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Missouri Public Service Commission

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November 8, 2000

BRIAN D. KINKADE
Executive Director

GORDON L. PERSINGER
Director, Research and Public Affairs

WESS A. HENDERSON
Director, Utility Operations

ROBERT SCHALLENBERG
Director, Utility Services

DONNA M. KOLILIS
Director, Administration

DALE HARDY ROBERTS
Secretary/Chief Regulatory Law Judge

DANA K. JOYCE
General Counsel

Mr. Dale Hardy Roberts
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102

RE: Case No. GR-2000-520

Dear Mr. Roberts:

Enclosed for filing in the above-captioned case are an original and eight (8) conformed copies of a **STAFF RECOMMENDATION**.

This filing has been mailed or hand-delivered this date to all counsel of record.

Thank you for your attention to this matter.

Sincerely yours,

Leta L. Stenwell
Associate General Counsel
(573) 751-7431
(573) 751-9285 (Fax)

LLS/dkf
Enclosure
cc: Counsel of Record

FILED²

NOV 08 2000

Missouri Public
Service Commission

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

FILED²
NOV 08 2000
Missouri Public
Service Commission

In the matter of Missouri Public Service's)
Purchased Gas Adjustment factors to be)
reviewed in its 1999-2000 Actual Cost)
Adjustment.)

Case No. GR-2000-520

STAFF RECOMMENDATION

COMES NOW the Staff ("Staff") of the Missouri Public Service Commission ("Commission") in the above-captioned matter and for its recommendation states as follows:

1. On November 6, 2000, UtiliCorp United, Inc. d/b/a Missouri Public Service ("Company") submitted revised tariff sheets to be come effective on November 21, 2000. The filing was made to reflect changes in Company's Purchased Gas Adjustment ("PGA") factors for the upcoming winter season. In addition this tariff filing contains changes in the Actual Cost Adjustment (ACA) and Refund factors.

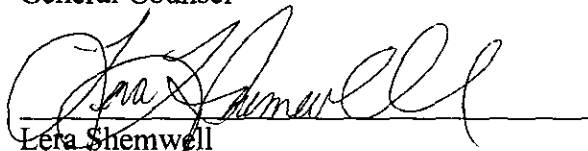
2. Staff has reviewed the proposed tariff filing, and recommends that it be approved effective November 21, 2000. The recommendation of the Gas Department – Tariffs/Rate Design Staff is attached as Attachment A hereto. Staff notes that good cause has been shown pursuant to §393.140 (11) RSMo (1994) to permit the tariff to become effective on less than thirty days notice. Staff also recommends that the rates be interim, subject to refund.

3. Because of the short time to review supporting documentation, the Procurement Analysis Department requests permission to submit its results and recommendations concerning this information to the Commission on or before September 1, 2001.

WHEREFORE, the Staff recommends that the Commission approve the proposed tariff sheet, and grant the Procurement Analysis Department's request to submit its recommendations concerning this ACA filing on or before September 1, 2001.

Respectfully submitted,

DANA K. JOYCE
General Counsel

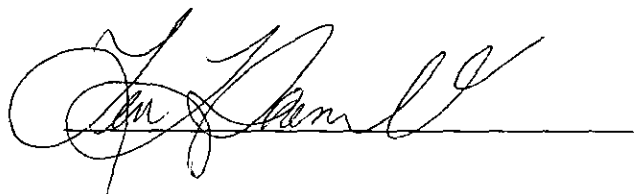


Lera Shemwell
Associate General Counsel
Missouri Bar No. 43792

Attorney for the Staff of the
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102
(573) 751-7431 (Telephone)
(573) 751-9285 (Fax)

Certificate of Service

I hereby certify that copies of the foregoing have been mailed or hand-delivered to all counsel of record as shown on the attached service list this 7th day of November 2000.



Service List for
Case No. GR-2000-520
November 8, 2000

Office of the Public Counsel
PO Box 7800
Jefferson City, MO 65102

Dean L. Cooper
Brydon, Swearengen & England
PO Box 456
Jefferson City, MO 65102

MEMORANDUM

TO: Missouri Public Service Commission Official Case File,
Case No. GR-2000-520, File No. 200100527,
Missouri Public Service

FROM: ^{JS} James A. Gray, Gas Department - Tariffs/Rate Design

Wendy Henderson 11-8-00 Thomas R. Schwanz Jr. 11/8/00
Utility Operations Division/Date General Counsel's Office/Date

SUBJECT: Staff Recommendation For Missouri Public Service's Scheduled Winter Season PGA Filing.

DATE: November 7, 2000

On November 6, 2000, Missouri Public Service (MPS or Company) of Kansas City, Missouri, filed tariff sheets proposed to become effective November 21, 2000. The tariff sheets were filed to reflect scheduled changes in MPS's Purchased Gas Adjustment (PGA) factors as the result of estimated changes in the cost of natural gas for the upcoming winter season. The winter season includes the months of November through March. Additionally, this tariff filing reflects changes in the Actual Cost Adjustment (ACA) and Refund factors.

On October 31, 2000, MPS filed a MOTION FOR VARIANCE (Motion). This Motion seeks a variance from its PGA tariff provisions to (1) allow the recovery of the current ACA balance over a three year period rather than a one year period and (2) allow the Scheduled Winter PGA filing to go into effect on November 21, 2000, instead of November 20, 2000, as required by its tariff. The change in the effective date was necessary because of a late filing.

Southern System:

For the Southern System (serving communities such as Sedalia and Clinton), the effect of these changes (PGA, ACA, and Refund) will increase the firm PGA factor for the 2000-2001 winter season to \$0.58957 per Ccf from an unscheduled summer season firm PGA factor of \$0.48226 per Ccf.

Northern System:

For the Northern System (serving communities such as Chillicothe and Trenton), the effect of these changes (PGA, ACA, and Refund) will increase the firm PGA factor for the 2000-2001 winter season to \$0.67027 per Ccf from an unscheduled summer season firm PGA factor of \$0.59872 per Ccf.

Eastern System:

For the Eastern System (serving communities such as Rolla and Owensville), the effect of these changes (PGA, ACA, and Refund) will increase the firm PGA factor for the 2000-2001 winter season to \$0.92690 per Ccf from an unscheduled summer season firm PGA factor of \$0.77026 per Ccf.

Mo PSC CASE NO. GR-2000-520
OFFICIAL CASE FILE MEMORANDUM
PAGE 2 OF 2

Case No. GR-2000-520, under which this change was filed, was established to track the Company's PGA factors to be reviewed in its 1999-2000 ACA filing. Case No. GR-99-435 was established to address MPS's PGA factors that will be reviewed in its 1998-1999 ACA filing. Interim subject to refund status should be maintained pending a final Commission decision in Case Nos. GR-99-435 and GR-2000-520.

Because of the short time available to review the documentation supporting the ACA factors represented in this filing, the Procurement Analysis Department (PAD) has requested permission to submit its results and recommendations regarding information included in this ACA filing to the Commission on or before September 1, 2001.

The Commission's Gas Department - Tariffs/Rate Design Staff (Staff) has reviewed the Motion For variance regarding the Eastern System's refund balance and the extension of the effective date to November 21, 2000. Staff recommends MPS's Motion be granted. However, Staff maintains that for clarity, these variances should be referred to as one-time variances (or one-time waivers).

The Staff has reviewed this filing and has determined that other than the requested variances, it was calculated in conformance with MPS's PGA Clause. Staff is of the opinion that good cause for approval of these tariff sheets on less than thirty days notice is demonstrated by MPS's Commission-approved PGA clause allowing for ten (10) business days notice for PGA change filings. Therefore, Staff recommends that the Commission grant MPS's Motion on a one-time basis as requested by the Company on October 31, 2000, and approve the following tariff sheets, interim, subject to refund:

P.S.C. MO. No. 5

21st Revised SHEET NO. 43 Canceling 20th Revised SHEET NO. 43
24th Revised SHEET NO. 44 Cancelling 23rd Revised SHEET NO. 44
14th Revised SHEET NO. 44.1 Canceling 13th Revised SHEET NO. 44.1

Copies: Director - Utility Operations Division
 Director - Research and Public Affairs Division
 Director - Utility Services Division
 General Counsel
 Manager - Financial Analysis Department
 Manager - Procurement Analysis Department
 Manager - Gas Department
 Karen S. Russell - Director of Rate Administration (MPS)
 Kent Kopetzky - Regulatory Analyst (MPS)
 Dean L. Cooper - Attorney for MPS (Brydon Swearngen & England, PC)
 Office of the Public Counsel

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

FILED²

OCT 31 2000

Missouri Public
Service Commission

In the Matter of Missouri Public Service's)
Purchased Gas Adjustment factors to be reviewed) Case No. GR-2000-520
in its 1999-2000 Actual Cost Adjustment.)

MOTION FOR VARIANCE

Comes now UtiliCorp United Inc. ("UtiliCorp") d/b/a Missouri Public Service ("MPS"), in accordance with Commission Rule 4 CSR 240-2.060(11), and as its motion for variance from a provision of MPS's P.S.C. No. 5, 4th Revised Sheet No. 34, states to the Missouri Public Service Commission ("Commission") as follows:

GENERAL BACKGROUND

1. UtiliCorp is a Delaware corporation, in good standing in all respects, with its principal office and place of business at 911 Main Street, Suite 3000, Kansas City, Missouri 64105. UtiliCorp is authorized to conduct business in Missouri through its MPS operating division and as such is engaged in providing electrical and natural gas utility service in its service areas subject to the jurisdiction of the Commission. A certified copy of MPS's Certificate of Corporate Good Standing-Foreign Corporation and fictitious name registration as issued by the Secretary of State of the State of Missouri was previously filed with the Commission in Case No. EM-2000-292 and is hereby incorporated by reference in accordance with 4 CSR 240-2.060(1)(G). MPS has no pending action or final unsatisfied judgments or decisions against it from any state or federal agency or court which involve customer service or rates. MPS has no annual report or assessment fees which are overdue.

2. All correspondence, communications, notices, order and decisions of the Commission

with respect to this matter should be sent to:

Karen Russell
UtiliCorp United Inc.
7101 Mercy Road
Suite 400
Omaha NE 68106
(402) 926-5273
(402) 996-9773 facsimile

Dean L. Cooper
BRYDON, SWEARENGEN & ENGLAND P.C.
312 E. Capitol Avenue
P. O. Box 456
Jefferson City, MO 65102
(573) 635-7166
(573) 635-0427 facsimile

VARIANCE

3. MPS's P.S.C. Mo. No. 5, 4th Revised Sheet No. 34 requires that it make two scheduled PGA filings each year and permits one unscheduled PGA filing during each winter period. The winter PGA is to be filed between October 15 and November 4 each year.

4. Due to Staff turnover, MPS will not have its filing prepared until Friday, November 3, 2000. Because November 4 is a Saturday, the filing will not be received by the Commission and "filed" until November 6, 2000. Consequently, MPS desires a waiver from its tariff to allow for the filing on its winter PGA on Monday, November 6, 2000.

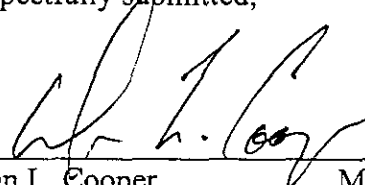
5. No party should be prejudiced by this waiver. The waiver would move the filing date only one business day later and should not significantly change any action that might be taken as a result of the filing.

WHEREFORE, MPS requests a Commission order:

a) granting MPS a variance from its P.S.C. Mo. No. 5, 4th Revised Sheet No. 34 in order to allow the filing of its winter PGA on November 6, 2000, rather than November 4, 2000; and,

b) granting such further relief as may be necessary which is consistent with the relief requested herein.

Respectfully submitted,

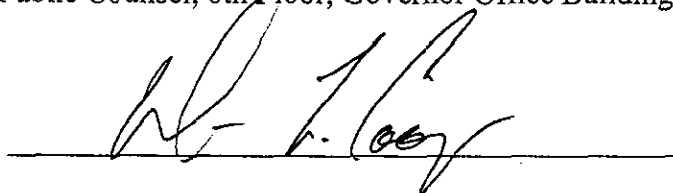


Dean L. Cooper MBE #36592
BRYDON, SWEARENGEN & ENGLAND P.C.
312 E. Capitol Avenue
P. O. Box 456
Jefferson City, MO 65102.
(573) 635-7166
(573) 635-0427 facsimile

ATTORNEYS FOR UTILICORP UNITED INC.
D/B/A MISSOURI PUBLIC SERVICE

CERTIFICATE OF SERVICE

The undersigned certifies that a true and correct copy of the foregoing document was either hand-delivered or mailed, U.S. Mail, postage prepaid, on the 31st day of October, 2000, to: Lera Shemwell, Missouri Public Service Commission, Governor Office Building, Jefferson City, Mo 65101; and, Douglas Micheel, Office of the Public Counsel, 6th Floor, Governor Office Building, Jefferson City, Mo 65101.



PEOPLES NATURAL GAS
ENERGYONE

November 3, 2000

Mr. Dale Hardy Roberts, Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
200 Madison St
Jefferson City, MO 65102

FILED

NOV 6 2000

Missouri Public
Service Commission

RE: Case No. GR-2000-520

Dear Mr. Roberts:

Enclosed are an original and two copies of PSC MO. No. 5, 21st Revised Sheet No. 43, 24th Revised Sheet No. 44 and 14th Revised Sheet No. 44.1 reflecting a change in the Purchased Gas Adjustment, Actual Cost Adjustment, Refund Factor, Take-Or-Pay Factor, Transition Cost Factor and Deferred Carrying Cost Balance of the Missouri Public Service Purchased Gas Adjustment Clause.

The Purchased Gas Adjustment Clause for Missouri Public Service (MPS) requires an annual actual cost adjustment for the over recovery or under recovery resulting from the operation of the Regular Purchased Gas Adjustment section of the Purchased Gas Adjustment Clause and a calculation of the Winter Period Purchased Gas Adjustment. Reconciliations for the Refund Factors, Transition Cost Factors and Deferred Carrying Cost Balance are also required.

Purchased Gas Adjustment

Enclosures 1, 2 and 3 reflect the Purchased Gas Adjustment (PGA) calculations for the Southern System, Northern System and Eastern System. Each PGA has been developed using NYMEX pricing weighted for the months of November 2000 through March 2001. The tariff rate changes for the Southern System are based on the Williams Gas Pipelines Central, Inc. filings of their FERC Gas Tariffs, Eleventh Revised Sheet No. 6, Sixteenth Revised Sheet No. 6A and Substitute Second Revised Sheet No. 6B. The tariff rate changes for the Northern System and Eastern System are based on the Panhandle Eastern Pipe Line Company filings of their FERC Gas Tariffs, Fifty-Seventh Revised Sheet No. 5, Sixtieth Revised Sheet No. 7, Tenth Revised Sheet No. 9, Twelfth Revised Sheet No. 11 and Twenty-Sixth Revised Sheet No. 19.

200100527

Actual Cost Adjustment

Enclosed as Enclosure 4 are minimum filing requirement schedules that are the basis of the Actual Cost Adjustment portion of this filing. Schedule 4 of Enclosure 4 is a summary showing revenue, purchased gas costs, and over or under recovery for the year ended August 2000 and the proposed changes in the ACA rates to be effective November 21, 2000. Detailed supporting workpapers are available for the Commission Staff audit.

The summary schedule shows that revenue recovery was less than purchased gas cost in the amount of \$989,909.52 for the Southern System, less than purchased gas cost in the amount of \$800,065.36 for the Northern System and less than purchased gas cost in the amount of \$872,698.98 for the Eastern System. Total revenue recovery was \$2,662,673.86 less than purchased gas cost.

Under separate cover, Missouri Public Service has filed a waiver requesting a variance from the provision of its tariff that requires the recovery of the ACA balance over a one-year period. MPS requests that it be allowed to recover that balance on its Eastern System over a three-year period.

Southern System Refund Factor

Enclosed as Enclosure 5 is a summary schedule detailing the activity for the refund factor under the Southern System. MPS received a refund from Williams Gas Pipelines Central, Inc. on September 12, 2000 in the amount of \$1,240.51 relating to Federal Energy Regulatory Commission (FERC) Docket No. RP00-302. Interest has been calculated by MPS at the annual rate of six percent from the date the refunds were received by MPS until six months after the refund rate is scheduled to be in effect in accordance with our Purchased Gas Adjustment Clause. Missouri Public Service has determined a new refund factor for the Southern System.

Northern System Refund Factor

Enclosed as Enclosure 6 is a summary schedule that details the activity for the refund factor under the Northern System. MPS received a refund from Panhandle Eastern Pipe Line Co. on June 14, 2000 in the amount of \$42,040.00 relating to Federal Energy Regulatory Commission (FERC) Docket No. RP91-299-000, et al. Interest has been calculated by MPS at the annual rate of six percent from the date the refunds were received by MPS until six months after the refund rate is scheduled to be in effect in accordance with our Purchased Gas Adjustment Clause. Missouri Public Service has determined a new refund factor for the Northern System.

Transition Cost - Southern System

Enclosure 7 lists the history of the payments made by Missouri Public Service to Williams Gas Pipelines Central, Inc. and the recovery of these payments from the Southern System customers. All of the payments have been made to Williams Gas Pipelines Central, Inc. on behalf of the Southern System customers. Williams Gas Pipelines Central, Inc. has ceased billings to Missouri Public Service for Transition costs. Missouri Public Service is carrying forward the remaining over recovery balance of \$4,044.75 to the annual ACA calculation.

Deferred Carrying Cost Balance


Enclosures 8, 9 and 10 reflect the Deferred Carrying Cost Balances for the Southern System, Northern System and Eastern System. Carrying costs are calculated on all Deferred Carrying Cost Balances that exceed ten percent of an average annual gas cost threshold. This results in carrying costs collected from the customer in the amount of \$959 for the Southern System, \$978 for the Northern System, and \$15,232 for the Eastern System.

Enclosures 11, 12 and 13 reflect the seasonal revenue impact associated with the gas cost recovery portion of the rates. The seasonal revenue impact results in an increase in the amount of \$6,346,828 or 61.42% for the Southern System, an increase in the amount of \$2,789,081 or 62.03% for the Northern System and an increase in the amount of \$875,215 or 50.74% for the Eastern System.

Enclosure 14 addresses issues from MO PSC Case No. GR-99-435. Detailed supporting workpapers are included for Commission Staff review.

Missouri Public Service respectfully requests that these rates become effective with volumes taken on and after November 21, 2000.

Sincerely,


Kent Kopetzky
Regulatory Analyst

Enclosures

cc: Office of the Public Counsel (2)

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 5

21st

(Original)

SHEET NO. 43was: ~~Cancelling~~
CancelingP.S.C. MO. No. 5

19th

(Revised)

SHEET NO. 43

(Original)

(Revised)

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: Southern System ✓

PURCHASED GAS ADJUSTMENT CLAUSE
(CONTINUED)

Adjustment Statement (Southern System)

As provided in this Purchased Gas Adjustment Clause, the following adjustment(s) will be made to the applicable rate schedules: ✓

	Δ	was	Rate Schedule GNG ✓	was	Rate Schedule LVF ✓	Rate Schedule LVI ✓	was	Δ
Regular PGA	.02515 ↑	54426	\$.56941	.02515 ↑	54426	\$.52580	.49153	.03427 ↑
Actual Cost Adjustment	.03180 ↑	5566	\$.02614	.0318 ↑	5566	\$ (.00777)	N/C	
Refunds			\$ (.00598)	.05036	34	\$ -0-		
TOP Factor			\$ -0-			\$ -0-		
TC Factor			\$ -0-			\$ -0-		
Total PGA Per Ccf ✓	.10731 ↑	48226	\$.58957	.10731 ↑	48226	\$.51803	.48376	.03427 ↑

The TOP and TC Factors, as provided in Sheets 39 through 40, shall also apply to all Ccf delivered to transportation customers on Missouri Public Service's Southern System except as provided for on Sheet No. 20. ✓

The ACA, Refund, TOP and TC factors as contained herein shall apply to all Ccf delivered to end-users receiving service under the Experimental SVTS-A schedule on an interim basis until the effective date of the Company's scheduled winter 2001 PGA filing. ✓

$$\frac{.10731}{.48226} = 22.25\% \uparrow$$

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

5

23rd
24th(Original)
(Revised) ✓
(Original)
(Revised) ✓

SHEET NO.

44 ✓

Cancelling P.S.C. MO. No.

5

22nd
23rd

SHEET NO.

44 ✓

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138 ✓

FOR: Northern System ✓

PURCHASED GAS ADJUSTMENT CLAUSE
(CONTINUED) ✓

Adjustment Statement (Northern System) ✓

As provided in this Purchased Gas Adjustment Clause, the following adjustment(s) will be made to the applicable rate schedules: ✓

	Δ	WAS:	Rate Schedule GNG ✓	WAS:	Rate Schedule LVF ✓	Δ	Rate Schedule LVI ✓	WAS	Δ
Regular PGA	.03598	.5898	\$.62578	.5898	\$.62578	.03598	\$.51679	.051679	.02922
Actual Cost Adjustment	.00379	.00944	\$.04738	.0044	\$.04738	.03794	\$ -0-		
Refunds	.00237	.00052	\$ (.00289)	.00052	\$ (.00289)	.00237	\$ -0-		
TOP Factor			\$ -0-		\$ -0-		\$ -0-		
TC Factor			\$ -0-		\$ -0-		\$ -0-		
Total PGA Per Ccf ✓	.07155	.59872	\$.67027	.59872	\$.67027	.07155	\$.51679	.051679	.02922

The TOP and TC Factors, as provided in Sheets 39 through 40, shall also apply to all Ccf delivered to transportation customers on Missouri Public Service's Northern System except as provided for on Sheet No. 20. ✓

The ACA, Refund, TOP and TC factors as contained herein shall apply to all Ccf delivered to end-users receiving service under the Experimental SVTS-A schedule on an interim basis until the effective date of the Company's scheduled winter 2001 PGA filing. ✓

$$\frac{.07155}{.59872} = 11.95\% \uparrow$$

July 20

DATE OF ISSUE: November 6, 2000

ISSUED BY: Steven M. Jurek, Regulatory Services ✓

September 1

DATE EFFECTIVE: November 21, 2000

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

5

13

14th

(Original)

SHEET NO.

44.1

Canceling P.S.C. MO. No.

5

12th

13th

(Revised)

(Original)

(Revised)

SHEET NO.

44.1

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: Eastern System

PURCHASED GAS ADJUSTMENT CLAUSE
(CONTINUED)

Adjustment Statement (Eastern System)

As provided in this Purchased Gas Adjustment Clause, the following adjustment(s) will be made to the applicable rate schedules:

	A	WAS	Rate Schedule GNG		WAS	Rate Schedule LVF	A		Rate Schedule LVI	WAS	A
Regular PGA	.18616↑	.66400	\$.85016		.66400	\$.85016	.18616↑		\$.72318	.69988	.0233↑
Actual Cost Adjustment		.10626	\$.07674		.10626	\$.07674	.02952↓		\$ -0-		
Refunds	.03952↓		\$ -0-			\$ -0-			\$ -0-		
TOP Factor			\$ -0-			\$ -0-			\$ -0-		
TC Factor			\$ -0-			\$ -0-			\$ -0-		
Total PGA Per Ccf	.15664↑	.77026	\$.92690		.77026	\$.92690	.15664↑		\$.72318	.69988	.0233↑

The TOP and TC Factors, as provided in Sheets 39 through 40, shall also apply to all Ccf delivered to transportation customers on Missouri Public Service's Eastern System except as provided for on Sheet No. 20.

The ACA, Refund, TOP and TC factors as contained herein shall apply to all Ccf delivered to end-users receiving service under the Experimental SVTS-A schedule on an interim basis until the effective date of the Company's scheduled winter 2001 PGA filing.

$$\frac{.15664}{.77026} = 20.34\%$$

MEMORANDUM

TO: Jim Gray
FROM: ^{PL} Phil Lock
DATE: October 25, 2000
SUBJECT: Request for Time to Conduct the ACA Audit in Case No. GR-2000-520,
Missouri Public Service.

In order to perform a thorough and complete audit of Missouri Public Service 1999-2000 ACA filing in Case No. GR-2000-520, the Procurement Analysis Department requests that it be allowed to file its recommendation regarding the current ACA information on or before September 1, 2001.

CC: Bob Schallenberg
Dave Sommerer

Missouri Public Service
Case No. GR-2000-520, File No. 200100527

Southern System

(Tariff Sheet No. 43)

GNG Rate Schedule				
	Current	Proposed	Change	% Change
Regular PGA	0.54426	0.56941	0.02515	4.62%
Actual Cost Adjustment	(0.00566)	0.02614	0.03180	561.84%
Refunds	(0.05634)	(0.00598)	0.05036	89.39%
TOP Factor	-	-	-	
TC Factor	-	-	-	
Total PGA per Ccf	0.48226	0.58957	0.10731	22.25%

LVF Rate Schedule			
Current	Proposed	Change	% Change
0.54426	0.56941	0.02515	4.62%
(0.00566)	0.02614	0.03180	561.84%
(0.05634)	(0.00598)	0.05036	89.39%
-	-	-	
-	-	-	
0.48226	0.58957	0.10731	22.25%

LVI Rate Schedule			
Current	Proposed	Change	% Change
0.49153	0.52580	0.03427	6.97%
(0.00777)	(0.00777)	-	0.00%
-	-	-	
-	-	-	
-	-	-	
0.48376	0.51803	0.03427	7.08%

Northern System

(Tariff Sheet No. 44)

GNG Rate Schedule				
	Current	Proposed	Change	% Change
Regular PGA	0.58980	0.62578	0.03598	6.10%
Actual Cost Adjustment	0.00944	0.04738	0.03794	401.91%
Refunds	(0.00052)	(0.00289)	(0.00237)	-455.77%
TOP Factor	-	-	-	
TC Factor	-	-	-	
Total PGA per Ccf	0.59872	0.67027	0.07155	11.95%

LVF Rate Schedule			
Current	Proposed	Change	% Change
0.58980	0.62578	0.03598	6.10%
0.00944	0.04738	0.03794	401.91%
(0.00052)	(0.00289)	(0.00237)	-455.77%
-	-	-	
-	-	-	
0.59872	0.67027	0.07155	11.95%

LVI Rate Schedule			
Current	Proposed	Change	% Change
0.48757	0.51679	0.02922	5.99%
-	-	-	
-	-	-	
-	-	-	
-	-	-	
0.48757	0.51679	0.02922	5.99%

Eastern System

(Tariff Sheet No. 44.1)

GNG Rate Schedule				
	Current	Proposed	Change	% Change
Regular PGA	0.66400	0.85016	0.18616	28.04%
Actual Cost Adjustment	0.10626	0.07674	(0.02952)	-27.78%
Refunds	-	-	-	
TOP Factor	-	-	-	
TC Factor	-	-	-	
Total PGA per Ccf	0.77026	0.92690	0.15664	20.34%

LVF Rate Schedule			
Current	Proposed	Change	% Change
0.66400	0.85016	0.18616	28.04%
0.10626	0.07674	(0.02952)	-27.78%
-	-	-	
-	-	-	
-	-	-	
0.77026	0.92690	0.15664	20.34%

LVI Rate Schedule			
Current	Proposed	Change	% Change
0.69988	0.72318	0.02330	3.33%
-	-	-	
-	-	-	
-	-	-	
-	-	-	
0.69988	0.72318	0.02330	3.33%

WINTER SEASON

Approximate Billing Impact Of 888 Ccf per Winter Season
Missouri Public Service - Southern System
Residential Heating Customer

Prior Winter Season (Months)	Ccf Usage	Total Fuel Bill (\$)
November 1999	97	66.05
December	179	114.28
January 2000	236	147.81
February	217	136.64
March	159	102.52
5 Month Winter Season Total	888	\$567.30

Forecasted Winter Season (Months)	Ccf Usage	Total Fuel Bill (\$)
* November 2000	97	87.81
* December	179	154.44
* January 2001	236	200.75
* February	217	185.32
* March	159	138.19
5 Month Winter Season Total	888	\$766.51

REMARKS

For a typical residential customer using approximately 888 Ccf during the winter season (November - March), natural gas rates will increase by \$199.21 or approximately 35% when comparing the fuel bills for the prior winter season ending March 2000 with the winter season ending March 2001.

Notes:

- (1) Total fuel bill does not include gross receipts or local sales taxes.
 - (2) Monthly usage priced at the rates in effect during the appropriate time period.
 - (3) Tariff Sheet No. 2: Customer Charge = \$9.00; Energy Charge = \$0.22295 per Ccf;
- ^ Tariff Sheet No. 43: PGA Charge = \$0.36523 per Ccf;
* Tariff Sheet No. 43: PGA Charge = \$0.58957 per Ccf;

Missouri Public Service Commission
November 2000

Mississippi Public Service - Southern System
2000-2001 Winter Season Revenue Impact from 11/6/00 Filing

Month	PGA Factor	Month	PGA Factor	PGA Change (11/6/00)	Revenue Impact (Winter Season)
Nov 1999	\$0.3652	Nov 2000	\$0.58957	\$0.22434	\$686,144
Dec	\$0.3652	Dec	\$0.58957	\$0.22434	\$1,286,519
Jan 2000	\$0.3652	Jan 2001	\$0.58957	\$0.22434	\$1,715,359
Feb	\$0.3652	Feb	\$0.58957	\$0.22434	\$1,543,823
Mar	\$0.3652	Mar	\$0.58957	\$0.22434	\$1,114,983

Firm Sales Volume @ Burnertip (MPS Confidential Workpapers - SOUTHERN , File No. 200100527)

38,231,230 Ccf

Winter Season Revenue Change:

\$6,346,828 Increase

- 1) Docket GR-2000-520
- 2) File No. 200100527
- 3) Prepared By: Jim Gray
- 4) Date Prepared: 11/8/00

Month	Estimated Customer Usage Ccf/Mnth	Estimated % Ccf/Yr	Estimated Company Sales Ccf/Mnth
Nov	97	8%	3,058,498
Dec	179	15%	5,734,685
Jan	236	20%	7,646,246
Feb	217	18%	6,881,621
Mar	159	13%	4,970,060
Apr	96	8%	3,058,498
May	53	4%	1,529,249
Jun	36	3%	1,146,937
Jul	28	2%	764,625
Aug	27	2%	764,625
Sep	30	3%	1,146,937
Oct	42	4%	1,529,249
TOTAL	1200	100%	38,231,230

WINTER SEASON

Approximate Billing Impact Of 888 Ccf per Winter Season
Missouri Public Service - Northern System
Residential Heating Customer

Prior Winter Season (Months)	Ccf Usage	Total Fuel Bill (\$)
^ November 1999	97	70.75
^ December	179	122.95
^ January 2000	236	159.24
^ February	217	147.14
^ March	159	110.22
5 Month Winter Season Total	888	\$610.30

Forecasted Winter Season (Months)	Ccf Usage	Total Fuel Bill (\$)
* November 2000	97	95.64
* December	179	168.89
* January 2001	236	219.80
* February	217	202.83
* March	159	151.02
5 Month Winter Season Total	888	\$838.18

REMARKS

For a typical residential customer using approximately 888 Ccf during the winter season (November - March), natural gas rates will increase by \$227.88 or approximately 37% when comparing the fuel bills for the prior winter season ending March 2000 with the winter season ending March 2001.

Notes:

- (1) Total fuel bill does not include gross receipts or local sales taxes.
- (2) Monthly usage priced at the rates in effect during the appropriate time period.
- (3) Tariff Sheet No. 2: Customer Charge = \$9.00; Energy Charge = \$0.22295 per Ccf;
- ^ Tariff Sheet No. 44: PGA Charge = \$0.41366 per Ccf;
- * Tariff Sheet No. 44: PGA Charge = \$0.67027 per Ccf;

Missouri Public Service Commission
November 2000

Missoula Public Service - Northern System
2000-2001 Winter Season Revenue Impact from 11/6/00 Filing

Month	PGA Factor	Month	PGA Factor	PGA Change (11/6/00)	Revenue Impact (Winter Season)
Nov 1999	\$0.4137	Nov 2000	\$0.67027	\$0.25661	\$301,522
Dec	\$0.4137	Dec	\$0.67027	\$0.25661	\$565,354
Jan 2000	\$0.4137	Jan 2001	\$0.67027	\$0.25661	\$753,806
Feb	\$0.4137	Feb	\$0.67027	\$0.25661	\$678,425
Mar	\$0.4137	Mar	\$0.67027	\$0.25661	\$489,974

Firm Sales Volume @ Burnertip (MPS Confidential Workpapers - NORTHERN , File No. 200100527)

14,687,770 Ccf

Winter Season Revenue Change:

\$2,789,081 Increase

- 1) Docket GR-2000-520
- 2) File No. 200100527
- 3) Prepared By: Jim Gray
- 4) Date Prepared: 11/8/00

Month	Estimated Customer Usage Ccf/Mnth	Estimated % Ccf/Yr	Estimated Company Sales Ccf/Mnth
Nov	97	8%	1,175,022
Dec	179	15%	2,203,166
Jan	236	20%	2,937,554
Feb	217	18%	2,643,799
Mar	159	13%	1,909,410
Apr	96	8%	1,175,022
May	53	4%	587,511
Jun	36	3%	440,633
Jul	28	2%	293,755
Aug	27	2%	293,755
Sep	30	3%	440,633
Oct	42	4%	587,511
TOTAL	1200	100%	14,687,770

WINTER SEASON

Approximate Billing Impact Of 888 Ccf per Winter Season
Missouri Public Service - Eastern System
Residential Heating Customer

	Prior Winter Season (Months)	Ccf Usage	Total Fuel Bill (\$)
^	November 1999	97	90.27
^	December	179	158.97
^	January 2000	236	206.73
^	February	217	190.81
#	March	159	149.49
	5 Month Winter Season Total	888	\$796.27

	Forecasted Winter Season (Months)	Ccf Usage	Total Fuel Bill (\$)
*	November 2000	97	120.54
*	December	179	214.82
*	January 2001	236	280.36
*	February	217	258.52
*	March	159	191.83
	5 Month Winter Season Total	888	\$1,066.07

REMARKS

For a typical residential customer using approximately 888 Ccf during the winter season (November - March), natural gas rates will increase by \$269.80 or approximately 34% when comparing the fuel bills for the prior winter season ending March 2000 with the winter season ending March 2001.

Notes:

- (1) Total fuel bill does not include gross receipts or local sales taxes.
- (2) Monthly usage priced at the rates in effect during the appropriate time period.
- (3) Tariff Sheet No. 2: Customer Charge = \$9.00; Energy Charge = \$0.22295 per Ccf;
- ^ Tariff Sheet No. 44.1: PGA Charge = \$0.61489 per Ccf;
- # Tariff Sheet No. 44.1: PGA Charge = \$0.66062 per Ccf
- * Tariff Sheet No. 44.1: PGA Charge = \$0.92690 per Ccf;

Missouri Public Service Commission
November 2000

Missouri Public Service - Eastern System
20000-2001 Winter Season Revenue Impact from 11/6/00 Filing

Month	PGA Factor	Month	PGA Factor	PGA Change (11/6/00)	Revenue Impact (Winter Season)
Nov 1999	\$0.6149	Nov 2000	\$0.9269	\$0.31201	\$94,618
Dec	\$0.6149	Dec	\$0.9269	\$0.31201	\$177,409
Jan 2000	\$0.6149	Jan 2001	\$0.9269	\$0.31201	\$236,545
Feb	\$0.6149	Feb	\$0.9269	\$0.31201	\$212,890
Mar	\$0.6606	Mar	\$0.9269	\$0.26628	\$131,219

Firm Sales Volume @ Burnertip (MPS Confidential Workpapers - EASTERN , File No. 200100527)

3,790,660 Ccf

Winter Season Revenue Change:

\$852,681 Increase

- 1) Docket GR-2000-520
- 2) File No. 200100527
- 3) Prepared By: Jim Gray
- 4) Date Prepared: 11/8/00

Month	Estimated Customer Usage Ccf/Mnth	Estimated % Ccf/Yr	Estimated Company Sales Ccf/Mnth
Nov	97	8%	303,253
Dec	179	15%	568,599
Jan	236	20%	758,132
Feb	217	18%	682,319
Mar	159	13%	492,786
Apr	96	8%	303,253
May	53	4%	151,626
Jun	36	3%	113,720
Jul	28	2%	75,813
Aug	27	2%	75,813
Sep	30	3%	113,720
Oct	42	4%	151,626
TOTAL	1200	100%	3,790,660