P.S.C. MO. No. <u>1</u> Canceling P.S.C. MO. No. 1 Second Revised First Revised SHEET No. <u>10</u> SHEET No. <u>10</u>

Missouri Gas Energy, <u>a Division of Southern Union Company</u>

For: All Missouri Service Areas

INFRASTRUCTURE REPLA	CEMENT SURCHARGE (ISRS)
	over the costs associated with the Company's ments in accordance with the provisions of
sections 393.1009, 393.1012 a	
<u>Applicability</u> :Rate ISRS is applicable to e effectiveness of the ISRS rate e	each customer billing for service during the element.
a monthly ISRS Rate Element s	r charges provided for in the Company's tariff, shall be added to each bill for service on and ISRS rate. The amount of the ISRS Rate as follows:
Residential	\$0.00 per month
Small General Service	\$0.00 per month
Large General Service	\$0.00 per month
Large Volume Service	\$00.00 per month
Whiteman Air Force Base	\$00.00 per month
Intrastate Transportation Service	\$00.00 per month
CNG for use as a fuel in vehicles	\$0.00 per month
	~
	·
DATE OF ISSUE <u>September 24 2004</u> month day year	DATE EFFECTIVE <u>October 24 2004</u> month day year
ISSUED BYMichael R. Noack	Director, Pricing and Regulatory Affairs
	Missouri Gas Energy Kansas City, MO. 64111

Second Revised First Revised

SHEET No. <u>13</u> SHEET No. <u>13</u>

Missouri Gas Energy, <u>a Division of Southern Union Company</u>

For: All Missouri Service Areas

<u>TAX AI</u>	DJUSTMENT		
	TA		
GENERAL REGULATIONS When any governing body of a tax occupation, business, sales, license based on gross receipts, net received service, such charges shall be reboundaries of such taxing subdivisition METHOD OF BILLING A. Where such charge is levied receipts, a uniform percentage net basis to the taxing body affected, and the amount so consuch customer's bill. B. Where such charge is levied affected.	e, excise, privilege or si eipts, or revenue from covered from custome ion. d on the basis of a p e designed to produce t will be applied to eac omputed will be added a	milar charge which the provision of g rs located within f bercentage of gro hat percentage or h customer's bill as a separate item	n is gas the oss n a so i to
B. Where such charge is levied or receipts, there shall be added proportionate part of such total conformity with the basis of applicable to each customer so on the customer's bill.	d to each customer's charge imposed by the such total charge. T	bill so affected th taxing subdivisior he pro rata char	hat i in ge
DATE OF ISSUE <u>September 24, 2004</u>		October 24	
month day year	DATE EFFECTIVE	<u>October 24,</u> month day	<u>2004</u> year
SSUED BY: <u>Michael R. Noack</u>	Director, Pricing a Missouri Gas Energ	and Regulatory Aff y, Kansas City, M	

FORM NO. 13 P.S.C. MO. No. 1 Canceling P.S.C. MO. No. 1

Third Revised Second Revised

Missouri Gas Energy,

I. APPLICABILITY

a Division of Southern Union Company

Name of Issuing Corporation

For: All Missouri Service Areas

Community, Town or City

PURCHASED GAS COST ADJUSTMENT PGA

The Purchased Gas Cost Adjustment (PGA) applies to all sales and transportation services provided under all natural gas rate schedules and contracts, including sales to transportation customers. Any increase or decrease in any PGA factor, including the Actual Cost Adjustment (ACA) factor, resulting from the application of this tariff, shall be applied pro rata to customers' bills for service rendered on and after the effective date of the change. Bills which contain multiple PGA rate changes, including the ACA component of such rate changes, during a customer's billing period shall be prorated between the old and new rates in proportion to the number of days in the customer's billing period that such rates were in effect.

A. Contents of PGA

1. The purchased gas cost adjustment price shall be the sum of the following items:

Current Cost of Gas (CCG) - A per Ccf factor to reflect the current estimate of the annualized cost of various natural gas services purchased by the Company, including but not limited to firm and interruptible gas supply, gathering, processing and treating services, firm and interruptible transportation service, storage services gas price volatility mitigation instruments, including but not limited to financial instruments and any service which bundles or aggregates these various services. Such factor shall also reflect any "PGA Filing Adjustment Factor" (FAF) as defined in this Section.

Actual Cost Adjustment (ACA) - A per Ccf factor to reflect the annual reconciliation of actual purchased gas and pipeline service costs with the actual recovery of such costs through the application of this Purchased Gas Adjustment Clause. Revised ACA factors shall be filed with the PGA Filing to be effective in November of each year.

Refund - A per Ccf factor to reflect refunds received by the Company in connection with purchased gas and/or pipeline services.

DATE OF ISSU	E: September 24, 200	4 DATE EFFECTIVE: October 24, 2004	_
	month day yea	menth day yoor	
ISSUED BY:	Michael R. Noack	Director, Pricing and Regulatory Affairs	
		Missouri Gas Energy, Kansas City, Missouri 64111	

<u>Fifth Revised</u> Fourth Revised

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

PURCHASED GAS COST ADJUSTMENT PGA	
<u>Take Or Pay (TOP)</u> - A per Ccf factor to recover Federal Energy Regulatory Commission (FERC) authorized fixed Take-or-Pay (TOP) costs as described in Section V of this clause.	
<u>Transition Cost (TC)</u> - A per Ccf factor to recover Federal Energy Regulatory Commission (FERC) authorized fixed Transition cost (TC) as described in Section VI of this clause.	
PGA Filing Adjustment Factor (FAF) - In addition, in any PGA Filing, the Company may file a rate change (hereinafter referred to as the "PGA Filing Adjustment Factor" (FAF) not to exceed five cents (\$0.05) per Ccf which is designed to refund to, or recover from, customers any over- or under-recoveries of gas costs that have accumulated since the Company's last ACA Filing. The PGA Filing Adjustment Factor shall remain in effect until the next scheduled ACA Filing.	
Customers electing to take transportation service may contract for the availability of taking system supply gas, referred herein to as "Contract Demand" and described in Section VII of this Schedule.	
B. <u>Revision of the PGA rate</u>	
The Company shall be allowed to make up to four (4) PGA filings during each calendar year. One such filing will be effective in November of each year, but no more than one PGA filing shall become effective in any two consecutive calendar months unless specifically ordered by the Commission. Such PGA filings shall be made at least ten (10) business days prior to their effective dates.	2
All PGA filings shall be accompanied by detailed work-papers supporting the filing in an electronic format. Sufficient detail shall be provided so the level of hedging that is used to develop the gas supply commodity charge for the PGA factor can be determined.	
	.I
DATE OF ISSUE: <u>September 24, 2004</u> month day year DATE EFFECTIVE: <u>October 24, 2004</u> month day year	
ISSUED BY: <u>Michael R. Noack</u> <u>Director, Pricing and Regulatory Affairs</u> Miccouri Cas Energy Kapsas City Missouri 64111	
Missouri Gas Energy, Kansas City, Missouri 64111	

Third Revised Second Revised

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT

<u>PGA</u>

II. CALCULATION OF THE CURRENT COST OF GAS (CCG)

For the purpose of the computations herein, "commodity-related" shall mean gas costs relating to gas supply commodity charges, variable transportation charges, storage withdrawals, gas purchased under fixed price contracts, other FERC-authorized variable charges excluding any amounts for FERC authorized Take-or-Pay (TOP) or Transition Cost (TC) charges, and the Company's cost of gas price volatility mitigation instruments, including but not limited to financial instruments, except for call options for which only cost reductions expected to be realized during the months covered by the Company's PGA filing shall be reflected.

"Demand related" shall mean fixed (non-volumetric) costs relating to gas supply demand charges, charges for performance or surety bonds or letters of credit as required in gas supply contracts, fixed transportation charges, fixed storage charges and other FERC-authorized fixed charges excluding any amounts for FERC authorized Take-or-Pay (TOP) or Transition Cost (TC) charges.

A per unit ϕ /Ccf shall be determined by dividing the sum of "Commodity Related" costs and "Demand Related" costs by estimated annual sales as set forth in Section VIII of this schedule.

III. CALCULATION OF THE ACTUAL COST ADJUSTMENT (ACA)

The Company shall establish and maintain a Deferred Purchased Gas Cost - Actual Cost Adjustment Account (ACA) which shall be credited with any over-recovery resulting from the operation of the Company's PGA procedure or debited for any under-recovery resulting from same. Such over- or under-recovery shall be determined by a monthly comparison of the actual total cost of gas and the cost recovery for the same month.

The "cost of gas" for a particular month will be calculated by using the as billed cost of gas shown on the books and records of the Company, but exclusive of refunds and fixed TOP charges and TC charges.

The "cost recovery" for a particular month shall be determined by calculating the product of the volumes billed during the month and the sum of that month's regular Purchased Gas Cost as adjusted by the FAF and the prior year "Actual Cost Adjustment" (ACA), as hereinafter defined. To this total, shall be added the demand related purchased gas costs billed directly to customers. The fixed TOP recovery factor, the fixed TC recovery factor and the refund factor shall be excluded from this calculation.

DATE OF ISSUE:	September 24, 2004	DATE EFFECTIVE:	October_	24,	<u>2004</u>
DATE OF 1330L.	month day year	— • • • • • •	month	day	year
					A
ISSUED BY: M	lichael R. Noack	Director, Pricing			
	· ·	Missouri Gas Energy, Kansa	as City, Mis	souri	64111

Fifth Revised Fourth Revised SHEET No. <u>17</u> SHEET No. <u>17</u>

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT

כ	G/	4	
		_	

The Deferred Purchased Gas Cost Account shall be adjusted for those revenues received by the Company for the release of pipeline transmission capacity to another party other than those revenues which are retained by the Company as described in Section IX of this schedule.

For each month during the ACA period and for each month thereafter interest, at a simple rate equal to the prime bank lending rate (as published in the Wall Street Journal on the first business day of the following month), minus two (2) percentage points (but not less than zero) shall be credited to customers for any over-recovery of gas costs or credited to the Company for any under-recovery of gas costs. Interest shall be computed based upon the average of the accumulated beginning and ending monthly ACA account balances. The Company shall maintain detailed work-papers that provide the interest calculation on a monthly basis.

Initially, monthly interest shall be credited as described above based upon the average of the ending balance determined from the monthly ACA balance ending September 30, 2004 and the monthly ACA balance ending August 31, 2004.

For each twelve month billing period ended June 30, the differences of the cost of gas and the cost recovery comparisons as described herein, including any balance for the previous year shall be accumulated to produce a cumulative balance of over-recovered or under-recovered costs. An "Actual Cost Adjustment" (ACA) shall be computed by dividing the cumulative balance of under-recoveries or over-recoveries by the annual sales volumes set out in Section VIII of this Schedule.

This adjustment shall be rounded to the nearest \$0.00001 per Ccf and applied to the billings of each applicable sales and transportation rate classification, commencing in November of each year, and shall remain in effect until superseded by subsequent ACA factors calculated according to this provision. The Company shall file any revised ACA on Sheet No. 24.7 in the same manner as all other Purchased Gas Cost Adjustments.

The current methodology for tracking and recovering gas supply costs, the application of interest on ACA balances and the treatment of natural gas transmission pipeline refunds shall be subject to regulatory review between April 1, 2005 and June 30, 2006. Thereafter, the current methodology may either continue in its present form or be revised to a former or new methodology by Order of the Commission. If the treatment of gas cost recovery, interest determination and handling of refunds described herein is revised by the Commission on or after July 1, 2006, the Company shall continue to perform calculations reflective of the PGA provisions employed during the above review period through the end of its then current ACA period.

DATE OF ISSUE	<u>September 24, 200</u> month day year	DATE EFFECTIVE:	October month	<u>24,</u> day	<u>2004</u> year
ISSUED BY:	Michael R. Noack	Director, Pricing Missouri Gas Energy, Kans	and Regul as City, Mis	at <u>ory /</u> souri 6	<u>Affairs</u> 64111

SHEET No. ____

<u>Twenty Seventh Revised</u> Twenty Sixth Revised

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT

<u>PGA</u>

IV. REFUND PROVISIONS

Residential, Small General, Large General and Unmetered Gaslight Customers:

For the purpose hereof, unless the Missouri Public Service Commission shall otherwise order, refunds which the Company receives in connection with natural gas services purchased, together with any interest included in such refunds, will be refunded to the Company's applicable Residential, Small General, Large General and Unmetered Gaslight customers. Such refunds shall be credited to the ACA account in the month received and shall be a part of the overall ACA interest calculation.

All refund balances from prior periods and any outstanding refunds will be rolled into the August 2004 monthly ACA balance.

Large Volume, Intrastate Transportation Service and Whiteman Air Force Base Customers:

Unless otherwise ordered by the Commission, supplier refunds (including interest from suppliers), received by the Company from charges paid for natural gas resold to its Large Volume, Intrastate Transportation Service and Whiteman Air Force Base customers shall be refunded to each customer classification respectively when such accumulated refunds equal or exceed \$75,000. Such refund shall be made within 90 days following receipt. The total amount to be refunded shall be divided by Ccf sales to each customer classification during the refund period.

The result shall then be multiplied by the Ccf sales made to each customer during such period and the amount so computed shall be refunded by a single payment to each customer by check or credit on the customer's account. If a portion of the amount to be refunded is attributable to demand charges that were directly assigned to specific customers, such amount shall be refunded to the customers based on their demands during the refund period.

The Company shall deduct the amount of any delinquent bill or bad debt before making payment to the customer.

Any refunds remaining unclaimed shall be retained until such time as a subsequent refund is received from the Company's suppliers and shall be added to such refund before distribution to customers.

DATE OF ISSUE	E: <u>September 24,</u>	2004 DATE EFFEC	CTIVE: October	24	2004
DATE OF 10001	month day	rear	month	day	year
ISSUED BY:	Michael R. Noack	Director,	Pricing and Regu	lato <u>ry</u> /	Affairs
		Missouri Gas Energy,	Kansas City, Mis	ssouri (64111

Third Revised Second Revised

Missouri Gas Energy,

a Division of Southern Union Company Name of Issuing Corporation

	PURCHASED GAS COST ADJUSTMENT
the	PGA ne event any refund received from the Company's suppliers is less than \$75,000 for customer class, said refund shall be credited to the refund account and the nmission shall be advised of the receipt of such refund.
Tra	e Company shall not be required to refund to Large Volume, Intrastate nsportation Service and Whiteman Air Force Base customers when the credit ance in the refund account is less than \$75,000.
Tig	ht Sands Refunds:
1.	The Company has made an initial lump sum refund to its Missouri customers of approximately \$20 million which represents a portion of the cash stream payments it has or will receive as a result of the settlement of the Tight Sands anti-trust case. The portion of the settlement payments to be made through the initial lump sum refund and the method for making that refund are specified by the Commission in its Report and Order in Case No. GR-91-286.
2.	At the end of calendar year 2001 or upon full repayment of amounts advanced to effect the initial lump sum refund (including interest and transaction costs), whichever occurs first, all cash stream payments received by the Company for gas purchased after that date or after full repayment shall be immediately credited to the appropriate customer refund account and distributed in accordance with gas cost refunding provisions then in effect.
	Such refund amounts shall be allocated to the Company's customer classes based on the same Donkin Low method used to allocate the initial lump sum refunds. Within the Large Volume, Intrastate Transportation Service and Whiteman Air Force Base classes (including both sales and transportation customers), such refunds will be further allocated to individual customers based on each customer's pro rata share as determined by the Company from the customer's actual purchase volumes from the Company for the period of November 1980 through December of 1988.
	Each Large Volume, Intrastate Transportation Service and Whiteman Air Force Base customer will receive a refund by check during the month of December. Alternatively, at the request of a Large Volume, Intrastate Transportation Service and Whiteman Air Force Base customer, the refund will be made by a credit to its bill during the month of December.
3.	The Company will deduct the amount of any customer's delinquent bill or bad debt before making a refund to the customer.

DATE OF ISSUE: <u>September 24, 2</u>	2 <u>004</u> DATE EFFECTIVE: <u>October 24, 2004</u>
month day yea	ar month day year
ISSUED BY:Michael R. Noack	Director, Pricing and Regulatory Affairs Missouri Gas Energy, Kansas City, Missouri 64111

Third Revised Second Revised

For: All Missouri Service Areas

Missouri Gas Energy,

a Division of Southern Union Company

a Division of Southern Union Company Name of Issuing Corporation	For: All Missouri Service Areas Community, Town or City
PURCHASED GAS CO	DST ADJUSTMENT
whichever occurs first, all cash stream p	on full repayment of amounts advanced to ncluding interest and transaction costs), ayments received by the Company for gas epayment shall be immediately credited to nt and distributed in accordance with gas
on the same Donkin Low method used Within the Large Volume, Intrastate T Force Base classes (including both sa refunds will be further allocated to indivi	to the Company's customer classes based d to allocate the initial lump sum refunds. Fransportation Service and Whiteman Air ales and transportation customers), such idual customers based on each customer's mpany from the customer's actual purchase od of November 1980 through December of
Base customer will receive a refund the secure to a large	oortation Service and Whiteman Air Force by check during the month of December. Volume, Intrastate Transportation Service er, the refund will be made by a credit to its
 The Company will deduct the amount o before making a refund to the customer. 	f any customer's delinquent bill or bad debt
DATE OF ISSUE: <u>September 24, 2004</u> month day year	DATE EFFECTIVE: <u>October 24, 2004</u> month day year

ISSUED BY: Michael R. Noack

Director, Pricing and Regulatory Affairs Missouri Gas Energy, Kansas City, Missouri 64111

Third Revised Second Revised

Missouri Gas Energy,

a Division of Southern Union Company Name of Issuing Corporation For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT

<u>PGA</u>

V. TAKE OR PAY RECOVERY FACTOR

Federal Energy Regulatory Commission (FERC) authorized fixed Take-or-Pay (TOP) costs shall be recovered from all classes of customers equally on a volumetric basis by the application of the TOP Cost Recovery Factor to all Ccf billed for both natural gas sales and transportation volumes under rate schedules on file with the Missouri Public Service Commission.

The TOP Cost Recovery Factor will be computed by dividing the annualized TOP costs by the estimated volumes of the total sales and transportation Ccf for the twelvemonth period beginning with the effective date of the TOP Cost Recovery Factor. Annualized TOP costs shall be the fixed TOP costs, including interest, the Company has paid or reasonably expects to pay, in a twelve-month period as a result of the application of FERC approved tariffs relating to the recovery of TOP and contract reformation costs by the Company's natural gas suppliers, plus any over or underrecovery of such costs from the previous period as discussed below.

The TOP Cost Recovery Factor shall be reviewed concurrently with the Annual Cost Adjustment Factor. This adjustment shall be rounded to the nearest \$0.00001 per Ccf and applied to the following Winter PGA and subsequent Summer PGA, except for a transitional period during which the TOP adjustment for the July 1996 through June 1997 ACA year will apply to the PGA effective with the first billing cycle in the billing month of September, 1997 and ending when the Winter 1998 PGA becomes effective.

The TOP account balance will be the net balance of all revenue recovered from the application of the TOP recovery factor using the monthly actual billed sales by cycle for customers and each unit transported for transportation service customers and all fixed FERC-authorized TOP charges paid to its suppliers in the above 12 month period.

This account will be audited simultaneously with Company's Deferred Purchased Gas Cost Accounts (Section III of this PGA Clause). The period for recovering TOP costs shall generally mirror the recovery period ordered in each applicable FERC proceeding. The Company will keep such records so as to allow for an accurate accounting of such costs actually paid to suppliers and recovery actually received from customers.

	: <u>September 24, 2004</u> month day year	DATE EFFECTIVE:	<u>October 24 2004</u> month day year
ISSUED BY:	Michael R. Noack	Director, Missouri Gas Energy,	<u>Pricing and Regulatory Affairs</u> Kansas City, Missouri 64111

FORM NO. 13 P.S.C. MO. No. 1 Canceling P.S.C. MO. No. 1

Fourth Revised Third Revised

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

Community, Town or City

PURCHASED GAS COST ADJUSTMENT

PGA

VI. TRANSITION COST RECOVERY FACTOR

Federal Energy Regulatory Commission (FERC) authorized direct billed (fixed) Transition Cost (TC) costs shall be recovered on a volumetric basis from customers receiving sales and transportation service under the Company's rate schedules on file with the Missouri Public Service Commission by the application of the following TC recovery factors.

TCs are those costs resulting from the implementation of Order No. 636, including Account 191 balances and gas supply realignment costs which are direct billed to the Company by its natural gas transporters.

The direct billed TC costs to be used in the factors computation shall be those the Company has paid or reasonably expects to pay, in a twelve-month period, plus any over or under-recovery of such costs from the previous recovery period as discussed below. The costs to be used in the computation shall include FERC authorized interest which is direct billed by the transporter to the Company and carrying costs on unrecovered transition costs.

"TC Factor 1" costs are those which relate solely to the most recent annual pipeline PGA period. This factor shall be charged to all sales customers only. The "TC Factor 1" will be computed by dividing these "TC Factor 1" costs by an estimate of the annual total sales volumes expected to be billed for the subsequent year.

"TC Factor 2" costs are all other direct billed Order No. 636 costs not included as "TC Factor 1" costs. The "TC Factor 2" shall be charged to both sales customers and transportation customers. This factor shall be computed by dividing the sum of the annualized "TC Factor 2" costs by an estimate of the annual volume of total sales plus total transportation expected to be billed for the subsequent year.

The "TC Factor 2" costs to be included in the computation of the billing factor shall include some Account 191 TCs (i.e. Williams Natural Gas Company's deferred storage costs and transportation and exchange imbalances) and any direct billed gas supply realignment costs.

DATE OF ISSUE	<u>September 24, 2004</u> month day year	DATE EFFECTIVE: <u>Octobe</u>	
ISSUED BY:	Michael R. Noack	Director, Pricing and Re Missouri Gas Energy, Kansas City,	<u>gulatory Affairs</u> Vissouri 64111

For: All Missouri Service Areas

Third Revised Second Revised

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT

<u>PGA</u>

The above mentioned TC factors shall include, in their factor computations, all amounts of previously paid TC costs refunded to the Company by the transporter.

The "TC Factors 1 and 2" shall be reviewed concurrently with the Annual Cost Adjustment Factor. The "TC Factors 1 and 2" shall be rounded to the nearest \$0.00001 per Ccf and applied to the following Winter PGA and subsequent Summer PGA if the annual impact of the adjustment is anticipated to exceed \$500,000.

The TC account balances will reflect the net of all revenue recovered from the billing of the TC recovery factors to sales and transportation customers and the actual direct billed FERC-authorized TC charges paid by the Company to its transporters for the preceding twelve-month period as defined above.

Annually, the actually incurred TCs will be compared to the TCs billed revenue recovery for the same time period that the PGA's Actual Cost Adjustment (ACA) factor is calculated. The resulting under- or over-recovery, resulting from actual TC cost variations from estimated TC costs or from a determination by Missouri Public Service Commission that certain TC costs should have been billed to a different factor than the one used by the Company, will be divided by the throughput for the ACA period to develop a TC reconciliation factor. This factor will then be incorporated as part of the current TC recovery rates shown on the Adjustment statement. It is the intent of this provision to charge all customers their respective TC rates and to have revenue recovery generated be reconciled to actual TC costs paid during a twelve month period. The total estimated annualized sales and transportation volumes, applicable to each factor, will be used for their computation. The above factors will be adjusted to include any such under- or over-recovery.

DATE OF ISSUE: <u>September 24, 2004</u> month day year DATE EFFECTIVE: October 24, 2004 month day year

ISSUED BY: Michael R. Noack

<u>Director, Pricing and Regulatory Affairs</u> Missouri Gas Energy, Kansas City, Missouri 64111

Second Revised First Revised

For: All Missouri Service Areas

Missouri Gas Energy,

a Division of Southern Union Company

ISSUED BY: Michael R. Noack

Name of Issuing Corporation	Community, Town or City
PURCHASED GAS C	
PORCHASED GAS C PGA	
The rates to be on the PGA Adjustm consist of:	ent Statement and billed customers shall
for all sales customers:	
The sum of "TC Factor 1" plus factors,	"TC Factor 2" plus any TC reconciliation
for all transportation customers;	
the sum of "TC Factor 2" plus any	TC reconciliation factor.
TC recovery factor calculated accordin	n effect until superseded by a subsequent og to this provision. The Company shall file et No. 24.3 in the same manner as all other
DATE OF ISSUE: <u>September 24, 2004</u> month day year	DATE EFFECTIVE: <u>October 24, 2004</u> month day year

<u>Director, Pricing and Regulatory Affairs</u> Missouri Gas Energy, Kansas City, Missouri 64111

Third Revised Second Revised

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT

<u>PGA</u>

VII. DEMAND RELATED COST RECOVERY

Customers electing transportation service under rate schedules LV, ITS and Whiteman Air Force Base shall be billed as a component of total purchased gas costs, when receiving contract demand or authorized overrun service, demand charges estimated to be sufficient to reimburse the Company for demand related transportation costs incurred to serve such customers as those costs may vary from time to time. Such charges, as specified in the Southern Star Central's Federal Energy Regulatory Commission (FERC) tariffs for rate schedules TSS and FTS or such replacement charges as may be found appropriate by the FERC, are calculated as an average demand cost based on contracted billing determinants as set out in Section VIII of this Schedule and shown on Sheet No. 24.3. Such demand rates shall be collected from customers in accordance with the Company's applicable rate schedules. Revenues from this provision will be credited through the ACA.

 DATE OF ISSUE:
 September 24, 2004 month
 DATE EFFECTIVE:
 October
 24, 2004 month

 ISSUED BY:
 Charles B. Hernandez
 Director, Pricing and Regulatory Affairs

 Missouri Gas Energy,
 Kansas City, Missouri 64111

Second Revised First Revised SHEET No. <u>23.3</u> SHEET No. <u>23.3</u>

T

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

For:	All	Missouri Service Areas
		Community, Town or City

PURCHASED GAS COST ADJUSTMENT PGA	
This Sheet Left Blank Intentionally	
DATE OF ISSUE: <u>September 24, 2004</u> month day year DATE EFFECTIVE: <u>October 24, 2004</u> month day year	
ISSUED BY: <u>Michael R. Noack</u> Missouri Gas Energy, Kansas City, Missouri 64111	

Second Revised First Revised SHEET No. <u>23.4</u> SHEET No. <u>23.4</u>

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

	PURCHASED GAS PG/	COST ADJUSTMENT		_107		
	This Sheet Left Bla	nk Intentionally				
DATE OF ISSUE:	September 24, 2004 month day year	DATE EFFECTIVE:	October month	24, day	2004 year	<u> </u>
ISSUED BY: <u>Mi</u>	chael R. Noack	Director, Pricing uri Gas Energy, Kansa	and Regu as City, Mis	<u>latory A</u> ssouri 6	<u>.ffairs</u> 4111	

Fifth Revised Fourth Revised SHEET No. 23.5 SHEET No. 23.5

Missouri Gas Energy, <u>a Division of Southern Union Company</u> <u>Name of Issuing Corporation</u>

PURCHASED GAS COST ADJUSTMENT PGA	
This Sheet Left Blank Intentionally	
DATE OF ISSUE: <u>September 24, 2004</u> month day year DATE EFFECTIVE: <u>October 24, 2004</u> month day year	
ISSUED BY: <u>Michael R. Noack</u> Missouri Gas Energy, Kansas City, Missouri 64111	

Third Revised Second Revised

Т

٦

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

For:	<u>All</u>	<u>Missouri</u>			
		Commu	nity,	Town	or City

PURCHASED GAS COST ADJUSTMENT PGA	
This Sheet Left Blank Intentionally	
DATE OF ISSUE: <u>September 24, 2004</u> month day year DATE EFFECTIVE: <u>October 24, 2004</u> month day year	
ISSUED BY: <u>Michael R. Noack</u> <u>Director, Pricing and Regulatory Affairs</u> Missouri Gas Energy, Kansas City, Missouri 64111	

Second Revised First Revised SHEET No. <u>23.7</u> SHEET No. <u>23.7</u>

Т

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

PURCHASED GAS COST ADJUSTMENT PGA	
This Sheet Left Blank Intentionally.	
DATE OF ISSUE: <u>September 24, 2004</u> month day year DATE EFFECTIVE: <u>October 24, 2004</u> month day year	
ISSUED BY: <u>Michael R. Noack</u> Missouri Gas Energy, Kansas City, Missouri 64111	

Fourth Revised Third Revised

٦

Missouri Gas Energy,

a Division of Southern Union Company Name of Issuing Corporation

	PURCHASED GAS COST A PGA	DJUSTMENT		
VIII. <u>PGA COMPUT</u>	TATION VOLUMES			
The following	g volumes shall be used for PGA rate	filings made on or	after October 2, 2004	
Purchase Vo	<u>plumes (P):</u>			
<u>Volumes su</u>	oplied over Southern Star Central syste	em:		-
TSS-M	No Notice Fee Reservation - FSS - Deliverability Reservation - FSS - Capacity Reservation - FTS - P Reservation - FTS - M Injection - FSS Withdrawal - FSS Commodity - FTS - P Commodity - FTS - M		DKT DKT DKT DKT DKT DKT DKT	
FTS-P	Reservation Commodity Commodity Balancing Fee	59,489 17,499,934 17,499,934	DKT	
FTS-M	Reservation Commodity Commodity Balancing Fee	10,000 88,904 88,904	DKT	
	Total Commodity – City Gate Non-Commodity Transport Fuel Total Commodity – Field		5 DKT	
DATE OF ISSUE:	<u>September 24, 2004</u> DAT month day year	E EFFECTIVE:	<u>October 24, 200</u> month day year	04
	month day year	Director, Pricing ar		<u>)4</u>

Fifth Revised Fourth Revised SHEET No. 24.1 SHEET No. 24.1

Missouri Gas Energy,

a Division of Southern Union Company

Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

Volumes supp	olied over Panhandle Eastern Pipe Lin	<u>e system:</u>		
EFT	Transmission-Market	27,880	DKT	
	Transmission-Field/Market	27,880	DKT	
	Reservation-Winter	18,987	DKT	
	Commodity- Haven/Market	2,838,589		
	Commodity- Field/Market	3,052,908	DKT	
FS	Deliverability- Field	20,000	DKT	
	Capacity- Field	122,650	DKT	
	Commodity- Field/Storage	1,421,800	DKT	
	Commodity- Storage/Market	1,421,800	DKT	
	Total Commodity	2,838,589	DKT	
	Non-Commodity Transport Fuel	104,118	DKT	
	Total Commodity-Field	2,942,707	DKT	
<u>Volumes sup</u>	plied over Riverside Pipeline			
FT	Reservation	46,332	DKT	
	Total Commodity-City Gate	1,818,956	DKT	
	Non-Commodity Transport Fuel	41,602	DKT	
	Total Commodity-Field	1,860,558	DKT	
<u>Volumes sup</u>	<u>plied over KM Interstate</u>			
ET – Prd/Mkt	Reservation	100,000	DKT	
FT – Mkt	Reservation	50,000	DKT	
	Total Commodity City Gate	15,192,902	DKT	
	Non-Commodity Transport Fuel	550,069		
	Total Commodity-Field	15,742,971	DKT	
<u>Sales Volume</u>	<u>es (V):</u>	578,712,084	Ccf	
FT – Prd/Mkt FT – Mkt <u>Sales Volum</u> e	Total Commodity City Gate Non-Commodity Transport Fuel Total Commodity-Field	50,000 15,192,902 550,069 15,742,971	DKT DKT DKT DKT	

 month
 day
 year
 month
 day
 year

 ISSUED BY:
 Michael R. Noack
 Director, Pricing and Regulatory Affairs

 Missouri Gas Energy,
 Kansas City, Missouri 64111

FORM NO. 13 P.S.C. MO. No. 1 Canceling P.S.C. MO. No. 1

Fourth Revised Third Revised

For: All Missouri Service Areas

Missouri Gas Energy,

a Division of Southern Union Company___ Name of Issuing Corporation

Community, Town or City PURCHASED GAS COST ADJUSTMENT PGA GAS COST INCENTIVE MECHANISM IX. This Section IX implements, consistent with the Report and Order in Case No. GR-2004-0209, a revenue sharing grid pursuant to which revenues generated by capacity release and off-system sales (net of revenues from off-system sales made for "system protection" purposes) shall be shared between Company and its customers. The Company will set up an Incentive Revenue ("IR") Account into which the Company will record that portion of revenue retained by the Company according to the following percentages: Company Retention Percentage Capacity Release Credit 15% First \$300,000 20% Next \$300,000 25% Next \$300,000 30% Amounts Over \$900,000 DATE EFFECTIVE: October 24, 2004 DATE OF ISSUE: September 24, 2004 month day year month day year Director, Pricing and Regulatory Affairs ISSUED BY: Michael R. Noack

Missouri Gas Energy, Kansas City, Missouri 64111

Missouri Gas Energy,

a Division of Southern Union Company Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT	
PURCHASED GAS COST ADJOSTMENT	
PGA	

X. SUMMARY STATEMENT

Customer <u>Class</u>	<u>C.C.G.</u>	<u>A.C.A</u>	Refund	<u>T.O.P.</u>	<u>T.C.</u>	P.G.A. <u>Rate</u>	
Residential	\$0.71130	\$0.04329	(\$0.00403)	\$0.00000	\$0.00000	\$0.75056	
Small General Service	\$0.71130	\$0.04329	(\$0.00403)	\$0.00000	\$0.00000	\$0.75056	
Large General Service	\$0.71130	\$0.04329	(\$0.00403)	\$0.00000	\$0.00000	\$0.75056	
Unmetered Gas Light (1)	\$0.71130	\$0.04329	(\$0.00403)	\$0.00000	\$0.00000	\$0.75056	
Large Volume Sales (3)	\$0.71130	\$0.04329	\$0.00000	\$0.00000	\$0.00000	\$0.75459	
Large Volume Trans. (2)(4)					\$0.00000	\$0.00000	

- 1 Each Unmetered Gaslight Unit is equal to 15 Ccf.
- 2 Demand related purchase gas costs of \$0.66255 per Ccf of contract demand and \$0.02179 per Ccf of daily demand for authorized sales in excess of the contract demand are directly chargeable to customers on this rate.
- 3 Applies to Sales Service only.
- 4 Applies to Transportation Service, Intrastate Transportation Service and Whiteman Air Force Base.

DATE OF ISSUE	: <u>September 24,</u> month day	2004 year	DATE EFFECTIVE:	October month	<u>2004</u> year
ISSUED BY:	Michael R. Noack	Miss	Director, Pricing ouri Gas Energy, Kansa		

Third Revised Second Revised

٦

Т

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

	PURCHASE	D GAS COST ADJUSTME PGA	<u>ENT</u>	
	This	sheet left blank intentiona	lly.	
				r F
DATE OF ISSUE:	<u>September 24, 20</u> month day year		IVE: <u>October 24,</u> month day	2004 year
ISSUED BY:N	lichael R. Noack	Director, P Missouri Gas Energy, I	<u>ricing and Regulatory</u> Kansas City, Missouri	<u>Affairs</u> 64111

Second Revised First Revised

"

Т

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

For:	All	Missouri	Service	<u>Areas</u>
		Commu	nity. Town	or Citv

	PURCHAS	ASED GAS COST ADJUSTMENT PGA	
r.	This she	sheet left blank intentionally.	
DATE OF ISSUE:		2004 DATE EFFECTIVE: October 24, 20 year month day)04 year
ISSUED BY:N		Director, Pricing and Regulatory Af Missouri Gas Energy, Kansas City, Missouri 64	fairs 1111

Fifth Revised Fourth Revised

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

For:	All	Missouri Service Areas
		Community, Town or City

PURCHASED GAS COST ADJUSTMENT PGA	
This sheet left blank intentionally.	
This sheet left blank intertionally.	
	1
	ł
DATE OF ISSUE: <u>September 24, 2004</u> DATE EFFECTIVE: <u>October 24, 2004</u>	
month day year month day year	
ISSUED BY: Michael R. Noack Director, Pricing and Regulatory Affairs	
ISSUED BY: <u>Michael R. Noack</u> <u>Director, Pricing and Regulatory Affairs</u> Missouri Gas Energy, Kansas City, Missouri 6411	1

Twenty Second Revised Twenty First_Revised SHEET No. 24.7 SHEET No. 24.7

Missouri Gas Energy, <u>a Division of Southern Union Company</u> Name of Issuing Corporation

For: All Missouri Service Areas Community, Town or City

PURCHASED GAS COST ADJUSTMENT PGA

This sheet left blank intentionally.

 DATE OF ISSUE:
 September 24, 2004 month
 DATE EFFECTIVE:
 October 24, 2004 month
 2004 year

 ISSUED BY:
 Michael R. Noack
 Director, Pricing and Regulatory Affairs Missouri Gas Energy, Kansas City, Missouri 64111