects that are includable in the GUIC; replacing PVC pipe mains and services in its Minnesota communities. The two funding project orders and associated amounts for the five year period 2016-2020 are below. The costs include the capital costs of replacing the mains and services as there is no salvage associated with the PVC mains and services being retired.

		2016	2017	2018	2019	2020
FP-200800	Replace PVC mains	\$1,038,400	\$975,652	\$989,482	\$1,251,421	\$1,304,279
FP-200823	Replace PVC services	1,164,763	853,574	865,672	1,130,483	1,178,963

Great Plains ensures that the costs of the projects are reasonable through 1) using a competitive bidding process with multiple contractors on larger projects and 2) closely watching costs to stay within the budgeted amounts or determine why expenditures were different from the budget. Overall, the projected expenditures are relatively stable over time. The history of amount recorded in plant in service for the years 2013-2015 were:

¹ Under Minn. Stat. § 216B.1635, Subd. 1, eligible "gas utility infrastructure costs" include costs of projects that "are in service but were not included in the gas utility's rate base in its most recent general rate case, or are planned to be in service during the period covered by the report under subdivision 2, but in no case longer than the on-year forecast period in the report."

	<u>Total</u>	<u>Mains</u>	<u>Services</u>
2013	\$1,016,838	\$157,711	\$859,127
2014	1,533,863	866,447	667,416
2015	1,801,527	1,008,044	793,483

Mains and services were replaced in the communities of Dawson in 2013, in Breckenridge and Sacred Heart in 2014 and in Breckenridge and Renville in 2015. The projects in Breckenridge in Renville continued into 2016. The list of planned PVC replacements by year is shown below. Great Plains is requesting authority to recover the 2016 and 2017 projects under this application. Projects are placed in service as sections are completed, with the majority of the dollars associated with the projects placed in service in the last half of the year. Monthly detail is provided in Exhibit D. The projects shown for 2018-2020 are for illustrative purposes only as the projects will be submitted for cost recovery under the GUIC in subsequent filings.

<u>Year</u>	<u>City/Town</u>	<u>Type</u>	<u>No. of Service Lines</u>	<u>Main Apprx. Feet</u>
2016	Breckenridge	mains and services	293	30,255
	Renville	mains and services	240	18,241
	Miscellaneous 1/	mains and services	100	8,000-10,000
2017	Breckenridge	mains and services	54	4,000
	Pelican Rapids	mains and services	225	15,000
	Clarkfield	mains and services	100	15,000
	Echo	mains and services	125	11,000
	Miscellaneous 1/	mains and services	100	8,000-10,000
2018	Pelican Rapids	mains and services	250	
	Clarkfield	mains and services	250	2/
	Miscellaneous 1/	mains and services	100	
2019	Pelican Rapids	mains and services	270	
	Clarkfield	mains and services	72	2/
	Belview	mains and services	139	
	Miscellaneous 1/	mains and services	100	
2020	Fergus Falls	mains and services	275	
	Danube	mains and services	225	2/
	Miscellaneous 1/	mains and services	100	

1/ Projects within a town that have street projects where the PVC pipe is replaced at the same time as the road project.

2/ To be determined.

Exhibit C



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 1
7th Revised Sheet No. 1-2
Canceling 6th Revised Sheet No. 1-2

TABLE OF CONTENTS

<u>Section No.</u>	<u>Subject</u>	<u>Sheet No.</u>
	Purchased Gas Cost Adjustment Reserved for Future Use	5-97 5-98 thru 5-109
	Conservation Improvement Program Adjustment Clause Reserved for Future Use	5-110 5-111 thru 5-114
	Franchise Fee Rider Reserved for Future Use	5-115 5-116 thru 5-119
	Gas Affordability Program	5-120
	Revenue Decoupling Mechanism	5-125
	Gas Utility Infrastructure Cost Adjustment	5-130
6	General Terms and Conditions	6-1
7	Contract and Agreement Forms	
	Application for Service Line/Additional Meter Firm Natural Gas Service	7-1
	Application for Service Line/Additional Meter Interruptible Natural Gas Service	7-2
	Consumer Bill	7-3 thru 7-3.1
	Disconnection Notice	7-4
	Disconnection Notice Residential Heat Customers (Cold Weather Rule)	7-5
	Request for Interruptible Natural Gas Service	7-6
	Interruptible Gas Sales Service Agreement	7-7
	Interruptible Gas Sales Service Agreement – Exhibit "A"	7-8
	Gas Transportation Agreement	7-9
	Gas Transportation Agreement – Exhibit "A"	7-10
	Gas Transportation Agreement – Exhibit "B"	7-11
	Firm Gas Service Extension Agreement	7-12

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director - Regulatory Affairs

Docket No.:



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

State of Minnesota
Gas Rate Schedule – MNPUC Volume 2

Section No. 5
6th Revised Sheet No. 5-41
Canceling 5th Revised Sheet No. 5-41

RESIDENTIAL GAS SERVICE Rate N60
North District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to reflect decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid 22 days from the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-43

Canceling 3rd Revised Sheet No. 5-43

FIRM GENERAL SERVICE Rate N70 North District

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.

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-45

Canceling 3rd Revised Sheet No. 5-45

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate N71 North District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to reflect decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

Conditions of Service:

1. PRIORITY OF SERVICE – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on firm gas service rates. Customers taking service hereunder agree that the Company, without prior notice, shall have the right to curtail or interrupt such service, in Company's sole judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with the provisions of General Terms and Conditions, Section 6, Paragraph V.17.
2. PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by the Company, any gas taken shall be billed at the Firm General Gas Service Rate N70 (distribution delivery charge and cost of gas), plus either an amount equal to any charges the Company is required to pay to interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director- Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

3rd Revised Sheet No. 5-46

Canceling 2nd Revised Sheet No. 5-46

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate N71 North District

Company, in its discretion, may shut off customer's supply of gas in the event of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.

3. **AGREEMENT** – Customer will be required to enter into an agreement for service hereunder for a minimum term of 12 months. Written notice of termination by either Company or customer must be given at least 60 days prior to the end of the initial term. Absent such termination notice, the agreement shall continue for additional terms of equal length until written notice is given, as provided herein, prior to the end of any subsequent term. Upon expiration of service, the customer may apply for and receive, at the sole discretion of the Company, gas service under this rate or another appropriate rate schedule for the customer's operations.
4. **OBLIGATION TO NOTIFY COMPANY OF CHANGE IN DAILY OPERATIONS** – Customer will be required as specified in the service agreement to notify Company of an anticipated change in daily operations. Failure to comply with requirements specified in the service agreement may result in the assessment of penalties to the customer equal to the penalty amount the Company must pay to the interconnecting pipeline caused by customer's action.
5. **METERING REQUIREMENTS** – Remote data acquisition equipment (telemetering equipment) if required for daily measurement will be purchased and installed by the Company prior to the initiation of service hereunder. The cost of the equipment and its installation shall be paid for by the customer. Such contribution in aid, as adjusted for federal and state income taxes, must be paid prior to the installation of such equipment unless otherwise agreed to by the Company. Such equipment will be maintained by the Company and will remain the sole property of the Company. The Company may remove such equipment when service hereunder is terminated.

The customer may be required to provide and maintain, at no cost to Company: A 120 volt, 15 ampere, AC power supply, and an acceptable telephone service available at customer's meter location(s). The services listed above shall be continuous, accessible to the Company, and be provided by the customer at no cost to the Company. Enhancements and/or modifications to these services may be required to ensure equipment

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director- Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
1st Revised Sheet No. 5-47
Canceling Original Sheet No. 5-47

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate N71 North District

functionality. Such enhancements or modifications shall be completed at the direction of the Company with all associated costs the customer's responsibility. Any interruption in such services must be promptly remedied or service under this tariff will be suspended until satisfactory corrections have been made.

Consultation between the customer and the Company regarding telemetering requirements shall occur prior to execution of the required service agreement. The telemetering requirement will be determined at the sole discretion of the Company based on customer requirements and location.

The Company reserves the right to charge for each service call to investigate, repair, reprogram or reinstall the Company's telemetering equipment when the service call is the result of a failure or change in communication or power source services described above or damage to Company's equipment.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director- Regulatory Affairs

Docket No.:



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

**State of Minnesota
 Gas Rate Schedule – MNPUC Volume 2**

Section No. 5
 6th Revised Sheet No. 5-51
 Canceling 5th Revised Sheet No. 5-51

**INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82
 North District**

Distribution Charge:

Rate N81	\$1.2294 per dk
Rate N82	\$1.2193 per dk

Revenue Decoupling Mechanism:

All customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted, and customers served under a flexible distribution rate agreement 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Flexible Distribution Charge per dk:

Rate N82	Company and customer will agree to a price between \$0.0320 and \$2.4066 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 automatically 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.

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
 Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
4th Revised Sheet No. 5-52
Canceling 3rd Revised Sheet No. 5-52

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82 North District

Conditions of Service:

1. **CRITERIA FOR SERVICE** – In order to receive the service, customer must qualify under one of the Company's applicable natural gas transportation service rates and comply with the general terms and conditions of service provided herein. The customer is responsible for making all arrangements for transporting the gas from its source to the Company's interconnection with the delivering pipeline(s).
2. **REQUEST FOR GAS TRANSPORTATION SERVICE:**
 - (a) To qualify for gas transportation service, a customer must request the service pursuant to the provisions set forth herein. The service shall be provided only to the extent that the Company's existing operating capacity permits in accordance with the provisions of the General Terms and Conditions.
 - (b) Customer must be able to satisfy Company of customer's ability and willingness to discontinue the use of said gas during periods of curtailment or interruption by the use of standby facilities or suffering plant shutdown. Service under this rate schedule is subject to curtailment or interruption before curtailment or interruption of service under any other rate schedule serving this class of customer in accordance with the provisions of the General Terms and Conditions, Section 6, Paragraph V.17.
 - (c) The gas supplied under this schedule will be separately metered and not used interchangeably with gas supplied under any other rate schedules.
3. **PRIORITY OF SERVICE** – Company shall have the right to curtail or interrupt deliveries without being required to give previous notice of intention to curtail or interrupt, whenever, in its judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with General Terms and Conditions, §V. Paragraph 17.
4. **PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT** – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by Company, any gas taken above that received on customer's behalf, shall be billed at the Firm General Service Rate N70, (distribution delivery charge and cost of gas), plus either an amount equal to any penalty payments or overrun charges the

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
4th Revised Sheet No. 5-53
Canceling 3rd Revised Sheet No. 5-53

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82 North District

Company is required to make to its interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The Company, in its discretion, may shut off customer's supply of gas in the event of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.

- 5. DAILY IMBALANCE – To the extent practicable, customer and Company agree to the daily balancing of volumes of gas received and delivered on a thermal basis. Such balancing is subject to the customer's request and the Company's discretion to vary scheduled receipts and deliveries within existing Company operating limitations
 - (a) In the event that the deviation between scheduled daily volumes and actual daily volumes of gas used by customer causes the Company to incur any additional costs from interconnecting pipeline(s), customer shall be solely responsible for all such penalties, fines, fees or costs incurred. If more than one customer has caused the Company to incur these additional costs, all costs will be prorated to each customer based on the customer's over- or under-take as a percentage of the total.

- 6. MONTHLY IMBALANCE – The customer's monthly imbalance is the difference between the amount of gas received by Company on customer's behalf and the customer's actual metered use, plus the lost and unaccounted for factor. Monthly imbalances will not be carried forward to the next calendar month.
 - (a) Undertake Purchase Payment – If the monthly imbalance is due to more gas delivered on customer's behalf than the actual volumes used, Company shall pay customer an Undertake Purchase Payment in accordance with the following schedule:

% Monthly Imbalance	Undertake Purchase Rate
0 – 5%	100% Cash-out Mechanism
> 5 – 10%	85% Cash-out Mechanism
> 10 – 15%	70% Cash-out Mechanism
> 15 – 20%	60% Cash-out Mechanism

Date Filed:	December 21, 2016	Effective Date:	
Issued By:	Tamie A. Aberle Director – Regulatory Affairs	Docket No.:	



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
4th Revised Sheet No. 5-54
Canceling 3rd Revised Sheet No. 5-54

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82 North District

> 20% 50% Cash-out Mechanism

Where the Cash-out Mechanism is equal to the lesser of the Company's WACOG or the Index Price, as defined in Paragraph 5(c).

- (b) Overtake Charge – If the monthly imbalance is due to more gas actually used by the customer than volumes delivered on their behalf, Customer shall pay Company an Overtake Charge in accordance with the following schedule:

% Monthly Imbalance	Overtake Charge Rate
0 – 5%	100% Cash-in Mechanism
> 5 – 10%	115% Cash-in Mechanism
> 10 – 15%	130% Cash-in Mechanism
> 15 – 20%	140% Cash-in Mechanism
> 20%	150% Cash-in Mechanism

Where the Cash-in Mechanism is equal to the greater of the Company's WACOG or the Index Price, as defined in Paragraph 5(c).

- (c) The Index Price shall be the arithmetic average of the "Weekly Weighted Average Prices" published by Gas Daily for Emerson, Manitoba during the given month. The Company's WACOG (Weighted Average Cost of Gas) includes the commodity cost of gas and applicable transportation charges including the fuel cost of transportation.

7. METERING REQUIREMENTS:

- (a) Remote data acquisition equipment if required by Company for daily measurement will be purchased and installed by the Company prior to the initiation of service hereunder. The cost of the equipment and its installation shall be paid for by the customer. Such contribution in aid, as adjusted for federal and state income taxes, shall be paid prior to the installation of such equipment unless otherwise agreed to by the Company. Such equipment will be maintained by the Company and will remain the sole property of the Company. Company may remove such equipment when service hereunder is terminated.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
4th Revised Sheet No. 5-55
Canceling 3rd Revised Sheet No. 5-55

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82 North District

- (b) The customer may be required to provide and maintain, at no cost to Company, a 120 volt, 15 ampere, AC power supply or other power source acceptable to the Company and acceptable telephone service at customer's meter location(s). Customer agrees to provide and maintain, at no cost to the Company, any necessary telephone enhancements to assure Company of a quality telephone signal necessary to properly transmit data. The customer shall pay all charges for continuous electric and telephone service associated with the Company's connection of the remote data acquisition equipment, and any interruption in such services must be promptly remedied or service under this tariff will be suspended until satisfactory corrections have been made.
- (c) The Company reserves the right to charge for each service call to investigate, repair, reprogram or reinstall the Company's telemetering equipment when the service call is the result of a failure or change in communication or power source services described above or damage to Company's equipment.
8. DAILY NOMINATION REQUIREMENTS:
- (a) Customer or customer's shipper or agent shall advise Company's gas nominations center, by 9:00 a.m. Central Clock Time, of the dk requirements customer has requested to be delivered at each delivery point the following day. Customer's daily nomination shall be its best estimate of the expected utilization for the gas day. Unless other arrangements are made, customer will be required to nominate for the non-business days involved prior to weekends and holidays.
- (b) All nominations should include shipper and/or agent defined begin and end dates. Shippers and/or agents may nominate for periods longer than 1 day, provided the nomination begin and end dates are within the term of the service agreement.
- (c) The Company has the sole right to refuse receipt of any volumes which exceed the maximum daily contract quantity and at no time shall the Company be required to accept quantities of gas for a customer in excess of the quantities of gas to be delivered to customer. If total nominated

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
3rd Revised Sheet No. 5-56
Canceling 2nd Revised Sheet No. 5-56

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82 North District

receipts exceed total deliveries at receipt points where more than one customer is receiving service, nominations will be allocated on a pro rata basis.

- (d) At no time shall Company have the responsibility to deliver gas in excess of customer's nomination.
- (e) In the event that more than one customer is receiving gas from the same shipper and/or agent at the same receipt point, any reduction in nominated volumes will be allocated on a pro rata basis, unless Company and shipper(s) and/or agent(s) have agreed to a predetermined allocation procedure.

- 9. 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).
- 10. WARRANTY – The customer, customer's agent, or customer's shipper warrants that it will have title to all gas it tenders or causes to be tendered to the Company, and such gas shall be free and clear of all liens and adverse claims and the customer, customer's agent, or customer's shipper shall indemnify the Company against all damages, costs and expense of any nature whatsoever arising from every claim against said gas.
- 11. LATE PAYMENT CHARGE – If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be made if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

5th Revised Sheet No. 5-59

Canceling 4th Revised Sheet No. 5-59

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate N85 North District

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

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 customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted or served under a flexible distribution rate agreement, 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be made if the unpaid balance is \$10.00 or less.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-60

Canceling 3rd Revised Sheet No. 5-60

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate N85 North District

Conditions of Service:

1. PRIORITY OF SERVICE – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on the Company's firm gas service rates. Customers taking service hereunder agree that the Company, without prior notice, shall have the right to curtail or to interrupt whenever, in Company's sole judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with the provisions of the General Terms and Conditions, Section 6, Paragraph V.17.
2. PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by the Company, any gas taken shall be billed at the Firm General Gas Service Rate N70 (distribution delivery charge and cost of gas), plus either an amount equal to any penalty payment(s) or overrun charges the Company is required to pay to interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The Company, in its discretion, may shut off customer's supply of gas in the event of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.
3. AGREEMENT – Customer will be required to enter into an agreement for service hereunder for a minimum term of 12 months. Written notice of termination by either Company or customer must be given at least 60 days prior to the end of the initial term. Absent such termination notice, the agreement shall continue for additional terms of equal length until written notice is given, as provided herein, prior to the end of any subsequent term. Upon expiration of service, the customer may apply for and receive, at the sole discretion of the Company, gas service under this rate or another appropriate rate schedule for the customer's operations.
4. OBLIGATION TO NOTIFY COMPANY OF CHANGE IN DAILY OPERATIONS – Customer will be required as specified in the service agreement to notify Company of an anticipated change in daily operations. Failure to comply with requirements specified in the service agreement may result in the assessment of penalties to the customer equal to any charges Company must pay to the interconnecting pipeline caused by customer's action.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
6th Revised Sheet No. 5-71
Canceling 5th Revised Sheet No. 5-71

RESIDENTIAL GAS SERVICE Rate S60 South District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid 22 days from the current billing date. The next billing date must not be less than 25 days from the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

5th Revised Sheet No. 5-73

Canceling 4th Revised Sheet No. 5-73

FIRM GENERAL SERVICE Rate S70 South District

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.

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

5th Revised Sheet No. 5-75

Canceling 4th Revised Sheet No. 5-75

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate S71 South District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

Conditions of Service:

1. PRIORITY OF SERVICE – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on firm gas service rates. Customers taking service hereunder agree that the Company, without prior notice, shall have the right to curtail or interrupt such service, in Company's sole judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with the General Terms and Conditions of Service, Section 6, Paragraph V.17.
2. PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by the Company, any gas taken shall be billed at the Firm General Gas Service Rate S70(distribution delivery charge and cost of gas), plus either an amount equal to any charges the Company is required to pay to interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The Company, in its discretion, may shut off customer's supply of gas in the

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

3rd Revised Sheet No. 5-76

Canceling 2nd Revised Sheet No. 5-76

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate S71 South District

event of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.

3. **AGREEMENT** – Customer will be required to enter into an agreement for service hereunder for a minimum term of 12 months. Written notice of termination by either Company or customer must be given at least 60 days prior to the end of the initial term. Absent such termination notice, the agreement shall continue for additional terms of equal length until written notice is given, as provided herein, prior to the end of any subsequent term. Upon expiration of service, the customer may apply for and receive, at the sole discretion of the Company, gas service under this rate or another appropriate rate schedule for the customer's operations.
4. **OBLIGATION TO NOTIFY COMPANY OF CHANGE IN DAILY OPERATIONS** – Customer will be required as specified in the service agreement to notify Company of an anticipated change in daily operations. Failure to comply with requirements specified in the service agreement may result in the assessment of penalties to the customer equal to the penalty amount the Company must pay to the interconnecting pipeline caused by customer's action.
5. **METERING REQUIREMENTS** – Remote data acquisition equipment (telemetry equipment) if required for daily measurement will be purchased and installed by the Company, prior to the initiation of service hereunder. The cost of the equipment and its installation shall be paid for by the customer. Such contribution in aid, as adjusted for federal and state income taxes, must be paid prior to the installation of such equipment unless otherwise agreed to by the Company. Such equipment will be maintained by the Company and will remain the sole property of the Company. The Company may remove such equipment when service hereunder is terminated.

The customer may be required to provide and maintain, at no cost to Company: A 120 volt, 15 ampere, AC power supply, and an acceptable telephone service available at customer's meter location(s). The services listed above shall be continuous, accessible to the Company, and be provided by the customer at no cost to the Company. Enhancements and/or modifications to these services may be required to ensure equipment functionality. Such enhancements or modifications shall be completed at the direction of the Company with all associated costs the customer's

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
1st Revised Sheet No. 5-77
Canceling Original Sheet No. 5-77

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate S71 South District

responsibility. Any interruption in such services must be promptly remedied or service under this tariff will be suspended until satisfactory corrections have been made.

Consultation between the customer and the Company regarding telemetering requirements shall occur prior to execution of the required service agreement. The telemetering requirement will be determined at the sole discretion of the Company based on customer requirements and location.

The Company reserves the right to charge for each service call to investigate, repair, reprogram, or reinstall the Company's telemetering equipment when the service call is the result of a failure or change in communication or power source services described above or damage to Company's equipment.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



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

State of Minnesota
Gas Rate Schedule – MNPUC Volume 2

Section No. 5
5th Revised Sheet No. 5-81
Canceling 4th Revised Sheet No. 5-81

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates S81 and S82
South District

Rate S82 \$260.00 per month

Distribution Charge:

Rate S81 \$1.1951 per dk
Rate S82 \$0.4365 per dk

Revenue Decoupling Mechanism:

All customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted, and customers served under a flexible distribution rate agreement 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Flexible Distribution Charge per dk:

Rate S82 Company and customer will agree to a price between \$0.0320 and \$0.8396 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.

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-82

Canceling 3rd Revised Sheet No. 5-82

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates S81 and S82 South District

Conditions of Service:

1. **CRITERIA FOR SERVICE** – In order to receive the service, customer must qualify under one of the Company's applicable natural gas transportation service rates and comply with the general terms and conditions of service provided herein. The customer is responsible for making all arrangements for transporting the gas from its source to the Company's interconnection with the delivering pipeline(s).
2. **REQUEST FOR GAS TRANSPORTATION SERVICE:**
 - (a) To qualify for gas transportation service, a customer must request the service pursuant to the provisions set forth herein. The service shall be provided only to the extent that the Company's existing operating capacity permits in accordance with the provisions of General Terms and Conditions.
 - (b) Customer must be able to satisfy Company of customer's ability and willingness to discontinue the use of said gas during periods of curtailment or interruption by the use of standby facilities or suffering plant shutdown. Service under this rate schedule is subject to curtailment or interruption before curtailment or interruption of service under any other rate schedule serving this class of customer in accordance with the provisions of General Terms and Conditions, Section 6, Paragraph V.17.
 - (c) The gas supplied under this schedule will be separately metered and not used interchangeably with gas supplied under any other rate schedules.
3. **PRIORITY OF SERVICE** – Company shall have the right to curtail or interrupt deliveries without being required to give previous notice of intention to curtail or interrupt, whenever, in its judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with General Terms and Conditions, §V. Paragraph 17.
4. **PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT** – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by Company, any gas taken above that received on customer's behalf, shall be billed at the Firm General Service Rate S70, (distribution delivery charge and cost of gas), plus either an amount equal to any penalty payments or overrun charges the

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



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

**State of Minnesota
 Gas Rate Schedule – MNPUC Volume 2**

Section No. 5
 5th Revised Sheet No. 5-83
 Canceling 4th Revised Sheet No. 5-83

**INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates S81 and S82
 South District**

Company is required to make to its the interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The Company, in its discretion, may shut off customer's supply of gas in the event of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.

5. DAILY IMBALANCE – To the extent practicable, customer and Company agree to the daily balancing of volumes of gas received and delivered on a thermal basis. Such balancing is subject to the customer's request and the Company's discretion to vary scheduled receipts and deliveries within existing Company operating limitations.
 - (a) In the event that the deviation between scheduled daily volumes and actual daily volumes of gas used by customer causes the Company to incur any additional costs from interconnecting pipeline(s), customer shall be solely responsible for all such penalties, fines, fees or costs incurred. If more than one customer has caused the Company to incur these additional costs, all costs will be prorated to each customer based on the customer's over- or under-take as a percentage of the total.

6. MONTHLY IMBALANCE – The customer's monthly imbalance is the difference between the amount of gas received by Company on customer's behalf and the customer's actual metered use, plus the lost and unaccounted for factor. Monthly imbalances will not be carried forward to the next calendar month.
 - (a) Undertake Purchase Payment – If the monthly imbalance is due to more gas delivered on customer's behalf than the actual volumes used, Company shall pay customer an Undertake Purchase Payment in accordance with the following schedule:

% Monthly Imbalance	Undertake Purchase Rate
0% – 3%	100% Cash-out Mechanism
> 3% and <= 5%	98% Cash-out Mechanism
> 5% and <= 10%	90% Cash-out Mechanism
> 10% and <= 15%	80% Cash-out Mechanism
> 15% and <= 20%	70% Cash-out Mechanism

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
 Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

5th Revised Sheet No. 5-84

Canceling 4th Revised Sheet No. 5-84

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates S81 and S82 South District

>20% 60% Cash-out Mechanism

Where the Cash-out Mechanism is equal to the lesser of the Company's WACOG or the Index Price, as defined in Paragraph 5(c).

- (b) Overtake Charge – If the monthly imbalance is due to more gas actually used by the customer than volumes delivered on their behalf, Customer shall pay Company an Overtake Charge in accordance with the following schedule:

% Monthly Imbalance	Overtake Charge Rate
0% – 3%	100% Cash-in Mechanism
> 3% and <= 5%	102% Cash-in Mechanism
> 5% and <= 10%	110% Cash-in Mechanism
> 10% and <= 15%	120% Cash-in Mechanism
> 15% and <= 20%	130% Cash-in Mechanism
>20%	140% Cash-in Mechanism

Where the Cash-in Mechanism is equal to the greater of the Company's WACOG or the Index Price, as defined in Paragraph 5(c).

- (c) The Index price shall be the arithmetic average of the five average weekly prices at Northern-Damarcation and Northern-Ventura as published in the Gas Daily "Daily Price Surveys" during the given month. The Company's WACOG (Weighted Average Cost of Gas) includes the commodity cost of gas and applicable transportation charges including the fuel cost of transportation.

7. METERING REQUIREMENTS:

- (a) Remote data acquisition equipment if required by Company for daily measurement will be purchased and installed by the Company prior to the initiation of service hereunder. The cost of the equipment and its installation shall be paid for by the customer. Such contribution in aid, as adjusted for federal and state income taxes, shall be paid prior to the installation of such equipment unless otherwise agreed to by the Company. Such equipment will be maintained by the Company and will remain the sole property of the Company. Company may remove such equipment when service hereunder is terminated.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



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

**State of Minnesota
Gas Rate Schedule – MNPUC Volume 2**

Section No. 5
6th Revised Sheet No. 5-88
Canceling 5th Revised Sheet No. 5-88

**LARGE INTERRUPTIBLE GAS SALES SERVICE Rate S85
South District**

Availability:

Service under this rate schedule is available to any interruptible general gas service customer located in Great Plains' Minnesota South District Service Area (Belview, Boyd, Clarkfield, Danube, Dawson, Echo, Granite Falls, Marshall, Montevideo, Redwood Falls, Renville, Sacred Heart, and Wood Lake), 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: \$0.4365 per dk
Base Cost of Gas: \$2.9230 per dk

Flexible Distribution Charge per dk:

Company and customer will agree to a price between \$0.0560 and \$0.8156 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

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



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

State of Minnesota
Gas Rate Schedule – MNPUC Volume 2

Section No. 5
5th Revised Sheet No. 5-89
Canceling 4th Revised Sheet No. 5-89

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate S85
South District

customer uses gas from a supplier not regulated by the Commission.

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

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. 5-92).

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 customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted or served under a flexible distribution rate agreement, 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be made if the unpaid balance is \$10.00 or less.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-90

Canceling 3rd Revised Sheet No. 5-90

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate S85 South District

Conditions of Service:

1. **PRIORITY OF SERVICE** – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on the Company's firm gas service rates. Customers taking service hereunder agree that the Company, without prior notice, shall have the right to curtail or to interrupt whenever, in Company's sole judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with the provisions of General Terms and Conditions, Section 6, Paragraph V.17.
2. **PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT** – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by the Company, any gas taken shall be billed at the Firm General Gas Service Rate S70 (distribution delivery charge and cost of gas), plus either an amount equal to any penalty payment(s) or overrun charges the Company is required to pay to interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The Company, in its discretion, may shut off customer's supply of gas in the event of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.
3. **AGREEMENT** – Customer will be required to enter into an agreement for service hereunder for a minimum term of 12 months. Written notice of termination by either Company or customer must be given at least 60 days prior to the end of the initial term. Absent such termination notice, the agreement shall continue for additional terms of equal length until written notice is given, as provided herein, prior to the end of any subsequent term. Upon expiration of service, the customer may apply for and receive, at the sole discretion of the Company, gas service under this rate or another appropriate rate schedule for the customer's operations.
4. **OBLIGATION TO NOTIFY COMPANY OF CHANGE IN DAILY OPERATIONS** – Customer will be required as specified in the service agreement to notify Company of an anticipated change in daily operations. Failure to comply with requirements specified in the service agreement may result in the assessment of penalties to the customer equal to any charges Company must pay to the interconnecting pipeline caused by customer's action.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-91

Canceling 3rd Revised Sheet No. 5-91

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate S85 South District

5. **METERING REQUIREMENTS** – Remote data acquisition equipment (telemetry equipment) if required for daily measurement will be installed by the Company, prior to the initiation of service hereunder.

The cost of the equipment and its installation shall be paid for by the customer. Such contribution in aid, as adjusted for federal and state income taxes, must be paid prior to the installation of such equipment unless otherwise agreed to by the Company. Such equipment will be maintained by the Company and will remain the sole property of the Company. Company may remove such equipment when service hereunder is terminated.

The customer shall be required to provide and maintain, at no cost to Company the following: A 120 volt, 15 ampere, AC power supply; and an acceptable telephone service available at customer's meter location(s). The services listed above shall be continuous, accessible to the Company, and be provided by the Customer at no cost to the Company. Enhancements and/or modifications to these services maybe require to ensure equipment functionality. Such enhancements or modifications shall be completed at the direction of the Company with all associated costs the customer's responsibility.

Any interruption in such services must be promptly remedied or service under this tariff will be suspended until satisfactory corrections have been made.

Consultation between the customer and the Company regarding telemetry requirements shall occur prior to execution of the required service agreement. The telemetry requirement will be determined at the sole discretion of the Company based on customer requirements and location.

The Company reserves the right to charge for each service call to investigate, repair, reprogram, or reinstall the Company's telemetry equipment when the service call is the result of a failure or change in communication or power source services described above or damage to Company's equipment.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
Original Sheet No. 5-130

GAS UTILITY INFRASTRUCTURE COST ADJUSTMENT

Applicability:

This rate schedule constitutes provision to recover the costs of investment and associated expenses for the replacement of natural gas distribution facilities required to comply with state and federal pipeline safety programs. It specifies the procedure to be utilized to adjust the rates for natural gas sold or transported under Great Plains' rate schedules in order to reflect: (a) the projected revenue requirement for the period the adjustment will be in effect and (b) a true-up of the prior year adjustment.

Effective Date

The effective dates of the Gas Utility Infrastructure Cost Adjustment (GUIC) shall be service rendered on and after May 1 each year with a filing date 150 days before the proposed effective date.

Adjustment:

1. The Projected Revenue Requirement shall include:
 - a. The return on investment on the rate base reflecting the eligible projects shall be based on the twelve month average of the projected investment and the authorized rate of return authorized in the most recent general rate case, unless otherwise determined by the Commission.
 - b. The operation and maintenance, depreciation expense and ad valorem tax expense associated with the eligible projects.
 - c. The revenue requirement shall be apportioned to each rate class based on the authorized non-gas costs (margin) apportionment.
 - d. The revenue requirement for each rate class shall be divided by projected annual dk sales and transportation volumes to derive a cost per dk for each rate class.
2. The true-up
 - a. For each annual period ending October 31 a true-up will be calculated for each rate class and will be applied effective with the change in the GUIC. This adjustment shall include:
 1. The balance in the (over) under recovered gas cost account as of October 31.
 2. The difference between the revenue requirement based on actual project costs and recovered costs for each customer class for the

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
Original Sheet No. 5-131

GAS UTILITY INFRASTRUCTURE COST ADJUSTMENT

twelve months ending October 31. The amount may be an under recovery or (over) recovery.

- b. The resulting balance is divided by the projected annual dk sales and transportation volumes.
3. The current GUIC adjustment for each rate class is:

	Adjustment Per Dk
<u>Sales</u>	
Residential	\$0.1485
Firm General	0.1117
Small Interruptible	0.0861
Large Interruptible	0.0632
 <u>Transportation</u>	
Small Interruptible	0.0657
Large Interruptible	0.0315

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:

Tariffs Reflecting Proposed Changes



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 1
6th Revised Sheet No. 1-2
Canceling 5th Revised Sheet No. 1-2

TABLE OF CONTENTS

<u>Section No.</u>	<u>Subject</u>	<u>Sheet No.</u>
	Purchased Gas Cost Adjustment Reserved for Future Use	5-97 5-98 thru 5-109
	Conservation Improvement Program Adjustment Clause Reserved for Future Use	5-110 5-111 thru 5-114
	Franchise Fee Rider Reserved for Future Use	5-115 5-116 thru 5-119
	Gas Affordability Program	5-120
	Revenue Decoupling Mechanism	5-125
	<u>Gas Utility Infrastructure Cost Adjustment</u>	<u>5-130</u>
6	General Terms and Conditions	6-1
7	Contract and Agreement Forms	
	Application for Service Line/Additional Meter Firm Natural Gas Service	7-1
	Application for Service Line/Additional Meter Interruptible Natural Gas Service	7-2
	Consumer Bill	7-3 thru 7-3.1
	Disconnection Notice	7-4
	Disconnection Notice Residential Heat Customers (Cold Weather Rule)	7-5
	Request for Interruptible Natural Gas Service	7-6
	Interruptible Gas Sales Service Agreement	7-7
	Interruptible Gas Sales Service Agreement – Exhibit “A”	7-8
	Gas Transportation Agreement	7-9
	Gas Transportation Agreement – Exhibit “A”	7-10
	Gas Transportation Agreement – Exhibit “B”	7-11
	Firm Gas Service Extension Agreement	7-12

Date Filed:	September 22, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director - Regulatory Affairs	Docket No.:	G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

5th Revised Sheet No. 5-41

Canceling 4th Revised Sheet No. 5-41

RESIDENTIAL GAS SERVICE Rate N60 North District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to reflect decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid 22 days from the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: September 22, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
3rd Revised Sheet No. 5-43
Canceling 2nd Revised Sheet No. 5-43

FIRM GENERAL SERVICE Rate N70 North District

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.

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed:	September 22, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director – Regulatory Affairs	Docket No.:	G004/GR-15-879



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

State of Minnesota
Gas Rate Schedule – MNPUC Volume 2

Section No. 5
3rd Revised Sheet No. 5-45
Canceling 2nd Revised Sheet No. 5-45

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate N71
North District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to reflect decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

Conditions of Service:

1. **PRIORITY OF SERVICE** – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on firm gas service rates. Customers taking service hereunder agree that the Company, without prior notice, shall have the right to curtail or interrupt such service, in Company's sole judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with the provisions of General Terms and Conditions, Section 6, Paragraph V.17.
2. **PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT** – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by the Company, any gas taken shall be billed at the Firm General Gas Service Rate N70 (distribution delivery charge and cost of gas), plus either an amount equal to any charges the Company is required to pay to interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The Company, in its discretion, may shut off customer's supply of gas in the event

Date Filed:	September 22, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director- Regulatory Affairs	Docket No.:	G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
3rd Revised Sheet No. 5-45
Canceling 2nd Revised Sheet No. 5-45

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate N71 North District

of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.

3. AGREEMENT – Customer will be required to enter into an agreement for service hereunder for a minimum term of 12 months. Written notice of

Date Filed: September 22, 2016

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

Issued By: Tamie A. Aberle
Director- Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
5th Revised Sheet No. 5-51
Canceling 4th Revised Sheet No. 5-51

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82 North District

Distribution Charge:

Rate N81 \$1.2294 per dk
Rate N82 \$1.2193 per dk

Revenue Decoupling Mechanism:

All customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted, and customers served under a flexible distribution rate agreement 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Flexible Distribution Charge per dk:

Rate N82 Company and customer will agree to a price between \$0.0320 and \$2.4066 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 automatically 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.

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

Date Filed:	December 16, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director – Regulatory Affairs	Docket No.:	G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
5th Revised Sheet No. 5-51
Canceling 4th Revised Sheet No. 5-51

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates N81 and N82 North District

Conditions of Service:

1. CRITERIA FOR SERVICE – In order to receive the service, customer must qualify under one of the Company's applicable natural gas transportation service rates and comply with the general terms and conditions of service provided herein. The customer is responsible for making all arrangements for transporting the gas from its source to the Company's interconnection with the delivering pipeline(s).

Date Filed:	December 16, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director – Regulatory Affairs	Docket No.:	G004/GR-15-879



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

**State of Minnesota
 Gas Rate Schedule – MNPUC Volume 2**

Section No. 5
 4th Revised Sheet No. 5-59
 Canceling 3rd Revised Sheet No. 5-59

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

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

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 customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted or served under a flexible distribution rate agreement, 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be made if the unpaid balance is \$10.00 or less.

Date Filed:	September 22, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director – Regulatory Affairs	Docket No.:	G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-59

Canceling 3rd Revised Sheet No. 5-59

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate N85 North District

Conditions of Service:

1. PRIORITY OF SERVICE – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on the Company's firm gas service rates. Customers taking service hereunder agree that the Company, without prior notice, shall have the right to curtail or to

Date Filed: September 22, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
5th Revised Sheet No. 5-71
Canceling 4th Revised Sheet No. 5-71

RESIDENTIAL GAS SERVICE Rate S60 South District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid 22 days from the current billing date. The next billing date must not be less than 25 days from the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: September 22, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
4th Revised Sheet No. 5-73
Canceling 3rd Revised Sheet No. 5-73

FIRM GENERAL SERVICE Rate S70 South District

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.

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

General Terms and Conditions:

The General Terms and Conditions contained in this tariff shall apply to this rate schedule.

Date Filed: September 22, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-75

Canceling 3rd Revised Sheet No. 5-75

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate S71 South District

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.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be assessed if the unpaid balance is \$10.00 or less.

Conditions of Service:

1. PRIORITY OF SERVICE – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on firm gas service rates. Customers taking service hereunder agree that the Company, without prior notice, shall have the right to curtail or interrupt such service, in Company's sole judgment, it may be necessary to do so to protect the interest of its customers whose capacity requirements are otherwise and hereby given preference. The priority of service and allocation of capacity shall be accomplished in accordance with the General Terms and Conditions of Service, Section 6, Paragraph V.17.
2. PENALTY FOR FAILURE TO CURTAIL OR INTERRUPT – If customer fails to curtail or interrupt their use of gas hereunder when requested to do so by the Company, any gas taken shall be billed at the Firm General Gas Service Rate S70(distribution delivery charge and cost of gas), plus either an amount equal to any charges the Company is required to pay to interconnecting pipeline(s) under the terms of its contract(s) as a result of such failure to curtail or interrupt, or \$50.00 per dk of gas used in excess of the volume of gas to which customer was requested to curtail or interrupt, whichever amount is greater. The Company, in its discretion, may shut off customer's supply of gas in the

Date Filed: September 22, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
4th Revised Sheet No. 5-75
Canceling 3rd Revised Sheet No. 5-75

SMALL INTERRUPTIBLE GAS SALES SERVICE Rate S71 South District

event of customer's failure to curtail or interrupt use of gas when requested to do so by the Company.

3. **AGREEMENT** – Customer will be required to enter into an agreement for service hereunder for a minimum term of 12 months. Written notice of

Date Filed:	September 22, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director – Regulatory Affairs	Docket No.:	G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-81

Canceling 3rd Revised Sheet No. 5-81

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates S81 and S82 South District

Rate S82 \$260.00 per month

Distribution Charge:

Rate S81 \$1.1951 per dk

Rate S82 \$0.4365 per dk

Revenue Decoupling Mechanism:

All customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted, and customers served under a flexible distribution rate agreement 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Flexible Distribution Charge per dk:

Rate S82 Company and customer will agree to a price between \$0.0320 and \$0.8396 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.

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

Date Filed: December 16, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-81

Canceling 3rd Revised Sheet No. 5-81

INTERRUPTIBLE GAS TRANSPORTATION SERVICE Rates S81 and S82 **South District**

Conditions of Service:

1. **CRITERIA FOR SERVICE** – In order to receive the service, customer must qualify under one of the Company's applicable natural gas transportation service rates and comply with the general terms and conditions of service

Date Filed: December 16, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5

4th Revised Sheet No. 5-89

Canceling 3rd Revised Sheet No. 5-89

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate S85 South District

supply/service from a supplier not regulated by the Commission or (2) the customer uses gas from a supplier not regulated by the Commission.

If Company and customer cannot agree to a flexible rate and customer continues to use gas, customer shall be charged the maximum allowable flexible rate, plus all other applicable charges.

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. 5-92).

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 customers billed under this rate schedule, with the exception of customers deemed to be CIP exempted or served under a flexible distribution rate agreement, 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. Customers served under a flexible distribution rate agreement are excluded from this provision.

Measurement Unit for Billing Purposes:

Customer's metered consumption will be adjusted to decatherms in accordance with the General Terms and Conditions, Section 6, Paragraph V.12.

Late Payment Charge:

If the unpaid balance is in excess of \$10.00, a late payment charge of 1.5% of the unpaid balance or \$1.00, whichever is greater, shall be added to the unpaid

Date Filed: September 22, 2016

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

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.: G004/GR-15-879



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

State of Minnesota
Gas Rate Schedule – MNPUC Volume 2

Section No. 5
4th Revised Sheet No. 5-89
Canceling 3rd Revised Sheet No. 5-89

LARGE INTERRUPTIBLE GAS SALES SERVICE Rate S85
South District

balance if the bill is not paid within 22 days of the current billing date. No late payment charge will be made if the unpaid balance is \$10.00 or less.

Conditions of Service:

1. **PRIORITY OF SERVICE** – Deliveries of gas under this schedule shall be subject at all times to the prior demands of customers served on the Company's firm gas

Date Filed:	September 22, 2016	Effective Date:	Service rendered on and after January 1, 2017
Issued By:	Tamie A. Aberle Director – Regulatory Affairs	Docket No.:	G004/GR-15-879



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
Original Sheet No. 5-130

GAS UTILITY INFRASTRUCTURE COST ADJUSTMENT

Applicability:

This rate schedule constitutes provision to recover the costs of investment and associated expenses for the replacement of natural gas distribution facilities required to comply with state and federal pipeline safety programs. It specifies the procedure to be utilized to adjust the rates for natural gas sold or transported under Great Plains' rate schedules in order to reflect: (a) the projected revenue requirement for the period the adjustment will be in effect and (b) a true-up of the prior year adjustment.

Effective Date

The effective dates of the Gas Utility Infrastructure Cost Adjustment (GUIC) shall be service rendered on and after May 1 each year with a filing date 150 days before the proposed effective date.

Adjustment:

1. The Projected Revenue Requirement shall include:
 - a. The return on investment on the rate base reflecting the eligible projects shall be based on the twelve month average of the projected investment and the authorized rate of return authorized in the most recent general rate case, unless otherwise determined by the Commission.
 - b. The operation and maintenance, depreciation expense and ad valorem tax expense associated with the eligible projects.
 - c. The revenue requirement shall be apportioned to each rate class based on the authorized non-gas costs (margin) apportionment.
 - d. The revenue requirement for each rate class shall be divided by projected annual dk sales and transportation volumes to derive a cost per dk for each rate class.
2. The true-up
 - a. For each annual period ending October 31 a true-up will be calculated for each rate class and will be applied effective with the change in the GUIC. This adjustment shall include:
 1. The balance in the (over) under recovered gas cost account as of October 31.
 2. The difference between the revenue requirement based on actual project costs and recovered costs for each customer class for the

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:



GREAT PLAINS NATURAL GAS CO.

A Division of MDU Resources Group, Inc.

State of Minnesota Gas Rate Schedule – MNPUC Volume 2

Section No. 5
Original Sheet No. 5-131

GAS UTILITY INFRASTRUCTURE COST ADJUSTMENT

twelve months ending October 31. The amount may be an under recovery or (over) recovery.

b. The resulting balance is divided by the projected annual dk sales and transportation volumes.

3. The current GUIC adjustment for each rate class is:

	<u>Adjustment</u> <u>Per Dk</u>
<u>Sales</u>	
<u>Residential</u>	<u>\$0.1485</u>
<u>Firm General</u>	<u>0.1117</u>
<u>Small Interruptible</u>	<u>0.0861</u>
<u>Large Interruptible</u>	<u>0.0632</u>
<u>Transportation</u>	
<u>Small Interruptible</u>	<u>0.0657</u>
<u>Large Interruptible</u>	<u>0.0315</u>

Date Filed: December 21, 2016

Effective Date:

Issued By: Tamie A. Aberle
Director – Regulatory Affairs

Docket No.:

**GREAT PLAINS NATURAL GAS CO.
GUIC REVENUE REQUIREMENT
PROJECTED 2017**

	<u>Total</u>	<u>Mains</u>	<u>Services</u>
O&M	\$0	\$0	\$0
Depreciation Expense	101,835	41,631	60,204
Ad valorem taxes	63,871	31,906	31,965
Return	194,587	95,023	99,564
Income Taxes	95,993	43,822	52,171
Total	<u>\$456,286</u>	<u>\$212,382</u>	<u>\$243,904</u>

**GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS- MAINS
2017 REVENUE REQUIREMENT**

	2017												
	Average	January	February	March	April	May	June	July	August	September	October	November	December
Plant in Service 1/	\$1,392,477	\$1,038,400	\$1,038,400	\$1,038,400	\$1,237,855	\$1,237,855	\$1,237,855	\$1,237,855	\$1,657,262	\$1,657,262	\$1,657,262	\$1,657,262	\$2,014,052
Accumulated Reserve	25,037	7,564	10,151	12,738	15,822	18,906	21,990	25,074	29,203	33,332	37,461	41,590	46,608
ADIT 2/	16,166	8,722	10,749	12,572	14,196	15,616	16,837	17,854	18,666	19,280	19,689	19,901	19,907
Rate Base	\$1,351,274	\$1,022,114	\$1,017,500	\$1,013,090	\$1,207,837	\$1,203,333	\$1,199,028	\$1,194,927	\$1,609,393	\$1,604,650	\$1,600,112	\$1,595,771	\$1,947,537
Return @ 7.032% 3/	\$95,023	\$5,990	\$5,963	\$5,937	\$7,078	\$7,052	\$7,026	\$7,002	\$9,431	\$9,403	\$9,377	\$9,351	\$11,413
	Total												
Expenses													
O&M	\$0												
Depreciation	41,631	2,587	2,587	2,587	3,084	3,084	3,084	3,084	4,129	4,129	4,129	4,129	5,018
Ad Valorem Taxes	31,906	1,371	1,371	1,371	1,634	1,634	1,634	1,634	2,188	2,188	2,188	2,188	12,505
Total Expenses	\$73,537	\$3,958	\$3,958	\$3,958	\$4,718	\$4,718	\$4,718	\$4,718	\$6,317	\$6,317	\$6,317	\$6,317	\$17,523
Income before taxes	(\$73,537)	(\$3,958)	(\$3,958)	(\$3,958)	(\$4,718)	(\$4,718)	(\$4,718)	(\$4,718)	(\$6,317)	(\$6,317)	(\$6,317)	(\$6,317)	(\$17,523)
Interest expense	32,391	2,042	2,032	2,024	2,413	2,404	2,395	2,387	3,215	3,205	3,196	3,188	3,890
	(\$105,928)	(\$6,000)	(\$5,990)	(\$5,982)	(\$7,131)	(\$7,122)	(\$7,113)	(\$7,105)	(\$9,532)	(\$9,522)	(\$9,513)	(\$9,505)	(\$21,413)
Income Taxes	\$43,822	\$2,482	\$2,478	\$2,475	\$2,950	\$2,946	\$2,943	\$2,939	\$3,943	\$3,939	\$3,936	\$3,932	\$8,859
Revenue Requirement	\$212,382	\$12,430	\$12,399	\$12,370	\$14,746	\$14,716	\$14,687	\$14,659	\$19,691	\$19,659	\$19,630	\$19,600	\$37,795

1/ Reflects the 2016 projected expenditures not reflected in projected revenue requirement in Docket No. G004/GR-15-879 and 2017 projects. Actuals through November 2016.

2/ Balances based on monthly proration methodology.

3/ Authorized in Docket No. G004/GR-15-879.

**GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS- SERVICES
2017 REVENUE REQUIREMENT**

	2017												
	Average	January	February	March	April	May	June	July	August	September	October	November	December
Plant in Service 1/	\$1,468,231	\$1,164,763	\$1,164,763	\$1,164,763	\$1,327,941	\$1,327,941	\$1,327,941	\$1,327,941	\$1,698,595	\$1,698,595	\$1,698,595	\$1,698,595	\$2,018,337
Accumulated Reserve	37,870	12,214	16,194	20,174	24,712	29,250	33,788	38,326	44,130	49,934	55,738	61,542	68,438
ADIT 2/	14,511	8,562	10,182	11,639	12,937	14,071	15,048	15,860	16,509	17,000	17,328	17,497	17,502
Rate Base	\$1,415,850	\$1,143,987	\$1,138,387	\$1,132,950	\$1,290,292	\$1,284,620	\$1,279,105	\$1,273,755	\$1,637,956	\$1,631,661	\$1,625,529	\$1,619,556	\$1,932,397
Return @ 7.032% 3/	\$99,564	\$6,704	\$6,671	\$6,639	\$7,561	\$7,528	\$7,496	\$7,464	\$9,598	\$9,562	\$9,526	\$9,491	\$11,324
	<u>Total</u>												
Expenses													
O&M	\$0												
Depreciation	60,204	3,980	3,980	3,980	4,538	4,538	4,538	4,538	5,804	5,804	5,804	5,804	6,896
Ad Valorem Taxes	31,965	1,537	1,537	1,537	1,752	1,752	1,752	1,752	2,242	2,242	2,242	2,242	11,378
Total Expenses	\$92,169	\$5,517	\$5,517	\$5,517	\$6,290	\$6,290	\$6,290	\$6,290	\$8,046	\$8,046	\$8,046	\$8,046	\$18,274
Income before taxes	(\$92,169)	(\$5,517)	(\$5,517)	(\$5,517)	(\$6,290)	(\$6,290)	(\$6,290)	(\$6,290)	(\$8,046)	(\$8,046)	(\$8,046)	(\$8,046)	(\$18,274)
Interest expense	33,937	2,285	2,274	2,263	2,577	2,566	2,555	2,544	3,272	3,259	3,247	3,235	3,860
	(\$126,106)	(\$7,802)	(\$7,791)	(\$7,780)	(\$8,867)	(\$8,856)	(\$8,845)	(\$8,834)	(\$11,318)	(\$11,305)	(\$11,293)	(\$11,281)	(\$22,134)
Income Taxes	\$52,171	\$3,228	\$3,223	\$3,219	\$3,668	\$3,664	\$3,659	\$3,655	\$4,682	\$4,677	\$4,672	\$4,667	\$9,157
Revenue Requirement	\$243,904	\$15,449	\$15,411	\$15,375	\$17,519	\$17,482	\$17,445	\$17,409	\$22,326	\$22,285	\$22,244	\$22,204	\$38,755

1/ Reflects the 2016 projected expenditures not reflected in projected revenue requirement in Docket No. G004/GR-15-879 and 2017 projects. Actuals through November 2016.

2/ Balances based on monthly proration methodology.

3/ Authorized in Docket No. G004/GR-15-879.

**GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS- MAINS
2016**

	2016												
	Total	January	February	March	April	May	June	July	August	September	October	November	December
FP-200800 Replace PVC Main													
Expenditures	\$1,038,400		\$4,061	\$112	\$13,489	\$48,987	\$194,341	\$243,851	\$162,179	\$136,844	\$6,844	\$151,832	\$75,860
Close to Plant (cumulative)	\$1,038,400		\$4,061	\$4,173	4,173	4,173	4,173	4,173	4,173	306,559	307,251	317,039	1,038,400
Depreciation	4,977	0	10	10	10	10	10	10	10	764	766	790	2,587
Accumulated Reserve	4,977	0	10	20	30	40	50	60	70	834	1,600	2,390	4,977
ADIT	\$6,510	1,075	2,060	2,946	3,735	4,425	5,018	5,512	5,907	6,205	6,404	6,507	6,510
Net Plant	\$1,026,913	(\$1,075)	\$1,991	\$1,207	\$408	(\$292)	(\$895)	(\$1,399)	(\$1,804)	\$299,520	\$299,247	\$308,142	\$1,026,913

1/ Not included in the 2016 projected revenue requirement in Docket No. G004/GR-15-879.

Tax Depreciation - 20 yr	\$38,939	\$0	\$152	\$4	\$0	\$0	\$0	\$0	\$0	\$11,339	\$26	\$367	\$27,051
Book Depreciation	4,977	0	10	10	10	10	10	10	10	764	766	790	2,587
Difference	33,962	0	142	(6)	(10)	(10)	(10)	(10)	(10)	10,575	(740)	(423)	24,464
DIT	\$14,052	\$0	\$59	(\$2)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	\$4,375	(\$306)	(\$175)	\$10,121
Balance		0	59	57	53	49	45	41	37	4,412	4,106	3,931	14,052

**GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS-SERVICES
2016**

	2016												
	Total	January	February	March	April	May	June	July	August	September	October	November	December
FP-200823 Replace PVC Services													
Expenditures	\$1,164,763		\$487	\$112	\$3,379	\$19,321	\$207,468	\$162,822	\$231,746	\$252,096	\$45,223	\$181,017	\$61,092
Close to Plant	\$1,164,763		\$487	\$599	599	599	599	608	608	398,912	420,790	421,045	1,164,763
Depreciation	8,234	0	2	2	2	2	2	2	2	1,363	1,438	1,439	3,980
Accumulated Reserve	8,234	0	2	4	6	8	10	12	14	1,377	2,815	4,254	8,234
ADIT	\$6,794	1,122	2,150	3,074	3,898	4,618	5,237	5,753	6,165	6,476	6,684	6,791	6,794
Net Plant	\$1,149,735	(\$1,122)	(\$1,665)	(\$2,479)	(\$3,305)	(\$4,027)	(\$4,648)	(\$5,157)	(\$5,571)	\$391,059	\$411,291	\$410,000	\$1,149,735

1/ Not included in the 2016 projected revenue requirement in Docket No. G004/GR-15-879.

Tax Depreciation - 20 yr	\$43,677	\$0	\$18	\$4	\$0	\$0	\$0	\$0	\$0	\$14,936	\$820	\$10	\$27,889
Book Depreciation	8,234	0	2	2	2	2	2	2	2	1,363	1,438	1,439	3,980
Difference	35,443	0	16	2	(2)	(2)	(2)	(2)	(2)	13,573	(618)	(1,429)	23,909
DIT	\$14,662	\$0	\$7	\$1	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	\$5,615	(\$256)	(\$591)	\$9,891

**GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS- MAINS
2016 ADDITIONS - YEAR 2**

	2016 Year 2												
	Total	January	February	March	April	May	June	July	August	September	October	November	December
FP-200800 Replace PVC Main													
Expenditures													
Close to Plant	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400	\$1,038,400
Depreciation	31,044	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587
Accumulated Reserve	36,021	7,564	10,151	12,738	15,325	17,912	20,499	23,086	25,673	28,260	30,847	33,434	36,021
ADIT	\$14,926	7,900	9,173	10,318	11,338	12,230	12,997	13,636	14,146	14,532	14,789	14,922	14,926
Net Plant	\$987,453	\$1,022,936	\$1,019,076	\$1,015,344	\$1,011,737	\$1,008,258	\$1,004,904	\$1,001,678	\$998,581	\$995,608	\$992,764	\$990,044	\$987,453
Ad Valorem Taxes	\$16,452	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371	\$1,371

1/ Not included in the 2016 projected revenue requirement in Docket No. G004/GR-15-879.

Tax Depreciation - 20 yr	\$74,964	6,247	6,247	6,247	6,247	6,247	6,247	6,247	6,247	6,247	6,247	6,247	6,247
Book Depreciation	31,044	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587	2,587
Difference	43,920	3,660	3,660	3,660	3,660	3,660	3,660	3,660	3,660	3,660	3,660	3,660	3,660
DIT	\$18,168	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514	\$1,514
Balance		15,566	17,080	18,594	20,108	21,622	23,136	24,650	26,164	27,678	29,192	30,706	32,220

**GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS-SERVICES
2016 ADDITIONS - YEAR 2**

	2016 Year 2												
	Total	January	February	March	April	May	June	July	August	September	October	November	December
FP-200823 Replace PVC Services													
Expenditures													
Close to Plant	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763	\$1,164,763
Depreciation	47,760	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980
Accumulated Reserve	55,994	12,214	16,194	20,174	24,154	28,134	32,114	36,094	40,074	44,054	48,034	52,014	55,994
ADIT	\$13,754	\$7,943	\$8,996	9,943	10,787	11,524	12,159	12,687	13,109	13,428	13,641	13,751	13,754
Net Plant	\$1,095,015	\$1,144,606	\$1,139,573	\$1,134,646	\$1,129,822	\$1,125,105	\$1,120,490	\$1,115,982	\$1,111,580	\$1,107,281	\$1,103,088	\$1,098,998	\$1,095,015
Ad Valorem Taxes	\$18,444	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537	\$1,537

1/ Not included in the 2016 projected revenue requirement in Docket No. G004/GR-15-879.

Tax Depreciation - 20 yr	\$84,084	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007
Book Depreciation	47,760	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980	3,980
Difference	36,324	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027
DIT	\$15,024	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252	\$1,252

GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS- MAINS
2017

	2017												
	Total	January	February	March	April	May	June	July	August	September	October	November	December
FP-200800 Replace PVC Main													
Expenditures	\$975,652	\$12,065	\$36,222	\$60,434	\$90,734	\$90,939	\$109,242	\$109,489	\$109,737	\$97,920	\$98,142	\$86,299	\$74,42
Close to Plant	\$975,652				199,455	199,455	199,455	199,455	618,862	618,862	618,862	618,862	975,65
Depreciation	10,587	0	0	0	497	497	497	497	1,542	1,542	1,542	1,542	2,43
Accumulated Reserve	10,587	0	0	0	497	994	1,491	1,988	3,530	5,072	6,614	8,156	10,58
ADIT	\$4,981	822	1,576	2,254	2,858	3,386	3,840	4,218	4,520	4,748	4,900	4,979	4,98
Net Plant	\$960,084	(\$822)	(\$1,576)	(\$2,254)	\$196,100	\$195,075	\$194,124	\$193,249	\$610,812	\$609,042	\$607,348	\$605,727	\$960,08
Ad Valorem Taxes	\$15,454	\$0	\$0	\$0	\$263	\$263	\$263	\$263	\$817	\$817	\$817	\$817	\$11,13
Tax Depreciation - 20 yr	\$36,588	\$0	\$0	\$0	\$7,480	\$0	\$0	\$0	\$15,728	\$0	\$0	\$0	\$13,380
Book Depreciation	10,587	0	0	0	497	497	497	497	1,542	1,542	1,542	1,542	2,431
Difference	26,001	0	0	0	6,983	(497)	(497)	(497)	14,186	(1,542)	(1,542)	(1,542)	10,949
DIT	\$10,756	\$0	\$0	\$0	\$2,889	(\$206)	(\$206)	(\$206)	\$5,869	(\$638)	(\$638)	(\$638)	\$4,530
Balance		0	0	0	2,889	2,683	2,477	2,271	8,140	7,502	6,864	6,226	10,756

**GREAT PLAINS NATURAL GAS CO.
GUIC PLANT ADDITIONS-SERVICES
2017**

	2017												
	Total	January	February	March	April	May	June	July	August	September	October	November	December
FP-200823 Replace PVC Services													
Expenditures	\$853,574	\$12,065	\$24,157	\$48,342	\$78,614	\$78,792	\$97,068	\$97,287	\$97,507	\$97,728	\$85,884	\$74,014	\$62,119
Close to Plant	\$853,574				163,178	163,178	163,178	163,178	533,832	533,832	533,832	533,832	853,574
Depreciation	12,444	0	0	0	558	558	558	558	1,824	1,824	1,824	1,824	2,916
Accumulated Reserve	12,444	0	0	0	558	1,116	1,674	2,232	4,056	5,880	7,704	9,528	12,444
ADIT	\$3,748	619	1,186	1,696	2,150	2,547	2,889	3,173	3,400	3,572	3,687	3,746	3,748
Net Plant	\$837,382	(\$619)	(\$1,186)	(\$1,696)	\$160,470	\$159,515	\$158,615	\$157,773	\$526,376	\$524,380	\$522,441	\$520,558	\$837,382
Ad Valorem Taxes	\$13,521	\$0	\$0	\$0	\$215	\$215	\$215	\$215	\$705	\$705	\$705	\$705	\$9,840
Tax Depreciation - 20 yr	\$32,009	\$0	\$0	\$0	\$6,119	\$0	\$0	\$0	\$13,900	\$0	\$0	\$0	\$11,990
Book Depreciation	12,444	0	0	0	558	558	558	558	1,824	1,824	1,824	1,824	2,916
Difference	19,565	0	0	0	5,561	(558)	(558)	(558)	12,076	(1,824)	(1,824)	(1,824)	9,074
DIT	\$8,093	\$0	\$0	\$0	\$2,301	(\$231)	(\$231)	(\$231)	\$4,996	(\$755)	(\$755)	(\$755)	\$3,754

**GREAT PLAINS NATURAL GAS CO.
ADITS ON GUIC PROJECTS
GAS UTILITY - MINNESOTA
PROJECTED 2016-2017**

Month	Mains				Service			
	Weighting for Projection	Monthly Increments	Balance/ Increments	Balance	Weighting for Projection	Monthly Increments	Balance/ Increments	Balance
<u>2016 Plant additions</u>								
December 2015	100.00%			\$0	100.00%			\$0
January 2016	91.78%	\$1,171	\$1,075	1,075	91.78%	\$1,222	\$1,122	1,122
February	84.11%	1,171	985	2,060	84.11%	1,222	1,028	2,150
March	75.62%	1,171	886	2,946	75.62%	1,222	924	3,074
April	67.40%	1,171	789	3,735	67.40%	1,222	824	3,898
May	58.90%	1,171	690	4,425	58.90%	1,222	720	4,618
June	50.68%	1,171	593	5,018	50.68%	1,222	619	5,237
July	42.19%	1,171	494	5,512	42.19%	1,222	516	5,753
August	33.70%	1,171	395	5,907	33.70%	1,222	412	6,165
September	25.48%	1,171	298	6,205	25.48%	1,222	311	6,476
October	16.99%	1,171	199	6,404	16.99%	1,222	208	6,684
November	8.77%	1,171	103	6,507	8.77%	1,222	107	6,791
December	0.27%	1,171	3	6,510	0.27%	1,220	3	6,794
Total		\$14,052	\$6,510			\$14,662	\$6,794	
December 2016	100.00%			\$6,510	100.00%			\$6,794
January 2017	91.78%	\$1,514	1,390	7,900	91.78%	\$1,252	1,149	7,943
February	84.11%	1,514	1,273	9,173	84.11%	1,252	1,053	8,996
March	75.62%	1,514	1,145	10,318	75.62%	1,252	947	9,943
April	67.40%	1,514	1,020	11,338	67.40%	1,252	844	10,787
May	58.90%	1,514	892	12,230	58.90%	1,252	737	11,524
June	50.68%	1,514	767	12,997	50.68%	1,252	635	12,159
July	42.19%	1,514	639	13,636	42.19%	1,252	528	12,687
August	33.70%	1,514	510	14,146	33.70%	1,252	422	13,109
September	25.48%	1,514	386	14,532	25.48%	1,252	319	13,428
October	16.99%	1,514	257	14,789	16.99%	1,252	213	13,641
November	8.77%	1,514	133	14,922	8.77%	1,252	110	13,751
December	0.27%	1,514	4	14,926	0.27%	1,252	3	13,754
Total		\$18,168	\$8,416			\$15,024	\$6,960	

**GREAT PLAINS NATURAL GAS CO.
ADITS ON GUIC PROJECTS
GAS UTILITY - MINNESOTA
PROJECTED 2016-2017**

Month	Mains				Service			
	Weighting for Projection	Monthly Increments	Balance/ Increments	Balance	Weighting for Projection	Monthly Increments	Balance/ Increments	Balance
<u>2017 Plant additions</u>								
December 2016	100.00%			\$0	100.00%			\$0
January 2017	91.78%	\$896	822	822	91.78%	\$674	619	619
February	84.11%	896	754	1,576	84.11%	674	567	1,186
March	75.62%	896	678	2,254	75.62%	674	510	1,696
April	67.40%	896	604	2,858	67.40%	674	454	2,150
May	58.90%	896	528	3,386	58.90%	674	397	2,547
June	50.68%	896	454	3,840	50.68%	674	342	2,889
July	42.19%	896	378	4,218	42.19%	674	284	3,173
August	33.70%	896	302	4,520	33.70%	674	227	3,400
September	25.48%	896	228	4,748	25.48%	674	172	3,572
October	16.99%	896	152	4,900	16.99%	674	115	3,687
November	8.77%	896	79	4,979	8.77%	674	59	3,746
December	0.27%	900	2	4,981	0.27%	679	2	3,748
Total		\$10,756	\$4,981			\$8,093	\$3,748	

	Projected			Projected		
	2016 Yr 1	2016 Yr 2	2017	2016 Yr 1	2016 Yr 2	2017
Prior year December ADIT balance	\$0	14,052	\$0	\$0	14,662	\$0
Projected additions	14,052	18,168	10,756	14,662	15,024	8,093
Projected ADIT	14,052	32,220	10,756	14,662	29,686	8,093
Change in DITs	14,052	18,168	10,756	14,662	15,024	8,093
Monthly Increment	\$1,171	\$1,514	\$896	\$1,222	\$1,252	\$674

**GREAT PLAINS NATURAL GAS CO.
AVERAGE UTILITY CAPITAL STRUCTURE
AUTHORIZED**

	<u>Balance</u>	<u>Ratio</u>	<u>Cost</u>	<u>Required Return</u>
<u>Authorized 2016</u> 1/				
Long Term Debt	\$555,451,153	41.712%	5.492%	2.291%
Short Term Debt	87,302,622	6.556%	1.610%	0.106%
Preferred Stock	15,258,600	1.146%	4.562%	0.052%
Common Equity	673,616,423	50.586%	9.060%	4.583%
Total	<u>\$1,331,628,798</u>	<u>100.000%</u>		<u>7.032%</u>

1/ Authorized in Docket No. G004/GR-15-879.

**GREAT PLAINS NATURAL GAS CO.
ALLOCATION OF GUIC BASED ON
AUTHORIZED REVENUE ALLOCATION
PROJECTED 2017**

	Authorized 1/ Rev. Alloc	%	GUIC	Projected Dk 2/	Per Dk
Residential					
North	\$2,184,051	24.2038%	\$110,439		
South	2,126,981	23.5714%	107,553		
Total	<u>4,311,032</u>	<u>47.7752%</u>	<u>\$217,992</u>	1,467,867	\$0.1485
Firm General					
North	1,245,547	13.8032%	\$62,982		
South	1,494,511	16.5623%	75,571		
Total	<u>2,740,058</u>	<u>30.3655%</u>	<u>\$138,553</u>	1,240,494	0.1117
Small IT Sales					
North	540,099	5.9854%	\$27,310		
South	549,521	6.0898%	27,787		
Total	<u>1,089,620</u>	<u>12.0752%</u>	<u>\$55,097</u>	639,937	0.0861
Large IT Sales					
North	344,558	3.8184%	\$17,423		
South	27,707	0.3071%	1,401		
Total	<u>372,265</u>	<u>4.1255%</u>	<u>\$18,824</u>	297,907	0.0632
Small IT Transportation					
North	49,538	0.5490%	\$2,505		
South	32,152	0.3563%	1,626		
Total	<u>81,690</u>	<u>0.9053%</u>	<u>\$4,131</u>	62,836	0.0657
Large IT Transportation					
North Flex	745,730		0	2,072,398	
South	428,919	4.7533%	21,689	687,838	0.0315
South Flex	118,913		0	1,427,971	
Total	<u>1,293,562</u>	<u>4.7533%</u>	<u>21,689</u>	<u>4,188,207</u>	<u>0.0052</u>
Total	<u>\$9,888,227</u>	<u>100.0000%</u>	<u>\$456,286</u>	<u>7,897,248</u>	<u>\$0.0578</u>
Excluding Flex	\$9,023,584				

1/ Docket No. G004/GR-15-879, Final Order Compliance Filing, Exhibit 3b, p. 1.

2/ Projected dk for the period May 2017-April 2018, excluding volumes associated with flexible rate customers.

**GREAT PLAINS NATURAL GAS CO.
GAS UTILITY INFRASTRUCTURE COST ADJUSTMENT
INFORMATION REQUIRED PURSUANT TO
MINN. STAT. §216b.1635 SUBP. 4**

(2)(vii) The magnitude of GUIC in relation to the gas utility's base revenue as approved by the commission in the gas utility's most recent general rate case, exclusive of gas purchase costs and transportation charges

Authorized margin - Docket No. G004/GR-15-879	\$9,888,227
GUIC Revenue Requirement	\$456,286
% of margin	4.6%

(2)(viii) The magnitude of GUIC in relation to the gas utility's capital expenditures since its most recent general rate case

	2016	2017
Capital Expenditures	\$2,203,163	\$1,829,226
Capital expenditures - rate case 1/	\$3,844,559	
% of rate case expenditures	57.3%	47.6%

1/ Docket No. G004/GR-15-879.

(2)(ix) The amount of time since the utility last filed a general rate case and the utility's reasons for seeking recovery outside of a general rate case.

The last general rate case was filed September 30, 2015 in Docket No. G004/GR-15-879 using a projected 2016 test period. The final order was issued September 6, 2016 with final rates effective January 1, 2017.

The capital investments included in this filing were not reflected in the most recent rate case and therefore are eligible for recovery under the statute. Great Plains will avoid filing a rate case and the costs associated with filing a general rate case through the use of a GUIC tariff and adjustment, especially when the amount sought, while critical to Great Plains, is not a significant increase to customers.