

February 22, 2000

UTILICORP UNITED

Mr. Dale Hardy Roberts, Secretary, Chief Regulatory Law Judge
Missouri Public Service Commission
301 West High
Jefferson City, MO 65101

FILED²
FEB 23 2000

Dear Mr. Roberts:

G R-2000-520 Missouri Public Service Commission

Enclosed are an original and two copies of PSC MO. No. 5, 11th Revised Sheet No. 44.1 reflecting a change in the Purchased Gas Adjustment of the Missouri Public Service Purchased Gas Adjustment Clause.

This unscheduled Purchased Gas Adjustment filing for the Missouri Public Service Eastern System is due to a large under recovery in the winter period since the winter filing effective November 9, 1999.

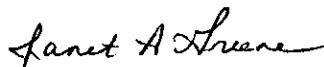
Enclosure 1 reflects the Purchased Gas Adjustment calculations for the Eastern System. The tariff rate changes for the Eastern System are based on the Panhandle Eastern Pipe Line Company filings of their FERC Gas Tariffs, Fifty-Fourth Revised Sheet No. 5, Fifty-Sixth Revised Sheet No. 7, and Twenty-Fourth Revised Sheet No. 19.

Enclosure 2 reflects the estimated Deferred Carrying Cost Balance through August 2000 for the Eastern System. The projected under recovery through the winter period ending March 2000 is 23.37% of Missouri Public Service's Annual Gas Cost Level, which is higher than the 15% required to make an unscheduled winter Purchased Gas Adjustment filing.

The seasonal revenue impact associated with the gas cost recovery portion of the rates is an increase in the amount of \$37,839 or 7.44% for the remainder of the winter season for the Eastern System as determined on Enclosure 3.

Missouri Public Service respectfully requests that these unscheduled winter Purchased Gas Adjustment rates become effective with volumes taken on and after March 8, 2000.

Sincerely,



Janet A. Greene
Rate Analyst

Enclosures
cc: Office of the Public Counsel (2)

200000759

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

5

11th

(Original)
(Revised)
(Original)
(Revised)

SHEET NO. 44.1

Cancelling P.S.C. MO. No.

5

10th

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:

	Rate Schedule <u>GNG</u>	Rate Schedule <u>LVF</u>	Rate Schedule <u>LVI</u>
Regular PGA	\$.55436	\$.55436	\$.57380
Actual Cost Adjustment	\$.10626	\$.10626	\$ -0-
Refunds	\$ -0-	\$ -0-	\$ -0-
TOP Factor	\$ -0-	\$ -0-	\$ -0-
TC Factor	\$ -0-	\$ -0-	\$ -0-
Total PGA Per Ccf	\$.66062	\$.66062	\$.57380

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.

MISSOURI PUBLIC SERVICE
**Eastern System Annualized Gas Cost Calculation
To Reflect Current PEPL & Spot Market Rates**
Enclosure 1

FIRM	Annual/ Seasonal Volume	Monthly Capacity Reserved	No. of Mths Reserved	Tariff Rate	Annual Cost
<u>Panhandle Eastern Pipe Line</u>					
Winter (Nov-Mar)					
FT Reservation (Field Zone)		4,700	5	\$4.7300	\$111,155
FT Reservation (Market Zone)		4,700	5	\$5.9000	\$138,650
					<u>\$249,805</u>
Winter Sales Volume at Burnertip	462,120				
Winter Cost per MCF at Burnertip					<u>\$0.5406</u>
Summer (Apr-Oct) Volumetric Rate					
100% LF of Max Rate (Fld-4 Blks)					\$0.3495
Summer Cost per MCF at Burnertip					\$0.3495
<u>Missouri Pipeline Company</u>					
Rolla					
FT Reservation		2,695	12	\$4.3181	\$139,647
Salem					
FT Reservation		2,500	12	\$0.7500	\$22,500
Owensville					
FT Reservation		1,900	12	\$0.5000	\$11,400
<u>Missouri Gas Company</u>					
Rolla					
FT Reservation		2,695	12	\$5.7500	\$185,955
Salem					
FT Reservation		2,500	12	\$13.1700	\$395,100
Owensville					
FT Reservation		1,900	12	\$8.0000	\$182,400
Total Eastern System MoPipe & MoGas Costs					<u><u>\$937,002</u></u>
Spot Market Purchases	626,579			\$3.4909	\$2,187,324
Total Eastern System Costs					<u><u>\$3,124,327</u></u>
Sales Volume at Burnertip	<u>624,486</u>				
Cost per MCF at Burnertip					<u>\$5.0030</u>
Winter PGA					
Total Cost per MCF at Burnertip					<u><u>\$5.5436</u></u>
				February 2000 Gas Commodity Costs	\$2.9909
				Adjustment for Unscheduled PGA Filing	\$0.5000
				Total Feb 2000 Gas Commodity Costs Including Adjustment	\$3.4909
<u>INTERRUPTIBLE</u>					
<u>Panhandle Eastern Pipe Line</u>					
IT (Field Zone)	\$0.1750		@ 150%		\$0.2625
IT (Market Zone)	\$0.2032		@ 150%		\$0.3048
<u>Missouri Pipeline Company</u>					
Commodity	\$0.3036				\$0.3036
<u>Missouri Gas Company</u>					
Commodity	\$1.3762				\$1.3762
Spot Market Price Per MCF	\$3.4909				\$3.4909
Cost per MCF at Burnertip					<u><u>\$5.7380</u></u>

MISSOURI PUBLIC SERVICE - EASTERN SYSTEM

Gas Cost Inputs

MPS Line Loss	0.334%
MoGas/MoPipe Line Loss	0.43%

PEPL RATES

PEPL EFT Reservation Rates

Field Zone Reservation	\$4.73
Market Zone Access	\$3.30
Market Zone Mileage 301-400 Block	\$2.40
GRI Funding Unit	\$0.2000
Settlement Surcharges	\$0.0000
Canadian Resolution Surcharges	\$0.0000
GSR Surcharge	\$0.0000
Stranded Transportation Cost Surcharge	\$0.0000
Miscellaneous Stranded Costs Surcharge	\$0.0000

PEPL Interruptible Rates

Field Zone	\$0.1750
Market Zone Access	\$0.0924
Market Zone Mileage	\$0.0888
GRI Funding Unit	\$0.0072
ACA Unit Charge	\$0.0022
TOP Volumetric Surcharge	\$0.0000
Settlement Surcharges	\$0.0000
Canadian Resolution Surcharges	\$0.0000
Stranded Transportation Cost Surcharge	\$0.0000
Miscellaneous Stranded Costs Surcharge	\$0.0126

PEPL Gathering Loss	0.37%
PEPL Field Zone Loss	0.81%
PEPL Market Zone Loss	1.80%

PEPL EFT Commodity Rates

Market Zone Access	\$0.0006
Market Zone Mileage 301-400	\$0.0100
GRI Funding Unit	\$0.0072
ACA Unit Charge	\$0.0022
TOP	\$0.0000
Settlement Charges	\$0.0000

EFT Commodity Rates	\$0.0200
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Field Zone Commodity	\$0.0195
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Total EFT Commodity Rates	\$0.0395
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Note: From FERC Gas Tariff: PEPL Fifty-Fourth Revised Sheet No. 5 Effective 1/01/2000, Fifty-Sixth Revised Sheet No. 7, effective 1/01/2000, and Twenty-Fourth Revised Sheet No. 19 Effective 2/10/2000.

Annual Throughput at Burnertip	624,486	352,757
Annual Throughput at Citygate	626,579	353,939
MOGAS & MPC	629,285	
Annual Throughput at Wellhead	646,052	

Seasonal Sales Volume @ Burnertip

Jan	122,816
Feb	112,928
Mar	82,744
Apr	49,959
May	27,581
Jun	18,735
Jul	14,571
Aug	14,051
Sep	15,612
Oct	21,857
Nov	50,479
Dec	93,153
TOTAL	624,486

Missouri Public Service
Division of Utility Corp United Inc.
Eastern System
Gas Commodity Cost Calculation

Inside FERC Posted Price February 2000	\$ 2.50
MoGas/MoPipe Fuel Loss	0.43%
PEPL Market Zone Fuel Loss	1.80%
PEPL Field Zone Fuel Loss	0.81%
Gathering Fuel Loss	<u>0.37%</u>

PEPL Index Adjusted for Fuel	\$ 2.5873
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PEPL Cost/Dth Field Zone	\$0.0195
PEPL Cost/Dth - Market Zone	<u>\$0.0200</u>
Total PEPL Commodity Cost	<u>\$2.6268</u>

PEPL Cost	\$2.6268
MoPipe Cost/Dth - Rolla	\$0.1699
MoGas Cost/Dth - Rolla	\$0.2500
Rolla	\$3.0467

PEPL Cost	\$2.6268
MoPipe Cost/Dth - Salem	\$0.0500
MoGas Cost/Dth - Salem	\$0.2200
Total Salem	\$2.8968

PEPL Cost	\$2.6268
MoPipe Cost/Dth - Owensville	\$0.0500
MoGas Cost/Dth - Owensville	\$0.0800
Total Owensville	\$2.7568

		Percent Split	
Rolla	\$3.0467	69.20%	\$ 2.1083
Salem	\$2.8968	23.92%	\$ 0.6929
Owensville	\$2.7568	6.88%	\$ 0.1897

\$ 2.9909

Total Gas Commodity Costs

\$ 2.9909

**Missouri Public Service
Eastern System
Deferred Carrying Cost Balance (DCCB) Calculation
1999-00 ACA Year**

Annual Gas Cost Level

Gas Cost from Nov 99 ACA calculation	1,927,398
Gas Cost from Nov 98 ACA calculation	1,842,919
Gas Cost from Nov 97 ACA calculation	1,181,660
Average of 3 most recent gas cost calculations	1,850,658
	10%
10% of average annual gas cost threshold	185,066

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Sales Volumes (in Mcf)	8,776	11,968	18,284	27,818	57,654	62,458	56,160	45,530	20,951	11,417	7,241	8,335	338,590
Cost of Gas Purchased and Produced	92,464	122,111	194,772	312,385	314,646	260,349	290,777	135,480	103,302	98,006	95,191	89,649	2,107,111
PGA - Estimated Annualized Unit Cost of Gas	\$3.7786	\$3.7786	\$3.8621	\$4.9994	\$5.0863	\$5.0863	\$5.3912	\$5.5436	\$5.5436	\$5.5436	\$5.5436	\$5.5436	
Actual Annualized Unit Cost of Gas	10.5363	10.2033	10.6526	11.2287	5.4575	4.1685	5.1776	2.9756	4.9307	8.4090	13.1460	10.7554	
Difference	-6.7577	-6.4247	-6.7905	-6.2293	-0.3712	0.9178	0.2135	2.5680	0.6129	-2.8654	-7.6024	-5.2118	
Actual Sales Volumes	8,776	11,968	18,284	27,818	57,654	62,458	56,160	45,530	20,951	11,417	7,241	8,335	
DCCB Monthly Over/(Under) Recovery	(59,304)	(76,889)	(124,157)	(173,290)	(21,403)	57,323	11,892	116,922	12,840	(32,715)	(55,049)	(43,441)	
1999-00 DCCB Yr to Date Over/(Under) Recovery	(59,304)	(136,193)	(260,351)	(433,641)	(455,044)	(397,721)	(385,728)	(268,906)	(255,968)	(288,681)	(343,731)	(387,172)	
10% of average annual gas cost threshold	185,066	185,066	185,066	185,066	185,066	185,066	185,066	185,066	185,066	185,066	185,066	185,066	
Absolute Value Rcvry Bal that exceeds threshold	-	-	95,285	268,575	289,978	232,655	220,663	103,740	90,901	123,615	178,665	222,106	
Over/(Und) Rcvry Bal that exceeds 10% threshold	-	-	(95,285)	(268,575)	(289,978)	(232,655)	(220,663)	(103,740)	(90,901)	(123,615)	(178,665)	(222,106)	
Interest at Prime Rate - Wall Street Journal - 1%	7.25%	7.25%	7.50%	7.50%	7.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Carrying Costs Refunded/(Collected)	-	-	(598)	(1,679)	(1,812)	-	-	-	-	-	-	-	(4,086)
DCCB Percent of Avg Annual Gas Costs	-3.59%	-8.25%	-15.77%	-28.27%	-27.57%	-24.09%	-23.37%	-18.28%	-15.51%	-17.49%	-20.82%	-23.46%	

Note: The DCCB will become 0 at the beginning of each new ACA period (Sep).

Missouri Public Service
Prior Period Adjustment Summary
99-00 ACA Year

Eastern System

	Annual Gas Cost Level Adjustment Summary
Gas Cost from Nov 99 ACA calculation	1,927,296.91
Adjustments:	
Subtract out reversal of estimate in Nov 99 ACA calc.	(358,126.99)
9/98 tracker - 98 portion of PEPL pipeline credit	234,421.43
9/98 tracker - 8/98 ppa debit for H & P invoice	(29.33)
9/98 tracker - 2/98 ppa credit for H & P invoice	538.65
9/98 tracker - 12/97 ppa credit for MoPipe invoice	7,012.11
9/98 tracker - 97 portion of PEPL pipeline credit	65,558.57
9/98 tracker - 96 portion of PEPL pipeline credit	4,979.26
9/98 tracker - 95 portion of PEPL pipeline credit	39,477.57
12/98 tracker - 10/97 ppa credit for Aquila invoice	76.59
3/99 tracker - 12/97 ppa credit for MoGas invoice	6,190.80
Total Adjusted Gas Cost Nov 99 ACA	1,927,395.57

Gas Cost from Nov 98 ACA calculation	1,822,414.16
Adjustments:	
Add back estimated adj included in Nov 98 ACA calc.	358,126.99
9/98 tracker - 98 portion of PEPL pipeline credit	(234,421.43)
9/98 tracker - 8/98 ppa debit for H & P invoice	29.33
9/98 tracker - 2/98 ppa credit for H & P invoice	(538.65)
9/98 tracker - 12/97 ppa credit for MoPipe invoice	(7,012.11)
12/98 tracker - 10/97 ppa credit for Aquila invoice	(76.59)
3/99 tracker - 12/97 ppa credit for MoGas invoice	(6,190.80)
9/97 tracker - ppa for 8/97 (a)	(500.00)
6/98 tracker - ppa for 2/96 (b)	4,386.85
6/98 tracker - ppa for 2/96 (c)	2,602.47
8/98 tracker - ppa for 7/95 (d)	(95,901.00)
Total Adjusted Gas Cost Nov 98 ACA	1,842,919.22

Gas Cost from Nov 97 ACA calculation	1,232,612.00
Adjustments:	
9/98 tracker - 97 portion of PEPL pipeline credit	(65,558.57)
9/97 tracker - ppa for 8/97 (a)	500.00
9/96 tracker - ppa for 2/96-5/96 (e)	7,513.14
9/96 tracker - ppa for 2/96-5/96 (f)	12,790.79
9/96 tracker - ppa for 2/96 (g)	(5,460.46)
6/97 tracker - ppa for 2/96-7/96 (h)	(737.15)
Total Adjusted Gas Cost Nov 97 ACA	1,181,659.75

Adjustment related to time period prior to 96-97 ACA	
9/98 tracker - 96 portion of PEPL pipeline credit	(4,979.26)
6/98 tracker - ppa for 2/96 (b)	(4,386.85)
6/98 tracker - ppa for 2/96 (c)	(2,602.47)
9/96 tracker - ppa for 2/96-5/96 (e)	(7,513.14)
9/96 tracker - ppa for 2/96-5/96 (f)	(12,790.79)
9/96 tracker - ppa for 2/96 (g)	5,460.46
6/97 tracker - ppa for 2/96-7/96 (h)	737.15
9/98 tracker - 95 portion of PEPL pipeline credit	(39,477.57)
8/98 tracker - ppa for 7/95 (d)	95,901.00

**Missouri Public Service
Eastern System
1999-2000 Winter Season Revenue Impact from Winter PGA Filing**

Original Calculation Filed

Month	PGA Factor	Month	PGA Factor	PGA Change (11/99)	Revenue Impact (Winter Season)
Nov-98	5.1261	Nov-99	6.1489	1.0228	51,630
Dec-98	5.1261	Dec-99	6.1489	1.0228	95,276
Jan-99	5.1261	Jan-00	6.1489	1.0228	125,616
Feb-99	5.1261	Feb-00	6.1489	1.0228	115,503
Mar-99	5.1261	Mar-00	6.1489	1.0228	84,631

Estimated Winter Season Change in Revenue 472,656

Percent Change Between PGA Factors 19.95%

Unscheduled Filing Revised Calculation for March 2000

Month	PGA Factor	Month	PGA Factor	PGA Change (3/00)	Revenue Impact (Winter Season)
Mar-00	6.1489	Mar-00	6.6062	0.4573	37,839

Additional Estimated Winter Season Change in Revenue March 2000 37,839

Percent Change Between Original & Revised March 2000 PGA Factors 7.44%

Firm Sales Volume @ Burnertip

624,486

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	122,816
Feb	21.7	18.08%	112,928
Mar	15.9	13.25%	82,744
Apr	9.6	8.00%	49,959
May	5.3	4.42%	27,581
Jun	3.6	3.00%	18,735
Jul	2.8	2.33%	14,571
Aug	2.7	2.25%	14,051
Sep	3	2.50%	15,612
Oct	4.2	3.50%	21,857
Nov	9.7	8.08%	50,479
Dec	17.9	14.92%	93,152
TOTAL	120	100%	624,486

Note: Estimated Customer Usage Obtained from Missouri Public Service Commission.