

Gas Supply Services
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April 3, 2000

UTILICORP UNITED

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

FILED

APR 5 2000

Dear Mr. Roberts:

GR-2000-520

Missouri Public
Service Commission

Enclosed are an original and two copies of PSC MO. No. 5, 18th Revised Sheet No. 43 reflecting a change in the Purchased Gas Adjustment and Refund Factor, and 21st Revised Sheet No. 44 reflecting a change in the Purchased Gas Adjustment of the Missouri Public Service Purchased Gas Adjustment Clause.

Enclosures 1, 2 and 3 reflect the Purchased Gas Adjustment calculations for the Southern System, Northern System and Eastern System. Each PGA has been developed using NYMEX pricing weighted for the months of May 2000 through October 2000, and the "Inside FERC's Gas Market Report" posted price for April 2000. The tariff rate changes for the Southern System are based on the Williams Gas Pipelines Central, Inc. filings of their Federal Energy Regulatory Commission (FERC) Gas Tariffs, Eleventh Revised Sheet No. 6, Fifteenth 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-Fifth Revised Sheet No. 5, Fifty-Seventh Revised Sheet No. 7, Tenth Revised Sheet No. 9, Twelfth Revised Sheet No. 11 and Twenty-Fourth Revised Sheet No. 19. The Southern System Gas Supply Realignment (GSR) costs are no longer listed on the Williams Gas Pipelines Central, Inc. tariff. They are now direct billed to Missouri Public Service. A copy of the monthly Williams Gas Pipelines Central, Inc. GSR invoice is attached as Enclosure 4.

Enclosure 3 Purchased Gas Adjustment calculation for the Eastern System has been included with the filing for reference purposes, but Missouri Public Service is requesting that the PGA rates currently in existence remain in effect. The Eastern System currently has a large under recovery which will not be eliminated by the end of the ACA year. Enclosure 5 reflects the actual and estimated under recoveries for the Eastern System. The forecasted ACA rate for November 2000 is \$1.1286/Mcf. Missouri Public Service requests a waiver from the tariff Purchased Gas Adjustment Clause requiring a summer PGA rate change based on the enclosed documentation of the under recovery. Missouri Public Service respectfully requests that the PGA rates remain unchanged, as previously addressed with the Staff, to help mitigate a further under recovery.

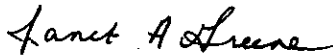
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Enclosed as Enclosure 6 is a summary schedule detailing the activity for the refund factor under the Southern System. The Missouri Public Service tariff specifies that a summer refund filing shall occur if refunds received between November 1 and April 1 exceed \$100,000. MPS received refunds from Williams Gas Pipelines Central, Inc. on December 1, 1999 in the amount of \$275,757.00 relating to FERC Docket No. RP95-136, December 20, 1999 in the amount of \$500.80 relating to FERC Docket No. RP95-136-000, and January 26, 2000 in the amount of \$32,855.87 relating to interruptible excess revenue in FERC Docket No. RP95-136. Interest has been calculated at the annual rate of six percent in accordance with our Purchased Gas Adjustment Clause. Missouri Public Service has determined a new refund factor for the Southern System.

The seasonal revenue impact associated with the gas cost recovery portion of the rates is an increase in the amount of \$3,328,052 or (155.44%) for the Southern System and an increase in the amount of \$1,705,294 or (172.53%) for the Northern System as determined on Enclosure 7.

Missouri Public Service respectfully requests that these rates become effective with volumes taken on and after April 18, 2000.

Sincerely,



Janet A. Greene
Rate Analyst

Enclosures

cc: Office of the Public Counsel (2)

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 5

18th

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

SHEET NO. 43

Cancelling P.S.C. MO. No. 5

17th

SHEET NO. 43

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:

	Rate Schedule <u>GNG</u>	Rate Schedule <u>LVF</u>	Rate Schedule <u>LVI</u>
Regular PGA	\$.39681	\$.39681	\$.34053
Actual Cost Adjustment	\$ (.00566)	\$ (.00566)	\$ (.00777)
Refunds	\$ (.05634)	\$ (.05634)	\$ -0-
TOP Factor	\$ -0-	\$ -0-	\$ -0-
TC Factor	\$ -0-	\$ -0-	\$ -0-
Total PGA Per Ccf	\$.33481	\$.33481	\$.33276

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.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

5

21st

(Original)

SHEET NO.

44

Cancelling P.S.C. MO. No.

5

20th

(Revised)

(Original)

SHEET NO.

44

(Revised)

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:

	Rate Schedule <u>GNG</u>	Rate Schedule <u>LVF</u>	Rate Schedule <u>LVI</u>
Regular PGA	\$.43763	\$.43763	\$.34071
Actual Cost Adjustment	\$.00944	\$.00944	\$ -0-
Refunds	\$ (.00052)	\$ (.00052)	\$ -0-
TOP Factor	\$ -0-	\$ -0-	\$ -0-
TC Factor	\$ -0-	\$ -0-	\$ -0-
Total PGA Per Ccf	\$.44655	\$.44655	\$.34071

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.

MISSOURI PUBLIC SERVICE
Southern System Annualized Gas Cost Calculation
To Reflect Current WNG & Spot Market Rates

Enclosure 1

FIRM	Annual Volume	Monthly Capacity Reserved	No. of Mth Reserved	Tariff Rate	Annual Cost
Williams Natural Gas					
TSS					
No-Notice Fee		39,618	12	\$0.0154	\$7,321
Reservation - FSS Deliverability		25,412	12	\$0.5083	\$155,003
Reservation - FTS-Production		13,841	12	\$5.6118	\$932,075
Reservation - FTS-Market		39,618	12	\$2.8014	\$1,331,830
GRI		39,618	12	\$0.1230	\$58,476
FTS					
Production - Reservation		11,845	12	\$5.6118	\$797,661
Production - Balancing		11,845	12	\$0.1604	\$22,799
Market - Reservation		10,491	12	\$2.8014	\$352,674
Market - Balancing		10,491	12	\$0.1604	\$20,193
Market - GRI		10,491	12	\$0.1230	\$15,485
GSR Costs					\$250,608
Spot Market Purchases	3,896,019			\$2.8815	\$11,226,379
Total Annual Cost					<u>\$15,170,504</u>
Sales Volume at Burnertip	3,823,123				
Cost per MCF at Burnertip					<u><u>\$3.9681</u></u>

Highest WACOG (Summer Period)	Apr 97 - Oct 97	Apr 98 - Oct 98	Apr 99 - Oct 99	Average WACOG
	\$2.4579	\$2.1617	\$2.4616	\$2.3604
Highest Avg WACOG-Summer Period (Avg of summer seasons with the highest of 3 averages)				\$2.4110
				April 2000 Gas Commodity Costs \$2.8946

INTERRUPTIBLE
Williams Natural Gas

ITS-P			<u>@150%</u>	
Commodity	126,784		\$0.2541	\$32,216
ITS-M			<u>@150%</u>	
Commodity	125,491		\$0.1338	\$16,791
Spot Market Price Per MCF	128,519		\$2.8815	\$370,328
Total Annual Cost				<u><u>\$419,335</u></u>
Sales Volume at Burnertip	123,143			
Cost per MCF at Burnertip				<u><u>\$3.4053</u></u>

MISSOURI PUBLIC SERVICE - SOUTHERN SYSTEM

Gas Cost Inputs

MPS Line Loss	1.871%
Annual Burnertip Sales	3,946,266

WNG Rates

Firm Rates

TSS	
No-Notice Fee	\$0.0154
Reservation - FSS Deliverability	\$0.5083
Reservation - FSS Capacity	\$0.0290
Reservation - FTS-P	\$5.6118
Reservation - FTS-M	\$2.8014
GRI	\$0.1230

FTS	
Production - Reservation	\$5.6118
Production - Balancing	\$0.1604
Market - Reservation	\$2.8014
Market - Balancing	\$0.1604
Market - GRI	\$0.1230

Production	
Commodity - FTS-P	\$0.0124
GRI Funding Unit - Commodity - Others	\$0.0072
FERC Annual Charge Adjustment	\$0.0022
Production Field Zone	\$0.0218

Commodity - FTS-M	\$0.0061
GRI Funding Unit - Commodity - Others	\$0.0072
FERC Annual Charge Adjustment	\$0.0022
Market Zone	\$0.0155

Injection/Withdrawal - FSS	\$0.0122
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Interruptible Rates

ITS-P	
Commodity-Summer	\$0.1600

ITS-M	
Commodity-Summer	\$0.0798
GRI Funding Unit - Commodity - Others	\$0.0072
FERC Annual Charge Adjustment	\$0.0022

WNG Production Area Loss	1.35%
WNG Market Area Loss	1.02%
WNG Storage Loss	4.45%

Note: From FERC Gas Tariff: Eleventh Revised Sheet No. 6 Effective 11/1/99, Fifteenth Revised Sheet No. 6A Effective 1/1/00, and Substitute Second Revised Sheet No. 6B Effective 1/1/00.

Calculated Inputs

	<u>Firm</u>	<u>Storage</u>	<u>Total Firm</u>	<u>Interruptible</u>	<u>Total System</u>
Annual Throughput at Burnertip Per GR-93-172	2,796,691	1,026,432	3,823,123	123,143	3,946,266
Annual Throughput at Citygate	2,850,016	1,046,003	3,896,019	125,491	4,021,508
Annual Throughput at Production Area	2,841,448	1,094,718	3,936,166	126,784	4,062,950
Annual Throughput at Wellhead	2,880,333	1,109,699	3,990,032	128,519	4,118,551

Missouri Public Service
Division of UtiliCorp United Inc.
Southern System
Current Gas Cost Calculation

	<u>Apr-00</u>	<u>May-00</u>	<u>Jun-00</u>	<u>Jul-00</u>	<u>Aug-00</u>	<u>Sep-99</u>	<u>Oct-99</u>	<u>Totals</u>
SUMMARY OF COMMODITY COSTS								
Sales Requirements	237,764	120,193	80,359	59,566	65,122	105,394	179,798	848,196
WNG Market Area Loss	1.02%	1.02%	1.02%	1.02%	1.02%	1.02%	1.02%	
WNG Production Area Loss	1.35%	1.35%	1.35%	1.35%	1.35%	1.35%	1.35%	
Total Supply - Fuel Loss	243,501	123,093	82,298	61,003	66,693	107,937	184,137	
Storage Injection	173,016	178,787	173,001	105,159	97,276	55,096	56,260	838,595
Storage Injection Loss	4.45%	4.45%	4.45%	4.45%	4.45%	4.45%	4.45%	
Total Storage - Fuel Loss	181,074	187,114	181,058	110,056	101,807	57,661	58,880	
(Storage injection is noted on spreadsheet but not included in commodity cost calculation because MPS does not pay for storage until it is withdrawn in the winter months.)								
Purchase Requirements	243,501	123,093	82,298	61,003	66,693	107,937	184,137	868,662
Contracted Fixed Price Supply	0	0	0	0	0	0	0	0
Contracted Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0
(Contracted Fixed Price Supply only applies in the winter months.)								
Total Supply (Purchases Less Fixed)	243,501	123,093	82,298	61,003	66,693	107,937	184,137	868,662
Forecasted Price (NYMEX-WNG Basis)*	\$ 2,790	\$ 2,845	\$ 2,855	\$ 2,865	\$ 2,870	\$ 2,870	\$ 2,880	
Total Cost	\$ 679,368	\$ 350,200	\$ 234,961	\$ 174,774	\$ 191,409	\$ 309,779	\$ 530,315	\$ 2,470,806
Storage Withdrawal	0	0	0	0	0	0	0	0
Storage WACOG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Forecasted Gas Commodity Cost	679,368	350,200	234,961	174,774	191,409	309,779	530,315	2,470,806
Forecasted Sales Gas Quantity	243,501	123,093	82,298	61,003	66,693	107,937	184,137	868,662
*April 2000 is 'Inside FERC' posted price								
Gas Cost (Commodity) Dth								\$2.8444
SUMMARY OF UPSTREAM COSTS								
Williams Natural Gas Pipeline - Firm								
FT Commodity (Production Area)	243,501	123,093	82,298	61,003	66,693	107,937	184,137	
FT Commodity (Market Area)	240,214	121,432	81,187	60,180	65,793	106,480	181,651	
Total Units	483,715	244,525	163,485	121,183	132,486	214,417	365,788	1,725,599
Cost/Dth - Production Area	\$0.0218	\$0.0218	\$0.0218	\$0.0218	\$0.0218	\$0.0218	\$0.0218	
Cost/Dth - Market Area	\$0.0155	\$0.0155	\$0.0155	\$0.0155	\$0.0155	\$0.0155	\$0.0155	
Total WNG Commodity Costs	\$9,032	\$4,566	\$3,052	\$2,263	\$2,474	\$4,003	\$6,830	\$32,219
Forecasted Northern Upstream Costs	9,032	4,566	3,052	2,263	2,474	4,003	6,830	32,219
Forecasted Firm Sales Quantity	243,501	123,093	82,298	61,003	66,693	107,937	184,137	868,662
Upstream Cost/Dth								\$0.0371

Wellhead Cost of Gas \$ 2.8815

Missouri Public Service
Division of UtiliCorp United Inc.
Southern System
Gas Commodity Cost Calculation

Inside FERC Posted Price April 00	\$ 2.79	
WNG Market Area Loss	1.02%	
WNG Production Area Loss	<u>1.35%</u>	
WNG Index Adjusted for Fuel	\$ 2.8573	
WNG Cost/Dth Field Zone	\$0.0218	
WNG Cost/Dth - Market Zone	\$0.0155	
	<u>\$2.8946</u>	
Total Gas Commodity Costs	<table border="1"><tr><td>\$2.8946</td></tr></table>	\$2.8946
\$2.8946		

MISSOURI PUBLIC SERVICE
Northern System Annualized Gas Cost Calculation
To Reflect Current PEPL & Spot Market Rates

Enclosure 2

FIRM	Annual Volume	Monthly Capacity Reserved	No. Of Mth Reserved	Tariff/ Contracted Rate	Annual Cost
Panhandle Eastern Pipe Line					
Contract 13372 & 13334					
EFT Reservation Rates					
Field Zone Reservation		12,000	12	\$4.5210	\$651,028
Market Zone Access		12,000	12	\$3.1542	\$454,206
Market Zone Mileage		12,000	12	\$1.7205	\$247,748
Settlement Surcharges		12,000	12	\$0.0000	\$0
Canadian Resolutions Surcharge		12,000	12	\$0.0000	\$0
GSR Surcharge		12,000	12	\$0.0000	\$0
Stranded Transportation Cost Surcharge		12,000	12	\$0.0000	\$0
Miscellaneous Stranded Costs Surcharge		12,000	12	\$0.0000	\$0
Contract 17004					
FS Storage	800,000			\$0.8780	\$702,400
Spot Market Purchases	1,521,875			\$2.8731	\$4,372,499
Total Annual Cost					\$6,427,881
Sales Volume at Burnertip	1,468,777				
Cost per MCF at Burnertip					\$4.3763

Highest WACOG (Summer Period)	Apr 97 - Oct 97	Apr 98 - Oct 98	Apr 99 - Oct 99	Average WACOG
	\$2.3468	\$1.9409	\$2.3375	\$2.2084
Highest Avg WACOG-Summer Period (Avg of summer seasons with the highest 3 averages)				\$2.2776
		April 2000 Gas Commodity Costs		\$2.8873

INTERRUPTIBLE

Panhandle Eastern Pipe Line		
IT Interruptible Rates		@150%
Field Zone		\$0.2625
Market Zone Access		\$0.1386
Market Zone Mileage		\$0.0999
GRI Funding Unit		\$0.0108
ACA Unit Charge		\$0.0033
TOP Volumetric Surcharge		\$0.0000
Settlement Surcharges		\$0.0000
Canadian Resolution Surcharges		\$0.0000
Stranded Transportation Cost Surcharge		\$0.0000
Miscellaneous Stranded Costs Surcharge		\$0.0189
Spot Market Price Per MCF	\$2.8731	\$2.8731
Total Annual Cost		\$3.4071
Sales Volume at Burnertip		
Cost per MCF at Burnertip		\$3.4071

MISSOURI PUBLIC SERVICE - NORTH EASTERN SYSTEM
Gas Cost Inputs

MPS Line Loss 3.489%
 Annual Burnertip Sales 1,468,777

	PEPL Rates	Tariff	Contract
		Rate	Discount Rate
PEPL EFT Reservation Rates			
Field Zone Reservation		\$4.7300	\$4.5210
Market Zone Access		\$3.3000	\$3.1542
Market Zone Mileage 201-300 Block		\$1.8000	\$1.7205

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 EFT Commodity Rates	
Field Zone Commodity	\$0.0195
Market Zone Access	\$0.0006
Market Zone Mileage	\$0.0075
GRI Funding Unit	\$0.0000
ACA Unit Charge	\$0.0022
TOP Volumetric Surcharge	\$0.0000
Settlement Surcharges	\$0.0000
Total Market Zone Commodity	\$0.0103

PEPL IT Interruptible Rates	
Field Zone	\$0.1750
Market Zone Access	\$0.0924
Market Zone Mileage	\$0.0666
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 Flexible Storage Rates	
FS 100% load factor	\$0.8846
FS commodity	\$0.0066

Seasonal Sales Volume @ Burnertip	
Jan	288,860
Feb	265,604
Mar	194,613
Apr	117,502
May	64,871
Jun	44,063
Jul	34,272
Aug	33,047
Sep	36,719
Oct	51,407
Nov	118,726
Dec	219,093
	1,468,777

PEPL Gathering Loss	0.37%
PEPL Field Zone Loss	0.81%
PEPL Market Zone Loss	1.20%
PEPL Storage Injection Loss	1.28%
PEPL Storage Withdrawal Loss	0.25%

Note: From FERC Gas Tariff: PEPL Fifty-Fifth Revised Sheet No. 5 Effective 4/01/00, Fifty-Seventh Revised Sheet No. 7 Effective 4/01/00, Tenth Revised Sheet No. 9 Effective 11/01/99, Twelfth Revised Sheet No. 11 Effective 11/01/99 and Twenty-Fourth Revised Sheet No. 19 Effective 2/10/00

Calculated Inputs	Firm		Storage		Total		Interruptible	Total
	Firm	Storage	Firm	Storage	Firm	Storage		
Annual Throughput at Burnertip Per GR-93-172	884,342	584,435	1,468,777		1,468,777		0	1,468,777
Annual Throughput at Citygate	916,312	605,563	1,521,875		1,521,875		0	1,521,875
Annual Throughput at Havenpool	927,441	614,454	1,541,895		1,541,895		0	1,541,895
Annual Throughput at Wellhead	935,015	627,504	1,562,519		1,562,519		0	1,562,519

Missouri Public Service
Division of UtiliCorp United Inc.
Northern System
Current Gas Cost Calculation

	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Totals
SUMMARY OF COMMODITY COSTS								
Sales Requirements	80,230	38,211	23,832	24,115	22,844	28,922	56,575	274,729
PEPL Market Zone Fuel Loss	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	
PEPL Field Zone Fuel Loss	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	
Gathering Fuel Loss	0.37%	0.37%	0.37%	0.37%	0.37%	0.37%	0.37%	
Total Supply - Fuel Loss	82,172	39,136	24,409	24,699	23,397	29,622	57,944	

Storage Injection	84,000	124,000	120,000	124,000	124,000	120,000	86,800	782,800
Storage Injection Loss	1.28%	1.28%	1.28%	1.28%	1.28%	1.28%	1.28%	
Total Storage - Fuel Loss	85,089	125,608	121,556	125,608	125,608	121,556	87,925	

(Storage injection is noted on spreadsheet but not included in commodity cost calculation because MPS does not pay for storage until it is withdrawn in the winter months.)

Purchase Requirements	82,172	39,136	24,409	24,699	23,397	29,622	57,944	281,379
Total Supply	82,172	39,136	24,409	24,699	23,397	29,622	57,944	281,379
Forecasted Price (NYMEX-PEPL Basis)*	\$ 2.7900	\$ 2.8450	\$ 2.8550	\$ 2.8650	\$ 2.8700	\$ 2.8700	\$ 2.8800	
Total Cost	\$ 229,260	\$ 111,342	\$ 69,688	\$ 70,763	\$ 67,149	\$ 85,015	\$ 166,879	800,096

Storage Withdrawal (13373 & 13377)	0	0	0	0	0	0	0	0
Storage WACOG (13373 & 13377)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<u>Forecasted Gas Commodity Cost</u>	229,260	111,342	69,688	70,763	67,149	85,015	166,879	800,096
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<u>Forecasted Sales Gas Quantity</u>	82,172	39,136	24,409	24,699	23,397	29,622	57,944	281,379
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*April 2000 is 'Inside FERC' posted price

<u>Gas Cost (Commodity) Dth</u>								\$2.8435
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SUMMARY OF UPSTREAM COSTS

Panhandle Eastern Pipeline - Firm								
FT Commodity (Field Zone)	81,868	38,991	24,318	24,607	23,310	29,512	57,730	
FT Commodity (Market Zone)	81,204	38,675	24,121	24,408	23,121	29,273	57,262	
Total Units	163,072	77,666	48,439	49,015	46,431	58,785	114,992	558,400

Cost/Dth - Field Zone	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	
Cost/Dth - Market Zone	\$0.0103	\$0.0103	\$0.0103	\$0.0103	\$0.0103	\$0.0103	\$0.0103	
Total Panhandle Commodity Costs	\$2,433	\$1,159	\$723	\$731	\$693	\$877	\$1,716	8,331

<u>Forecasted Northern Upstream Costs</u>	2,433	1,159	723	731	693	877	1,716	8,331
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<u>Forecasted Firm Sales Quantity</u>	82,172	39,136	24,409	24,699	23,397	29,622	57,944	281,379
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<u>Upstream Cost/Dth</u>								\$0.0296
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Wellhead Cost of Gas \$ 2.8731

Missouri Public Service
Division of UtiliCorp United Inc.
Northern System
Gas Commodity Cost Calculation

Inside FERC Posted Price April 00	\$	2.79	
PEPL Market Zone Fuel Loss		1.20%	
PEPL Field Zone Fuel Loss		0.81%	
Gathering Fuel Loss		<u>0.37%</u>	
PEPL Index Adjusted for Fuel	\$	2.8575	
PEPL Cost/Dth Field Zone		\$0.0195	
PEPL Cost/Dth - Market Zone		<u>\$0.0103</u>	
		\$2.8873	
Total Gas Commodity Costs		<table border="1"><tr><td>\$2.8873</td></tr></table>	\$2.8873
\$2.8873			

MISSOURI PUBLIC SERVICE
**Eastern System Annualized Gas Cost Calculation
To Reflect Current PEPL & Spot Market Rates**
Enclosure 3

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					\$0.5406
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			\$3.2365	\$2,027,922
Total Eastern System Costs					<u><u>\$2,964,924</u></u>
Sales Volume at Burnertip	<u>624,486</u>				
Cost per MCF at Burnertip					\$4.7478
Summer PGA					
Total Cost per MCF at Burnertip					\$5.0973
Highest WACOG (Summer Period)					
		Apr 97 - Oct 97	Apr 98 - Oct 98	Apr 99 - Oct 99	Average WACOG
		\$2.2315	\$2.1612	\$2.3737	\$2.2555
Highest Avg WACOG-Summer Period (Avg of summer seasons with the highest of 3 averages)					\$2.3146
April 2000 Gas Commodity Costs					\$3.2851
INTERRUPTIBLE					
<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	\$3.2365				\$3.2365
Cost per MCF at Burnertip					\$5.4836

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	1.60%

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-Fifth Revised Sheet No. 5 Effective 4/01/00 , Fifty-Seventh Revised Sheet No. 7 Effective 4/01/00, and Twenty-Fourth Revised Sheet No. 19 Effective 2/10/00.

Annual Throughput at Burnertip	624,486
Annual Throughput at Citygate	626,579
MOGAS & MPC	629,285
Annual Throughput at Wellhead	644,739

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 UtiliCorp United Inc.
Eastern System
Current Gas Cost Calculation

	<u>Apr-00</u>	<u>May-00</u>	<u>Jun-00</u>	<u>Jul-00</u>	<u>Aug-00</u>	<u>Sep-00</u>	<u>Oct-00</u>	<u>Totals</u>
SUMMARY OF COMMODITY COSTS								
Sales Requirements	20,267	9,453	6,580	6,202	4,068	7,738	16,287	70,595
MoGas/MoPipe Fuel Loss	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
PEPL Market Zone Fuel Loss	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	
PEPL Field Zone Fuel Loss	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	
Gathering Fuel Loss	0.37%	0.37%	0.37%	0.37%	0.37%	0.37%	0.37%	
Total Supply - Fuel Loss	20,932	9,763	6,796	6,405	4,201	7,992	16,821	72,910
Total Supply	20,932	9,763	6,796	6,405	4,201	7,992	16,821	72,910
Forecasted Price (NYMEX-PEPL Basis)*	\$ 2.7900	\$ 2.8450	\$ 2.8550	\$ 2.8650	\$ 2.8700	\$ 2.8700	\$ 2.8800	
Total Cost	\$ 58,400	\$ 27,776	\$ 19,403	\$ 18,350	\$ 12,057	\$ 22,937	\$ 48,444	\$ 207,367
Forecasted Gas Commodity Cost	\$ 58,400	\$ 27,776	\$ 19,403	\$ 18,350	\$ 12,057	\$ 22,937	\$ 48,444	\$ 207,367
Forecasted Sales Gas Quantity	20,932	9,763	6,796	6,405	4,201	7,992	16,821	72,910
*April 2000 is 'Inside FERC' posted price								
Gas Cost (Commodity) Dth								\$2.8442
SUMMARY OF UPSTREAM COSTS								
Panhandle Eastern Pipeline - Firm								
FT Commodity (Field Zone)	20,854	9,727	6,771	6,382	4,186	7,962	16,759	
FT Commodity (Market Zone)	20,685	9,648	6,716	6,330	4,152	7,898	16,623	
Total Units	41,539	19,375	13,487	12,712	8,338	15,860	33,382	
Cost/Dth Field Zone	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	
Cost/Dth - Market Zone	\$0.0200	\$0.0200	\$0.0200	\$0.0200	\$0.0200	\$0.0200	\$0.0200	
Total Panhandle Commodity Costs	\$820	\$383	\$266	\$251	\$165	\$313	\$659	\$2,858
Missouri Pipeline Company - Firm								
Rolla								
FT Commodity	14,238	6,641	4,623	4,357	2,858	5,436	11,442	
Salem								
FT Commodity	4,548	2,121	1,476	1,392	913	1,736	3,654	
Owensville								
FT Commodity	1,569	732	509	480	315	599	1,261	
Total Units	20,355	9,494	6,608	6,229	4,086	7,771	16,357	70,900
Cost/Dth - Rolla	\$0.1699	\$0.1699	\$0.1699	\$0.1699	\$0.1699	\$0.1699	\$0.1699	
Cost/Dth - Salem	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	
Cost/Dth - Owensville	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	
Total MoPipe Commodity Costs	\$2,725	\$1,271	\$885	\$834	\$547	\$1,040	\$2,190	\$9,492
Missouri Gas Company - Firm								
Rolla								
FT Commodity	14,177	6,612	4,603	4,338	2,845	5,413	11,393	
Salem								
FT Commodity	4,528	2,112	1,470	1,386	909	1,729	3,638	
Owensville								
FT Commodity	1,562	729	507	478	314	596	1,256	
Total Units	20,267	9,453	6,580	6,202	4,068	7,738	16,287	70,597
Cost/Dth - Rolla	\$0.2500	\$0.2500	\$0.2500	\$0.2500	\$0.2500	\$0.2500	\$0.2500	
Cost/Dth - Salem	\$0.2200	\$0.2200	\$0.2200	\$0.2200	\$0.2200	\$0.2200	\$0.2200	
Cost/Dth - Owensville	\$0.0800	\$0.0800	\$0.0800	\$0.0800	\$0.0800	\$0.0800	\$0.0800	
Total MoGas Commodity Costs	\$4,665	\$2,176	\$1,515	\$1,428	\$936	\$1,781	\$3,749	\$16,250
Total MoPipe & MoGas Costs	\$7,390	\$3,447	\$2,400	\$2,262	\$1,483	\$2,821	\$5,939	\$25,742
Forecasted Eastern Upstream Costs	\$8,210	\$3,830	\$2,666	\$2,513	\$1,648	\$3,134	\$6,598	\$28,600
Forecasted Firm Sales Quantity	20,932	9,763	6,796	6,405	4,201	7,992	16,821	72,910
Upstream Cost/Dth								\$0.3923

Wellhead Cost of Gas \$3.2365

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

Inside FERC Posted Price April 00	\$ 2.79
MoGas/MoPipe Fuel Loss	0.43%
PEPL Market Zone Fuel Loss	1.60%
PEPL Field Zone Fuel Loss	0.81%
Gathering Fuel Loss	<u>0.37%</u>

PEPL Index Adjusted for Fuel	\$ 2.8815
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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>\$2.9210</u>

PEPL Cost	\$2.9210
MoPipe Cost/Dth - Rolla	\$0.1699
MoGas Cost/Dth - Rolla	\$0.2500
Rolla	<u>\$3.3409</u>

PEPL Cost	\$2.9210
MoPipe Cost/Dth - Salem	\$0.0500
MoGas Cost/Dth - Salem	\$0.2200
Total Salem	<u>\$3.1910</u>

PEPL Cost	\$2.9210
MoPipe Cost/Dth - Owensville	\$0.0500
MoGas Cost/Dth - Owensville	\$0.0800
Total Owensville	<u>\$3.0510</u>

		Percent Split	
Rolla	\$3.3409	69.95%	\$ 2.3370
Salem	\$3.1910	22.34%	\$ 0.7129
Owensville	\$3.0510	7.71%	\$ 0.2352

\$ 3.2851

Total Gas Commodity Costs	<u>\$ 3.2851</u>
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	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCTOBER		
SOUTHERN SYSTEM (97):									
Purchase Volumes	41,836	7,940	24,232	10,460	29,770	16,241	97,488	227,967	
Commodity Cost (Highest)	\$1.8540	\$1.9300	\$2.1200	\$2.1047	\$2.1407	\$2.3900	\$2.9900		
Total Commodity Costs	\$77,564	\$15,324	\$51,372	\$22,015	\$63,729	\$38,816	\$291,489	\$560,309	
									Weighted Avg. Commodity Costs
									\$2.4579
SOUTHERN SYSTEM (98):									
Purchase Volumes	83,568	120,756	1,715	73,992	53,160	4,103	21,624	358,918	
Commodity Cost (Highest)	\$2.3375	\$2.1632	\$1.9600	\$2.2499	\$1.8482	\$2.0098	\$1.9872		
Total Commodity Costs	\$195,340	\$261,219	\$3,361	\$166,475	\$98,250	\$8,246	\$42,971	\$775,862	
									Weighted Avg. Commodity Costs
									\$2.1617
SOUTHERN SYSTEM (99):									
Purchase Volumes	68,013	13,846	48,340	429	70,658	4,116	145,927	351,329	
Commodity Cost (Highest)	\$2.0176	\$2.3435	\$2.1850	\$2.3350	\$2.4694	\$2.7488	\$2.7599		
Total Commodity Costs	\$137,223	\$32,448	\$105,623	\$1,002	\$174,483	\$11,314	\$402,744	\$864,837	
									Weighted Avg. Commodity Costs
									\$2.4616
									Average of 3 Periods
									\$2.3604
									Highest Avg WACOG-Summer Period (avg of summer seasons with the highest of 3 averages)
									\$2.4110
									April 2000 Gas Commodity Cost
									\$2.8946
	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCTOBER		
NORTHERN SYSTEM (97):									
Purchase Volumes	10,000	72,000	38,225	1,583	28,853	4,618	75,201	230,480	
Commodity Cost (Highest)	\$1.8820	\$1.9500	\$2.1325	\$2.0100	\$2.0600	\$2.4200	\$3.0100		
Total Commodity Costs	\$18,820	\$140,400	\$81,515	\$3,182	\$59,437	\$11,176	\$226,355	\$540,885	
									Weighted Avg. Commodity Costs
									\$2.3468
NORTHERN SYSTEM (98):									
Purchase Volumes	4,902	29,772	9,891	2,426	20,712	12,430	56,668	136,801	
Commodity Cost (Highest)	\$2.3800	\$2.1400	\$1.9700	\$2.3050	\$1.8350	\$1.5600	\$1.9000		
Total Commodity Costs	\$11,667	\$63,712	\$19,485	\$5,592	\$38,007	\$19,391	\$107,669	\$265,523	
									Weighted Avg. Commodity Costs
									\$1.9409
NORTHERN SYSTEM (99):									
Purchase Volumes	15,225	31,797	19,861	9,626	16,856	25,336	49,286	167,987	
Commodity Cost (Highest)	\$1.7625	\$2.2200	\$2.1200	\$2.1700	\$2.5100	\$2.7700	\$2.4300		
Total Commodity Costs	\$26,834	\$70,589	\$42,105	\$20,888	\$42,309	\$70,181	\$119,765	\$392,671	
									Weighted Avg. Commodity Costs
									\$2.3375
									Average of 3 Periods
									\$2.2084
									Highest Avg WACOG-Summer Period (avg of summer seasons with the highest of 3 averages)
									\$2.2776
									April 2000 Gas Commodity Cost
									\$2.8873
	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCTOBER		
EASTERN SYSTEM (97):									
Purchase Volumes	20,878	9,916	5,587	4,908	5,763	6,137	18,745	71,934	
Commodity Cost (Highest)	\$1.7455	\$1.9500	\$2.1000	\$2.0100	\$2.0600	\$2.4200	\$3.0100		
Total Commodity Costs	\$36,443	\$19,336	\$11,733	\$9,865	\$11,872	\$14,852	\$56,422	\$160,523	
									Weighted Avg. Commodity Costs
									\$2.2315
EASTERN SYSTEM (98):									
Purchase Volumes	21,052	8,176	0	1,172	0	0	4,148	34,548	
Commodity Cost (Highest)	\$2.1800	\$2.2300	\$0.0000	\$2.2700	\$0.0000	\$0.0000	\$1.9000		
Total Commodity Costs	\$45,893</								

WILLIAMS GAS PIPELINES CENTRAL, INC.
 POST OFFICE BOX 801104
 KANSAS CITY, MISSOURI 64180-1104
 January-00

FAX: 402/492-7896

7921
 UTILICORP UNITED
 2533 NORTH 117 AVENUE
 OMAHA, NE 68184
 ATTN: DIANNE MICHALSKI

INVOICE NO: GSRDB-100- 7921- /

INVOICE DATE January 31, 2000

DUE DATE: February 10, 2000

Direct Bill for Recovery of Gas Supply Realignment costs pursuant to Stipulation and Agreement dated June 18, 1999 in Docket No. RP99-257 et al.

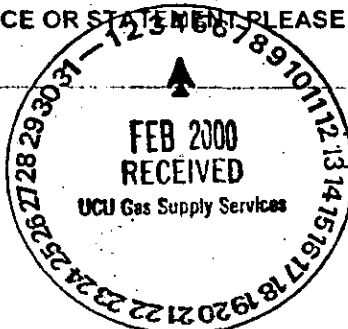
GSR BALANCE FORWARD	\$556,932.00
INTEREST: 12/30/99 - 2/10/00	\$5,431.66
TOTAL GSR DIRECT BILL @ 1/31/00	\$562,363.66
MINIMUM PAYMENT DUE	
PRINCIPAL	\$15,470.33
INTEREST	\$5,413.66
PAST DUE PRINCIPAL	\$0.00
PAST DUE INTEREST	\$0.00
MINIMUM AMOUNT DUE	\$20,883.99

112
 250,608

Diane Michalski
 2/7/00

PLEASE RETURN A COPY OF THIS INVOICE AND SUPPORTING DOCUMENTATION WITH
 PAYMENT WHEN PAYMENTS DIFFER FROM INVOICED AMOUNT
 FOR QUESTIONS CONCERNING THIS INVOICE OR STATEMENT PLEASE CONTACT SUZIE MYERS (918)573-4348.

CHECK REMITTANCE ADDRESS:
 WILLIAMS GAS PIPELINES CENTRAL, INC
 P.O. BOX 801104
 KANSAS CITY, MO 64180-1104



ELECTRONIC FUND TRANSFER ADDRESS:
 CITIBANK, N.A. NEW YORK, NY
 ABA NUMBER: 0-210-0008-9
 ACCOUNT NUMBER: 4056-5372
 INVOICE NO: GSRDB-100- 7921

**Missouri Public Service
Eastern System
1999-00 ACA Year PGA Analysis
(Based on Monthly Actuals)**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
Commodity	\$2.6947	\$2.8679	\$3.6488	\$2.7229	\$2.7786	\$1.9419	\$2.4930	\$2.8080	\$3.2017	\$3.4783	\$3.5265	\$3.8000	
Fixed Costs	\$9.2546	\$4.6295	\$6.9585	\$1.8847	\$1.7344	\$2.8748	\$2.1959	\$3.9892	\$7.6528	\$10.8833	\$11.5466	\$17.6823	
Estimated Sales Volume	15,612	21,857	50,479	93,152	122,817	112,928	82,744	49,959	27,581	18,735	14,571	14,051	624,486
ACA Factor in Effect	\$0.5975	\$0.5975	\$0.8515	\$1.0626	\$1.0626	\$1.0626	\$1.0626	\$1.0626	\$1.0626	\$1.0626	\$1.0626	\$1.0626	
PGA Factor in Effect	\$3.7786	\$3.7786	\$3.8621	\$4.9994	\$5.0863	\$5.0863	\$5.3912	\$5.5436	\$5.5436	\$5.5436	\$5.5436	\$5.5436	
PGA/ACA Factor - Required	\$11.9484	\$7.4974	\$10.6073	\$4.6076	\$4.5130	\$4.8167	\$4.6889	\$6.7971	\$10.8546	\$14.3617	\$15.0731	\$21.4823	
Over/Under Recovery	-\$7.5733	-\$3.1213	-\$5.8938	\$1.4543	\$1.6359	\$1.3322	\$1.7648	-\$0.1909	-\$4.2484	-\$7.7555	-\$8.4669	-\$14.8761	

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Gas Supply Purchased (In Dth)	7,738	16,287	18,362	67,793	73,618	63,683	63,123	21,303	8,938	8,916	8,519	4,278	359,553
Sales Volumes (In Mcf)	8,776	11,968	18,284	27,818	57,654	77,639	58,160	45,530	20,951	11,417	7,241	8,335	351,773
Cost of Gas Purchased and Produced	92,484	122,111	194,772	312,365	332,236	306,743	295,979	144,797	107,851	99,329	98,260	91,856	2,198,763
ACA Factor In Effect	5,248	7,155	15,569	29,978	61,186	82,499	59,676	48,381	22,262	12,132	7,694	8,857	360,635
PGA Factor In Effect	33,161	45,223	70,614	139,074	293,010	394,894	302,769	252,403	116,141	63,292	40,141	46,207	1,796,930
PGA Factor - Required	92,484	122,111	194,772	312,365	332,236	306,743	295,979	144,797	107,851	99,329	98,260	91,856	2,198,763
Over/(Under) Recovery	(54,055)	(69,734)	(108,588)	(143,313)	21,959	170,649	66,467	155,987	30,552	(23,905)	(50,425)	(36,791)	(41,198)
Prior ACA Yr Over/(Under) Recovery Balance	(663,578)												
Monthly ACA Over/(Under) Recovery	5,248	7,155	15,569	29,978	61,186	82,499	59,676	48,381	22,262	12,132	7,694	8,857	360,635
Monthly PGA Over/(Under) Recovery	(59,303)	(76,888)	(124,157)	(173,290)	(39,226)	88,150	6,791	107,606	8,290	(36,037)	(58,119)	(45,649)	(401,833)
Total Monthly PGA/ACA Over/(Under) Recovery	(54,055)	(69,734)	(108,588)	(143,313)	21,959	170,649	66,467	155,987	30,552	(23,905)	(50,425)	(36,791)	(41,198)
1999-00 PGA/ACA Yr to Date Over/(Under) Recovery	(54,055)	(123,789)	(232,378)	(375,690)	(353,731)	(183,081)	(116,615)	39,372	69,924	46,018	(4,407)	(41,198)	
Inception to Date PGA/ACA Over/(Under) Recovery	(717,633)	(787,367)	(895,956)	(1,039,268)	(1,017,309)	(846,659)	(780,193)	(624,206)	(593,654)	(617,560)	(667,985)	(704,776)	
											Firm Mcfs	624,486	

Note: Shaded areas are estimated amounts. Light gray shaded area is estimated based on information obtained from accountants.

Note: Prior months may change from previous spreadsheets due to prior period adjustments entered in appropriate month on this schedule.

Forecasted ACA 11/00	1.1286
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Enclosure 5

MISSOURI PUBLIC SERVICE
Southern System Gas Refund

	FIRM	INTERRUPTIBLE	TRANSPORTATION	TOTAL
Prior Years Balance	\$3,498,171.48	\$154,846.17	\$0.00	\$3,653,017.65
Refund Check Received From WNG 12/99	\$275,757.00	\$0.00	\$0.00	275,757.00
6% Interest (12/01/99 - 04/01/00)	\$5,575.58	\$0.00	\$0.00	5,575.58
6% Interest (04/02/00 - 07/17/00)	\$4,850.30	\$0.00	\$0.00	4,850.30
Refund Check Received From WNG 12/99	\$500.80	\$0.00	\$0.00	500.80
6% Interest (12/20/99 - 04/01/00)	\$8.56	\$0.00	\$0.00	8.56
6% Interest (04/02/00 - 07/17/00)	\$8.81	\$0.00	\$0.00	8.81
Refund Check Received From WNG 1/00	\$32,855.87	\$0.00	\$0.00	32,855.87
6% Interest (01/26/00 - 04/01/00)	\$361.87	\$0.00	\$0.00	361.87
6% Interest (04/02/00 - 07/17/00)	\$577.90	\$0.00	\$0.00	577.90
(Adjusted)				
Actual Gas Refunds:				
Prior Years Balance	\$2,907,349.03	\$154,846.17	\$0.00	3,062,195.20
September 1999	\$26,196.68	\$0.00	\$0.00	26,196.68
October 1999	\$41,813.17	\$0.00	\$0.00	41,813.17
November 1999	\$31,982.65	\$0.00	\$0.00	31,982.65
December 1999	\$59,203.01	\$0.00	\$0.00	59,203.01
January 2000	\$92,025.06	\$0.00	\$0.00	92,025.06
February 2000	\$100,027.38	\$0.00	\$0.00	100,027.38
March 2000	\$0.00	\$0.00	\$0.00	0.00
April 2000	\$0.00	\$0.00	\$0.00	0.00
May 2000	\$0.00	\$0.00	\$0.00	0.00
June 2000	\$0.00	\$0.00	\$0.00	0.00
July 2000	\$0.00	\$0.00	\$0.00	0.00
August 2000	\$0.00	\$0.00	\$0.00	0.00
Actual Refunds Through February 2000	\$3,258,596.98	\$154,846.17	\$0.00	\$3,413,443.15
Balance as of February 29, 2000	\$560,071.19	\$0.00	\$0.00	\$560,071.19

GR-93-Mcfs

Firm	3,823,123	April - October Mcfs	994,012
Interruptible	-		
Transport	-	Refund Rate Per Ccf	\$0.05634
	3,823,123		

Seasonal Sales Volume @ Burnertip

Jan	751,881
Feb	691,348
Mar	506,564
Apr	305,850
May	168,855
Jun	114,694
Jul	89,206
Aug	86,020
Sep	95,578
Oct	133,809
Nov	309,036
Dec	570,282
	3,823,123

MPS proposes to change the refund rate from the present rate of \$0.1545/Mcf to \$0.5634/Mcf.

WILLIAMS GAS PIPELINES CENTRAL,

P. O. Box 3288, Tulsa, Oklahoma 74101

DEPOSIT AND RETAIN THIS STATEMENT

THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT, PLEASE NOTIFY US PROMPTLY AT (502)926-8686

VOICE DATE	INVOICE/CONTRACT NUMBER	DESCRIPTION	GROSS AMOUNT	DISCOUNT	NET AMOUNT
1/01/99	3279527	REFUND RF95-136 S&A	\$275,757.00		\$275,757.00
229.001 - 5198					
CHECK NO. 352261	VENDOR NO. 'U036 1	CHECK DATE 12/01/99	TOTALS	\$275,757.00	\$275,757.00

CHECK NO. 352261		WILLIAMS GAS PIPELINES CENTRAL, INC. P. O. Box 3288, Tulsa, Oklahoma 74101	CHECK DATE 12/01/99	352261
VENDOR NO. 'U036 1			BankBoston Maine, N.A. South Portland, ME	52-153 112
PAY EXACTLY			\$275,757.00	
BY -----275,757 DOLLARS AND NO CENTS-----				
3 THE RDER OF	UTILICORP UNITED, INC. ATTN: GAS SUPPLY ACCOUNTING 2533 NORTH 117TH AVENUE OMAHA, NE 68164-8618		WILLIAMS GAS PIPELINES CENTRAL, INC.  Manager, Accounting & Forecasting AUTHORIZED SIGNATURE	

⑈ 352261 ⑈ ⑆ 011201539⑆ 80 025 354 ⑈



December 1, 1999

Gas Pipelines - Central
One Williams Center
P.O. Box 3288
Tulsa, Oklahoma 74101
918/588-2000

TO THE MISSOURI CUSTOMERS
RECEIVING ADDITIONAL REFUNDS
IN DOCKET NO. RP95-136

Dear Customer:

Enclosed is a check for your portion of refunds being made pursuant to Article I of the Stipulation and Agreement filed June 14, 1999 in Docket No. RP95-136.

Also enclosed are spreadsheets showing the calculation of the refund.

If you have any questions regarding this refund, please call Suzie Myers at 918-573-4348 or me at 918-573-4369.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Bart W. Wherritt".

Bart W. Wherritt
Manager, Certificates and Tariffs

Williams Gas Pipelines Central
Calculation of Retroactive Refund To Missouri Customers
Pursuant To Docket No. RP95-136 S&A

Annual Principal Refund \$ 1,000,000
Monthly Principal Refund \$ 83,333

	Principal Monthly Refund 1/	Accum Refund	Accum Quarterly Interest	Accum Principal & Interest	Interest Rate	Interest Thru EOM 2/	Interest Month	Monthly Interest
Aug-95	\$ 83,333	\$ 83,333	\$ 82	\$ 83,415	8.85%	\$ 82	Oct-95	\$ 627
Sep-95	\$ 83,333	\$ 166,666	\$ 82	\$ 166,748	8.85%	\$ 162	Nov-95	\$ 1,213
Oct-95	\$ 83,333	\$ 249,999	\$ 82	\$ 250,081	8.85%	\$ 101	Dec-95	\$ 1,880
Nov-95	\$ 83,333	\$ 333,332	\$ 4,186	\$ 337,518	8.75%	\$ 121	Jan-96	\$ 2,501
Dec-95	\$ 83,333	\$ 416,665	\$ 4,186	\$ 420,851	8.75%	\$ 120	Feb-96	\$ 2,918
Jan-96	\$ 83,333	\$ 499,998	\$ 4,186	\$ 504,184	8.75%	\$ 80	Mar-96	\$ 3,737
Feb-96	\$ 83,333	\$ 583,331	\$ 13,662	\$ 596,993	8.47%	\$ 120	Apr-96	\$ 4,145
Mar-96	\$ 83,333	\$ 666,664	\$ 13,662	\$ 680,326	8.47%	\$ 154	May-96	\$ 4,881
Apr-96	\$ 83,333	\$ 749,997	\$ 13,662	\$ 763,659	8.47%	\$ 135	Jun-96	\$ 5,302
May-96	\$ 83,333	\$ 833,330	\$ 28,395	\$ 861,725	8.25%	\$ 116	Jul-96	\$ 6,021
Jun-96	\$ 83,333	\$ 916,663	\$ 28,395	\$ 945,058	8.25%	\$ 150	Aug-96	\$ 6,604
Jul-96	\$ 83,333	\$ 999,996	\$ 28,395	\$ 1,028,391	8.25%	\$ 131	Sep-96	\$ 6,954
Aug-96	\$ 83,333	\$ 1,083,329	\$ 48,386	\$ 1,131,715	8.25%	\$ 131	Oct-96	\$ 7,908
Sep-96	\$ 83,333	\$ 1,166,662	\$ 48,386	\$ 1,215,048	8.25%	\$ 131	Nov-96	\$ 8,217
Oct-96	\$ 83,333	\$ 1,249,995	\$ 48,386	\$ 1,298,381	8.25%	\$ 113	Dec-96	\$ 9,073
Nov-96	\$ 83,333	\$ 1,333,328	\$ 73,997	\$ 1,407,325	8.25%	\$ 169	Jan-97	\$ 9,861
Dec-96	\$ 83,333	\$ 1,416,661	\$ 73,997	\$ 1,490,658	8.25%	\$ 132	Feb-97	\$ 9,434
Jan-97	\$ 83,333	\$ 1,499,994	\$ 73,997	\$ 1,573,991	8.25%	\$ 94	Mar-97	\$ 11,029
Feb-97	\$ 83,333	\$ 1,583,327	\$ 104,698	\$ 1,688,025	8.25%	\$ 151	Apr-97	\$ 11,446
Mar-97	\$ 83,333	\$ 1,666,660	\$ 104,698	\$ 1,771,358	8.25%	\$ 170	May-97	\$ 12,412
Apr-97	\$ 83,333	\$ 1,749,993	\$ 104,698	\$ 1,854,691	8.25%	\$ 19	Jun-97	\$ 12,576
May-97	\$ 83,333	\$ 1,833,326	\$ 141,415	\$ 1,974,741	8.43%	\$ 94	Jul-97	\$ 14,139
Jun-97	\$ 83,333	\$ 1,916,659	\$ 141,415	\$ 2,058,074	8.43%	\$ 154	Aug-97	\$ 14,735
Jul-97	\$ 83,333	\$ 1,999,992	\$ 141,415	\$ 2,141,407	8.43%	\$ 173	Sep-97	\$ 14,837
Aug-97	\$ 83,333	\$ 2,083,325	\$ 185,626	\$ 2,268,951	8.50%	\$ 173	Oct-97	\$ 16,380
Sep-97	\$ 83,333	\$ 2,166,658	\$ 185,626	\$ 2,352,284	8.50%	\$ 175	Nov-97	\$ 16,434
Oct-97	\$ 83,333	\$ 2,249,991	\$ 185,626	\$ 2,435,617	8.50%	\$ 116	Dec-97	\$ 17,583
Nov-97	\$ 83,333	\$ 2,333,324	\$ 236,411	\$ 2,569,735	8.50%	\$ 97	Jan-98	\$ 18,551
Dec-97	\$ 83,333	\$ 2,416,657	\$ 236,411	\$ 2,653,068	8.50%	\$ 58	Feb-98	\$ 17,299
Jan-98	\$ 83,333	\$ 2,499,990	\$ 236,411	\$ 2,736,401	8.50%	\$ 116	Mar-98	\$ 19,755
Feb-98	\$ 83,333	\$ 2,583,323	\$ 292,268	\$ 2,875,591	8.50%	\$ 78	Apr-98	\$ 20,090
Mar-98	\$ 83,333	\$ 2,666,656	\$ 292,268	\$ 2,958,924	8.50%	\$ 97	May-98	\$ 21,361
Apr-98	\$ 83,333	\$ 2,749,989	\$ 292,268	\$ 3,042,257	8.50%	\$ 175	Jun-98	\$ 21,254
May-98	\$ 83,333	\$ 2,833,322	\$ 355,439	\$ 3,188,761	8.50%	\$ 194	Jul-98	\$ 23,020
Jun-98	\$ 83,333	\$ 2,916,655	\$ 355,439	\$ 3,272,094	8.50%	\$ 155	Aug-98	\$ 23,622
Jul-98	\$ 83,333	\$ 2,999,988	\$ 355,439	\$ 3,355,427	8.50%	\$ 175	Sep-98	\$ 23,442
Aug-98	\$ 83,333	\$ 3,083,321	\$ 425,989	\$ 3,509,310	8.50%	\$ 136	Oct-98	\$ 25,334
Sep-98	\$ 83,333	\$ 3,166,654	\$ 425,989	\$ 3,592,643	8.50%	\$ 175	Nov-98	\$ 25,099
Oct-98	\$ 83,333	\$ 3,249,987	\$ 425,989	\$ 3,675,976	8.50%	\$ 175	Dec-98	\$ 26,538
Nov-98	\$ 83,333	\$ 3,333,320	\$ 503,523	\$ 3,836,843	8.17%	\$ 213	Jan-99	\$ 26,623
Dec-98	\$ 83,333	\$ 3,416,653	\$ 503,523	\$ 3,920,176	8.17%	\$ 149	Feb-99	\$ 24,569

Williams Gas Pipelines Central
Calculation of Retroactive Refund To Missouri Customers
Pursuant To Docket No. RP95-136 S&A

Annual Principal Refund **\$ 1,000,000**
Monthly Principal Refund **\$ 83,333**

	Principal		Accum	Accum		Interest		
	Monthly	Accum	Quarterly	Principal	Interest	Thru	Interest	Monthly
	<u>Refund 1/</u>	<u>Refund</u>	<u>Interest</u>	<u>& Interest</u>	<u>Rate</u>	<u>EOM 2/</u>	<u>Month</u>	<u>Interest</u>
Jan-99	\$ 83,333	\$ 3,499,986	\$ 503,523	\$ 4,003,509	8.17%	\$ 149	Mar-99	\$ 27,780
Feb-99	\$ 83,333	\$ 3,583,319	\$ 582,924	\$ 4,166,243	7.75%	\$ 131	Apr-99	\$ 26,538
Mar-99	\$ 83,333	\$ 3,666,652	\$ 582,924	\$ 4,249,576	7.75%	\$ 142	May-99	\$ 27,972
Apr-99	\$ 83,333	\$ 3,749,985	\$ 582,924	\$ 4,332,909	7.75%	\$ 159	Jun-99	\$ 27,600
May-99	\$ 83,333	\$ 3,833,318	\$ 665,530	\$ 4,498,848	7.75%	\$ 195	Jul-99	\$ 29,612
Jun-99	\$ 83,333	\$ 3,916,651	\$ 665,530	\$ 4,582,181	7.75%	\$ 159	Aug-99	\$ 30,161
Jul-99	\$ 83,333	\$ 3,999,984	\$ 665,530	\$ 4,665,514	7.75%	\$ 177	Sep-99	\$ 29,719
Aug-99	\$ 83,333	\$ 4,083,317	\$ 755,500	\$ 4,838,817	7.75%	\$ 142	Oct-99	\$ 31,850
Sep-99	\$ 83,333	\$ 4,166,650	\$ 755,500	\$ 4,922,150	7.75%	\$ 177	Nov-99	\$ 31,353
Oct-99	\$ 83,333	\$ 4,249,983	\$ 755,500	\$ 5,005,483	7.75%	\$ 195		
Totals	\$ 4,249,983					\$ 7,086		\$ 811,989
Principal	\$ 4,249,983							
Interest	\$ 819,075							
Total	\$ 5,069,058							

Allocation To Missouri Customers

	<u>Percent 3/</u>	<u>Refund</u>
MGE	94.46%	\$ 4,788,232
Utilicorp	5.44%	\$ 275,757
Greeley	0.10%	\$ 5,069
Total	100.00%	\$ 5,069,058

1/ The Effective Date of the S&A is November 1, 1999.

2/ Interest thru EOM is interest from the date invoices were due thru the end of the month. For example, August 95 invoices were due September 27, therefore interest was calculated for 4 days in September 95 (using September 95 interest rate) which equals \$82 and is used in the quarterly compounding for October 95 interest calculations.

3/ See Page 3 of this attachment for calculation of percentages

Williams Gas Pipelines Central
Calculation of Retroactive Refund To Missouri Customers
Pursuant To Docket No. RP95-136 Sub

Month	Market Area MDQ's (Missouri Only)			
	MGE	Utilicorp	Greeley	Total
Aug-95	798,565	42,920	823	842,308
Sep-95	798,565	42,920	823	842,308
Oct-95	798,565	38,118	823	837,506
Nov-95	798,565	38,118	823	837,506
Dec-95	798,565	38,118	823	837,506
Jan-96	798,565	38,118	823	837,506
Feb-96	798,565	38,118	823	837,506
Mar-96	798,565	38,118	823	837,506
Apr-96	798,565	38,118	823	837,506
May-96	798,565	38,118	823	837,506
Jun-96	798,565	38,118	823	837,506
Jul-96	798,565	38,118	823	837,506
Aug-96	798,565	44,318	823	843,706
Sep-96	798,565	44,318	823	843,706
Oct-96	798,565	45,609	823	844,997
Nov-96	798,565	45,609	823	844,997
Dec-96	798,565	45,609	823	844,997
Jan-97	798,565	45,609	823	844,997
Feb-97	798,565	45,609	823	844,997
Mar-97	798,565	45,609	823	844,997
Apr-97	798,565	45,609	823	844,997
May-97	798,565	45,609	823	844,997
Jun-97	798,565	45,609	823	844,997
Jul-97	798,565	45,609	823	844,997
Aug-97	798,565	45,609	823	844,997
Sep-97	798,565	45,609	823	844,997
Oct-97	747,936	45,609	823	794,368
Nov-97	747,936	45,609	823	794,368
Dec-97	747,936	45,609	823	794,368
Jan-98	747,936	45,609	823	794,368
Feb-98	757,936	45,609	823	804,368
Mar-98	757,936	45,609	823	804,368
Apr-98	757,936	45,609	823	804,368
May-98	757,936	45,609	823	804,368
Jun-98	757,936	45,609	823	804,368
Jul-98	757,936	45,609	823	804,368
Aug-98	757,936	45,609	823	804,368
Sep-98	757,936	48,609	823	807,368
Oct-98	757,936	48,609	823	807,368
Nov-98	757,936	48,609	823	807,368
Dec-98	757,936	48,609	823	807,368
Jan-99	757,936	48,609	823	807,368
Feb-99	757,936	48,609	823	807,368
Mar-99	757,936	48,609	823	807,368
Apr-99	757,936	48,609	823	807,368
May-99	757,936	48,609	823	807,368
Jun-99	757,936	48,609	823	807,368
Jul-99	757,936	48,609	823	807,368
Aug-99	757,936	48,609	823	807,368
Sep-99	757,936	48,609	823	807,368
Oct-99	757,936	48,609	823	807,368
Totals	39,671,090	2,285,189	41,973	41,998,252
Percent	94.46%	5.44%	0.10%	100.00%

WILLIAMS GAS PIPELINES CENTRAL, INC.

P. O. Box 3288, Tulsa, Oklahoma 74101

DETACH AND RETAIN THIS STATEMENT

 THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
 IF NOT CORRECT, PLEASE NOTIFY US PROMPTLY AT (502)926-8686.

VOICE DATE	INVOICE/CONTRACT NUMBER	DESCRIPTION	GROSS AMOUNT	DISCOUNT	NET AMOUNT
2/16/99	3549062	ISS/ITS REFUND	\$500.80		\$500.80
		229.001 - 5198 mps			
CHECK NO.	VENDOR NO.	CHECK DATE	TOTALS		
336722	M072 1	12/20/99	\$500.80		\$500.80

CHECK NO. 336722		WILLIAMS GAS PIPELINES CENTRAL, INC. P. O. Box 3288, Tulsa, Oklahoma 74101	CHECK DATE 12/20/99	336722
VENDOR NO. M072 1			BankBoston Maine, N.A. South Portland, ME	52-153 112
PAY EXACTLY			\$500.80	
PAY FIVE HUNDRED DOLLARS AND 80 CENTS				
TO THE ORDER OF	MISSOURI PUBLIC SERVICE C/O UTILICORP UNITED GAS SUPPL ATTN: LINDA GOW 2533 NORTH 117TH AVENUE OMAHA, NE 68164		WILLIAMS GAS PIPELINES CENTRAL, INC.  AUTHORIZED SIGNATURE	

⑈ 336722⑈ ⑆011201539⑆ 80 025 354⑈

 DOCKET No.
 RP95-136-000

WILLIAMS GAS PIPELINES CENTRAL, INC.
REFUND ALLOCATION

Dec-99

Docket No. RP95-136

ITS Refund Oct 96 - Sep 97	10,091.47
ITS Refund Oct 96 - Sep 97	5,484.38
ITS Refund Oct 97 - Sep 98	7,646.68
ITS Refund Oct 97 - Sep 98	34,978.07
ISS Refund Oct 96 - Sep 97	8,425.91
ISS Refund Oct 97 - Sep 98	3,135.42
ISS Refund Oct 97 - Sep 98	1.85
ISS Refund Oct 97 - Sep 98	18.33
ISS Refund Oct 98 - Sep 99	2,230.27
ISS Refund Oct 98 - Sep 99	1.29
ISS Refund Oct 98 - Sep 99	12.68
	72,026.35

Journal Entry

Debit GSS Refund Account	72,026.35	
Credit 229.001 5198 MPS		32,855.87
Credit 229.001 5191 KPS		25,915.32
Credit 229.001 5191 PNG - KS		7,258.02
Reduce current month gas costs:		
Greenwood	5,997.14	

SOUTHERN SYSTEM

Production

Total Reservation Charges per Williams 3,250,632.98

Refund Total	5,484.38
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Market

Total Reservation Charges per Williams 2,878,747.23

Refund Total 10,091.47

Refunds	5,515.27	4,576.20	10,091.47
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UTILICORP UNITED
REFUND ALLOCATION
WILLIAMS GAS PIPELINES CENTRAL, INC.
ITS Refund - December 1999

SOUTHERN SYSTEM

Actual Production Reservation Charge MDQs for October 1997 - September 1998

Production

	TA-553 MPS	TA-553 KPS	TA-557 MPS	TA-557 KPS	TA-840 MPS	TA-840 KPS	TA-873 Greenwood	TA-883 PNG-KS	TA-956 PNG-KS	TA-1006 MPS	Total
Oct-97	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	-	316,460
Nov-97	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Dec-97	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Jan-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Feb-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Mar-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Apr-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
May-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Jun-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Jul-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Aug-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	-	331,076
Sep-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	17,674	348,750
	529,263	422,344	895,749	689,237	71,981	87,486	610,364	491,098	160,776	17,674	3,975,971.35

Total Reservation Charges per Williams 4,007,478.70

Totals by Division	MPS	KPS	Greenwood	PNG-KS	Difference	(31,507.35)
	1,514,667	1,199,067	610,364	651,874		
Allocation Percents	38.10%	30.16%	15.35%	16.40%		100%

Refund Total 34,978.07

Refunds	13,325.08	10,548.63	5,369.59	5,734.77	34,978.07
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Actual Market Reservation Charge MDQs for October 1997 - September 1998

Market

	TA-553 MPS	TA-553 KPS	TA-557 MPS	TA-557 KPS	TA-840 MPS	TA-840 KPS	TA-873 Greenwood	TA-883 PNG-KS	TA-956 PNG-KS	TA-1006 MPS	Total
Oct-97	22,508	22,707	108,907	83,799							237,921
Nov-97	22,508	22,707	108,907	83,799							237,921
Dec-97	22,508	22,707	108,907	83,799							237,921
Jan-98	22,508	22,707	108,907	83,799							237,921
Feb-98	22,508	22,707	108,907	83,799							237,921
Mar-98	22,508	22,707	108,907	83,799							237,921
Apr-98	22,508	22,707	108,907	83,799							237,921
May-98	22,508	22,707	108,907	83,799							237,921
Jun-98	22,508	22,707	108,907	83,799							237,921
Jul-98	22,508	22,707	108,907	83,799							237,921
Aug-98	22,508	22,707	108,907	83,799							237,921
Sep-98	22,508	24,720	108,907	83,799						9,014	248,948
	270,099	274,497	1,306,883	1,005,585						9,014	2,866,077.93

Total Reservation Charges per Williams 2,850,072.07

Totals by Division	MPS	KPS	Difference	16,005.86
	1,585,996	1,280,082		
Allocation Percents	55.34%	44.66%		100%

Refund Total 7,646.68

Refunds	4,231.43	3,415.25	7,646.68
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UTILICORP UNITED
REFUND ALLOCATION
WILLIAMS GAS PIPELINES CENTRAL, INC.
ITS Refund - December 1999

Note: There were not any ITS Refunds in this time period. This spreadsheet is calculated for 98-99 to provide a percentage allocation for ISS Refunds.

SOUTHERN SYSTEM

Actual Production Reservation Charge MDQs for October 1998 - September 1999

Production

	TA-553 MPS	TA-553 KPS	TA-557 MPS	TA-557 KPS	TA-840 MPS	TA-840 KPS	TA-873 Greenwood	TA-883 PNG-KS	TA-956 PNG-KS	TA-1006 MPS	Total
Oct-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	14,616	17,674	348,750
Nov-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Dec-98	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Jan-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Feb-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Mar-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Apr-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
May-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Jun-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Jul-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Aug-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
Sep-99	44,105	35,195	74,646	57,436	5,998	7,290	50,864	40,925	-	17,674	334,134
	529,263	422,344	895,749	689,237	71,981	87,486	610,364	491,098	14,616	212,084	4,024,221.72

Total Reservation Charges per Williams -

Totals by Division	MPS	KPS	Greenwood	PNG-KS	Difference	4,024,221.72
	1,709,077	1,199,067	610,364	505,714		
Allocation Percents	42.47%	29.80%	15.17%	12.57%		100%

Refund Total

Refunds	-	-	-	-	-
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Actual Market Reservation Charge MDQs for October 1998 - September 1999

Market

	TA-553 MPS	TA-553 KPS	TA-557 MPS	TA-557 KPS	TA-840 MPS	TA-840 KPS	TA-873 Greenwood	TA-883 PNG-KS	TA-956 PNG-KS	TA-1006 MPS	Total
Oct-98	22,508	24,293	108,907	83,799						9,014	248,521
Nov-98	22,508	24,293	108,907	83,799						9,014	248,521
Dec-98	22,508	24,293	108,907	83,799						9,014	248,521
Jan-99	22,508	24,293	108,907	83,799						9,014	248,521
Feb-99	22,508	24,293	108,907	83,799						9,014	248,521
Mar-99	22,508	24,293	108,907	83,799						9,014	248,521
Apr-99	22,508	24,293	108,907	83,799						9,014	248,521
May-99	22,508	24,293	108,907	83,799						9,014	248,521
Jun-99	22,508	24,293	108,907	83,799						9,014	248,521
Jul-99	22,508	24,293	108,907	83,799						9,014	248,521
Aug-99	22,508	24,293	108,907	83,799						9,014	248,521
Sep-99	22,508	24,293	108,907	83,799						9,014	248,521
	270,099	291,516	1,306,883	1,005,585						108,169	2,982,252.36

Total Reservation Charges per Williams -

Totals by Division	MPS	KPS	Difference	2,982,252.36
	1,685,151	1,297,101		
Allocation Percents	56.51%	43.49%		100%

Refund Total

Refunds	-	-	-	-	-
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UTILICORP UNITED
REFUND ALLOCATION
WILLIAMS GAS PIPELINES CENTRAL, INC.
ISS Refund - December 1999

The ISS Refund is allocated based on the percentages used to allocate the ITS Refunds.

October 1996 - September 1997

Allocation percentages from 96-97 ITS Refund calculation

Totals by Division	<u>MPS</u>	<u>KPS</u>	<u>Greenwood</u>	<u>PNG-KS</u>	<u>Total</u>
Production	1,701,584	1,213,730	50,864	340,978	3,307,155
Market	1,576,982	1,308,474			2,885,456
Totals	3,278,566	2,522,204	50,864	340,978	6,192,611
Allocation Percents	52.94%	40.73%	0.82%	5.51%	100.00%
Refund Total	8,425.91				
Refunds	4,460.95	3,431.81	69.21	463.94	8,425.91

October 1997 - September 1998

Allocation percentages from 97-98 ITS Refund calculation

Totals by Division	<u>MPS</u>	<u>KPS</u>	<u>Greenwood</u>	<u>PNG-KS</u>	<u>Total</u>
Production	1,514,667	1,199,067	610,364	651,874	3,975,971
Market	1,585,996	1,280,082			2,866,078
Totals	3,100,663	2,479,149	610,364	651,874	6,842,049
Allocation Percents	45.32%	36.23%	8.92%	9.53%	100.00%
Refund Total	3,135.42				
Refunds	1,420.90	1,136.09	279.70	298.73	3,135.42

Williams identified the following refunds by contract:

TA-588	1.85	PNG-KS
TA-591	18.33	PNG-KS

October 1998 - September 1999

Allocation percentages from 98-99 ITS Refund calculation

Totals by Division	<u>MPS</u>	<u>KPS</u>	<u>Greenwood</u>	<u>PNG-KS</u>	<u>Total</u>
Production	1,709,077	1,199,067	610,364	505,714	4,024,222
Market	1,685,151	1,297,101			2,982,252
Totals	3,394,228	2,496,168	610,364	505,714	7,006,474
Allocation Percents	48.44%	35.63%	8.71%	7.22%	100.00%
Refund Total	2,230.27				
Refunds	1,080.44	794.57	194.29	160.97	2,230.27

Williams identified the following refunds by contract:

TA-588	1.29	PNG-KS
TA-591	12.68	PNG-KS

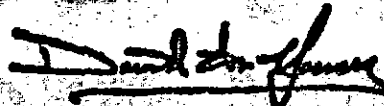
WILLIAMS GAS PIPELINES CENTRAL, INC.

P. O. Box 3288, Tulsa, Oklahoma 74101

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT, PLEASE NOTIFY US PROMPTLY AT (502)926-8686.

VOICE DATE	INVOICE/CONTRACT NUMBER	DESCRIPTION	GROSS AMOUNT	DISCOUNT	NET AMOUNT
01/24/00	0240506	REPLACE & REISSUE CK 338664	\$72,026.35		\$72,026.35
		PND 229000 - 5191-100	25,915.32		(KPS)
		PND 229001 - 5191-100	7,258.02		(KS-PNG)
		MPD 229001 - 5198-100	32,855.87		(MPS)
		GSS- 232030	5,997.14		

CHECK NO.	VENDOR NO.	CHECK DATE	TOTALS		
338664	U036 1	01/26/00		\$72,026.35	\$72,026.35

CHECK NO. 338664		WILLIAMS GAS PIPELINES CENTRAL, INC. P. O. Box 3288; Tulsa, Oklahoma 74101	CHECK DATE 01/26/00	338664
VENDOR NO. U036 1			BankBoston Maine, N.A. South Portland, ME	52-153 112
PAY EXACTLY			\$72,026.35	
PAY SEVENTY-TWO THOUSAND TWENTY-SIX DOLLARS AND 35 CENTS-----				
TO THE ORDER OF UTILICORP UNITED, INC. ATTN: DIANE NICHALSKI 2533 NORTH 117TH AVENUE OMAHA, NE 68164		WILLIAMS GAS PIPELINES CENTRAL, INC.  AUTHORIZED SIGNATURE		

⑈338664⑈ ⑆011201539⑆ 80 025 354⑈



December 20, 1999

Gas Pipelines - Central
One Williams Center
P.O. Box 3288
Tulsa, Oklahoma 74101
918/588-2000

TO THE CUSTOMERS OF
WILLIAMS GAS PIPELINES CENTRAL, INC.
RECEIVING A REFUND IN
DOCKET NO. RP95-136

Dear Customer:

Enclosed is a check for your portion of interruptible excess revenue for the three twelve-month periods ended September 1997, 1998, and 1999.

On October 29, 1999, Williams filed its interruptible excess refund report pursuant to Article 12 of the General Terms and Conditions of the tariff, for the three twelve-month periods ended September 1997, 1998, and 1999. By Commission order issued December 9, 1999, in Docket No. RP95-136, the interruptible excess refund report was approved.

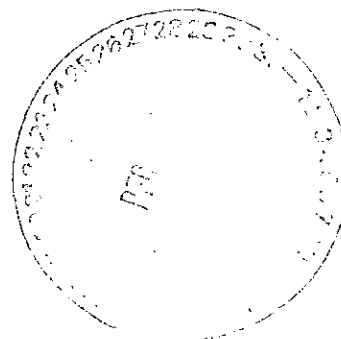
The attached schedules show the allocation of the refund including interest through December 20, 1999.

If you have any questions regarding this refund, please call Suzie Myers at 918-573-4348 or me at 918-573-4369.

Very truly yours,

Bart W. Wherritt
Manager, Certificates and Tariffs

Refundrp95-136-ITEXCESS122099.doc



Williams Gas Pipelines Central
ITS Revenue Credit Calculation Pursuant to Article 12
Of the GT&C of William's Tariff As Modified by the Stipulation
& Agreement Dated November 27, 1996 in Docket RP95-136

Schedule 1
Page 1 of 3

October 1, 1996 through September 30, 1997

Line No.	Area	Annual ITS Fixed Cost Allocation 1/ (a)	ITS Fixed Costs Recovered 2/ (b)	ITS Fixed Costs Allocated 1/ (c)	Excess Costs Recovered (d) (b) - (c)	50/50 Sharing Cap 3/ (e)	Excess Costs Below Cap (f) Lesser of (d) or (e) - (c)
1.	Market Area	\$492,310	\$830,912	\$492,310	\$338,602	\$1,026,000	\$338,602
2.	Production Area	<u>\$3,008,902</u>	<u>\$3,218,662</u>	<u>\$3,008,902</u>	<u>\$209,760</u>	<u>\$3,974,000</u>	<u>\$209,760</u>
3.	Total	\$3,501,212	\$4,049,574	\$3,501,212	\$548,362	\$5,000,000	\$548,362

	50/50 Sharing		Excess Costs	GSR	90/10 Sharing	
	Customer Share (g) (f) * 50%	William's Share (h) (f) * 50%	Above Cap (i) (d) - (f)	Costs Allocated (j)	Customer Share (k) (i) - (j) * 90%	William's Share (l) (i) - (j) * 10%
4.	Market Area	\$169,301	\$169,301	\$0	\$0	\$0
5.	Production Area	<u>\$104,880</u>	<u>\$104,880</u>	<u>(\$0)</u>	<u>\$0</u>	<u>\$0</u>
6.	Total	\$274,181	\$274,181	(\$0)	\$0	\$0

1/ Allocated Cost	<u>October 1, 1996 thru September 30, 1997</u>		
Market	\$492,310	* 365 / 365 =	\$492,310
Production	<u>\$3,008,902</u>	* 365 / 365 =	<u>\$3,008,902</u>
Total	\$3,501,212		\$3,501,212

2/ ITS fixed costs recovered is the actual fixed costs recovered, including GSR recovery, based on the settlement rates and calculated in accordance with Article 12 of the GT&C of William's tariff as modified by the Stipulation & Agreement dated Nov. 27, 1996.

3/ ITS Revenue Cap	<u>October 1, 1996 thru September 30, 1997</u>		
	Revenue		Cap **
Market	\$830,912	20.52%	\$1,026,000
Production	<u>\$3,218,662</u>	79.48%	<u>\$3,974,000</u>
Total Cap	\$4,049,574		\$5,000,000

** Prorated to areas based on revenues received.

Williams Gas Pipelines Central
ITS Revenue Credit Calculation Pursuant to Article 12
Of the GT&C of William's Tariff As Modified by the Stipulation
& Agreement Dated November 27, 1996 in Docket RP95-136

Schedule 1
Page 2 of 3

October 1, 1997 through September 30, 1998

Line No.	Area	Annual ITS Fixed Cost Allocation 1/ (a)	ITS Fixed Costs Recovered 2/ (b)	ITS Fixed Costs Allocated 1/ (c)	Excess Costs Recovered (d) (b) - (c)	50/50 Sharing Cap 3/ (e)	Excess Costs Below Cap (f) Lesser of (d) or (e) - (c)
1.	Market Area	\$492,310	\$770,025	\$492,310	\$277,715	\$788,000	\$277,715
2.	Production Area	<u>\$3,008,902</u>	<u>\$4,116,063</u>	<u>\$3,008,902</u>	<u>\$1,107,161</u>	<u>\$4,212,000</u>	<u>\$1,107,161</u>
3.	Total	\$3,501,212	\$4,886,089	\$3,501,212	\$1,384,877	\$5,000,000	\$1,384,877

	<u>50/50 Sharing</u>		Excess Costs Above Cap (i) (d) - (f)	GSR Costs Allocated (j)	<u>90/10 Sharing</u>	
	Customer Share (g)	William's Share (h)			Customer Share (k)	William's Share (l)
	(f) * 50%	(f) * 50%			(i) - (j) * 90%	(i) - (j) * 10%
4.	Market Area	\$138,858	\$138,858	(\$0)	\$0	\$0
5.	Production Area	<u>\$553,581</u>	<u>\$553,581</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
6.	Total	\$692,438	\$692,438	(\$0)	\$0	\$0

1/ Allocated Cost	<u>October 1, 1997 thru September 30, 1998</u>		
Market	\$492,310	* 365 / 365 =	\$492,310
Production	<u>\$3,008,902</u>	* 365 / 365 =	<u>\$3,008,902</u>
Total	\$3,501,212		\$3,501,212

2/ ITS fixed costs recovered is the actual fixed costs recovered, including GSR recovery, based on the settlement rates and calculated in accordance with Article 12 of the GT&C of William's tariff as modified by the Stipulation & Agreement dated Nov. 27, 1996.

3/ ITS Revenue Cap	<u>October 1, 1997 thru September 30, 1998</u>		
	<u>Revenue</u>		<u>Cap **</u>
Market	\$770,025	15.76%	\$788,000
Production	<u>\$4,116,063</u>	84.24%	<u>\$4,212,000</u>
Total Cap	\$4,886,089		\$5,000,000

** Prorated to areas based on revenues received.

Williams Gas Pipelines Central
ITS Revenue Credit Calculation Pursuant to Article 12
Of the GT&C of William's Tariff As Modified by the Stipulation
& Agreement Dated November 27, 1996 in Docket RP95-136

Schedule 1
Page 3 of 3

October 1, 1998 through September 30, 1999

Line No.	Area	Annual ITS Fixed Cost Allocation 1/ (a)	ITS Fixed Costs Recovered 2/ (b)	ITS Fixed Costs Allocated 1/ (c)	Excess Costs Recovered (d) (b) - (c)	50/50 Sharing Cap 3/ (e)	Excess Costs Below Cap (f) Lesser of (d) or (e) - (c)
1.	Market Area	\$492,310	\$598,980	\$492,310	\$0	\$964,000	\$0
2.	Production Area	\$3,008,902	\$2,507,233	\$3,008,902	\$0	\$4,036,000	\$0
3.	Total	\$3,501,212	\$3,106,214 4/	\$3,501,212	\$0	\$5,000,000	\$0

	50/50 Sharing		Excess Costs Above Cap (i) (d) - (f)	GSR Costs Allocated (j)	90/10 Sharing	
	Customer Share (g) (f) * 50%	William's Share (h) (f) * 50%			Customer Share (k) (i) - (j) * 90%	William's Share (l) (i) - (j) * 10%
4.	Market Area	\$0	\$0	\$0	\$0	\$0
5.	Production Area	\$0	\$0	\$0	\$0	\$0
6.	Total	\$0	\$0	\$0	\$0	\$0

1/ Allocated Cost	<u>October 1, 1997 thru September 30, 1998</u>		
Market	\$492,310	* 365 / 365 =	\$492,310
Production	\$3,008,902	* 365 / 365 =	\$3,008,902
Total	\$3,501,212		\$3,501,212

2/ ITS fixed costs recovered is the actual fixed costs recovered, including GSR recovery, based on the settlement rates and calculated in accordance with Article 12 of the GT&C of William's tariff as modified by the Stipulation & Agreement dated Nov. 27, 1996.

3/ ITS Revenue Cap	<u>October 1, 1998 thru September 30, 1999</u>		
	Revenue **		Cap
Market	\$598,980	19.28%	\$964,000
Production	\$2,507,233	80.72%	\$4,036,000
Total Cap	\$3,106,214		\$5,000,000

** Prorated to areas based on revenues received.

4/ Pursuant to Article V, Section A of the November 27, 1996 Stipulation & Agreement in Docket RP95-136, Williams is not required to refund any ITS revenue until Williams has recovered \$3.5 million of fixed costs allocated to ITS. Therefore, since Williams only recovered \$3.1 million of fixed costs, refunds are not required.

Williams Gas Pipelines Central
Allocation of ITS Refund by Shipper - October 1996 through September 1997

Schedule 2 - Revised
Page 1 of 6

Customer Name	Reservation Charge by Customer Market Area	%	Principal	Interest	Total ITS Refund
54 AG Procesing	\$10,816.92	0.000187	\$31.63	\$6.28	\$37.91
97 Altamont	\$29,109.56	0.000503	\$85.13	\$16.91	\$102.04
123 Americus Gas	\$13,299.16	0.000230	\$38.89	\$7.73	\$46.62
223 Auburn	\$51,150.60	0.000884	\$149.59	\$29.72	\$179.31
887 Certainteed	\$50,478.96	0.000872	\$147.63	\$29.33	\$176.96
1043 Commissioner of the Land	\$2,704.23	0.000047	\$7.91	\$1.57	\$9.48
1053 Conoco, Inc	\$28,845.12	0.000498	\$84.36	\$16.76	\$101.12
1060 CMS Continental	\$45,431.06	0.000785	\$132.86	\$26.39	\$159.25
1272 Denison	\$6,726.50	0.000116	\$19.67	\$3.91	\$23.58
1440 Eckert	\$1,477.05	0.000026	\$4.32	\$0.86	\$5.18
1511 Empire Dist Elec	\$781,785.85	0.013505	\$2,286.35	\$454.20	\$2,740.55
1687 Flint Hills	\$1,951.27	0.000034	\$5.71	\$1.13	\$6.84
1838 General Motors	\$144,225.60	0.002491	\$421.79	\$83.79	\$505.58
1981 Greeley Gas Co. 11	\$629,880.48	0.010881	\$1,842.10	\$365.95	\$2,208.05
1948 Granby	\$34,630.00	0.000598	\$101.28	\$20.12	\$121.40
2080 Hamilton	\$6,778.21	0.000117	\$19.82	\$3.94	\$23.76
2181 Heartland Cement	\$3,680.76	0.000064	\$10.76	\$2.14	\$12.90
2344 Howard	\$21,583.02	0.000373	\$63.12	\$12.54	\$75.66
2456 Iola	\$173,912.04	0.003004	\$508.61	\$101.04	\$609.65
2626 WRI	\$15,694,922.12	0.271116	\$45,900.21	\$9,118.48	\$55,018.69
2643 KS City Power & Light	\$5,408.46	0.000093	\$15.82	\$3.14	\$18.96
2643A KS City Power & Light	\$50,779.29	0.000877	\$148.51	\$29.50	\$178.01
2900 Leann Gas	\$27,042.30	0.000467	\$79.09	\$15.71	\$94.80
2905 Lebo	\$15,796.50	0.000273	\$46.20	\$9.18	\$55.38
2945 Liberal	\$9,889.12	0.000171	\$28.92	\$5.75	\$34.67
3245 McLouth	\$18,856.23	0.000326	\$55.15	\$10.96	\$66.11
3407 Bayer	\$14,422.56	0.000249	\$42.18	\$8.38	\$50.56
3472 Mountain Energy	\$236,788.39	0.004090	\$692.49	\$137.57	\$830.06
3481 Mulberry	\$9,889.12	0.000171	\$28.92	\$5.75	\$34.67
3549 Dynegy Energy	\$7,436.63	0.000128	\$21.75	\$4.32	\$26.07
3569 ONG	\$98,873.64	0.001708	\$289.16	\$57.44	\$346.60
3707 Olivet, KS	\$1,838.07	0.000032	\$5.38	\$1.07	\$6.45
3726 Ormogo	\$5,947.42	0.000103	\$17.39	\$3.46	\$20.85
3765 Aquila Energy	\$9,780.30	0.000169	\$28.60	\$5.68	\$34.28
3956 Plattsburg	\$58,652.69	0.001013	\$171.53	\$34.08	\$205.61
4086 OneOk	\$276,698.00	0.004780	\$809.21	\$160.77	\$969.98
4107 Reading	\$5,486.57	0.000095	\$16.05	\$3.19	\$19.24
4440 Severy Gas	\$5,626.57	0.000097	\$16.46	\$3.27	\$19.73
4672 City Utilities	\$3,538,851.54	0.061131	\$10,349.46	\$2,056.01	\$12,405.47
5069 US Gypsum	\$12,018.80	0.000208	\$35.15	\$6.98	\$42.13
5120 PG&E Energy Trading	\$36,102.23	0.000624	\$105.58	\$20.97	\$126.55
5216 Wann	\$2,821.73	0.000049	\$8.25	\$1.64	\$9.89
5338 WESCO	\$503,407.44	0.008696	\$1,472.23	\$292.47	\$1,764.70
6515 United Cities	\$3,845,541.46	0.066428	\$11,246.39	\$2,234.19	\$13,480.58
7315 Nebraska Public	\$217,390.05	0.003755	\$635.76	\$126.30	\$762.06
7484 Grove Municipal	\$239,202.69	0.004132	\$699.55	\$138.97	\$838.52
7560 KMGA	\$527,800.95	0.009117	\$1,543.57	\$306.64	\$1,850.21
7573 Lawrence Paper	\$9,374.66	0.000162	\$27.42	\$5.45	\$32.87
7786 Utilicorp Energy Solutions	\$130,280.79	0.002250	\$381.01	\$75.69	\$456.70
7831 MGE 11	\$26,885,417.57	0.464422	\$78,627.11	\$15,619.96	\$94,247.07
7844 Conagra	\$33,051.70	0.000571	\$96.66	\$19.20	\$115.86
7884 Tartan Energy	\$364,169.64	0.006291	\$1,065.02	\$211.57	\$1,276.59
7921 Utilicorp United 11	\$2,878,747.23	0.049728	\$8,418.97	\$1,672.50	\$10,091.47
7954 Associated Purchasing	\$47,450.22	0.000820	\$138.77	\$27.57	\$166.34
8306 Petro Source	\$25,831.41	0.000446	\$75.54	\$15.02	\$90.56
Total Market	\$57,890,060.43	1.000000	\$169,301.00	\$33,633.12	\$202,934.13

Williams Gas Pipelines Central
Allocation of ITS Refund by Shipper - October 1996 through September 1997

Schedule 2 - Revised
Page 2 of 6

Customer Name	Reservation Charge by Customer Production Area	%	Principal	Interest	Total ITS Refund
54 AG Processing	\$21,397.82	0.000287	\$30.12	\$5.98	\$36.10
97 Altamont	\$27,459.93	0.000369	\$38.65	\$7.68	\$46.33
123 Americus Gas	\$9,138.91	0.000123	\$12.86	\$2.56	\$15.42
189 Argonia	\$26,144.58	0.000351	\$36.80	\$7.31	\$44.11
190 Arkla	\$122,162.44	0.001639	\$171.95	\$34.16	\$206.11
190D Arkla	\$5,639.52	0.000076	\$7.94	\$1.58	\$9.52
223 Auburn	\$35,737.22	0.000480	\$50.30	\$9.99	\$60.29
227 Avant	\$13,487.38	0.000181	\$18.98	\$3.77	\$22.75
419 Billings	\$18,729.98	0.000251	\$26.36	\$5.24	\$31.60
728 Burlington	\$8,361.65	0.000112	\$11.77	\$2.34	\$14.11
887 Certainteed	\$99,833.13	0.001340	\$140.52	\$27.92	\$168.44
979 Cleveland	\$96,404.09	0.001294	\$135.69	\$26.96	\$162.65
1043 Commissioner of the Land	\$5,314.38	0.000071	\$7.48	\$1.49	\$8.97
1053 Conoco	\$56,756.85	0.000762	\$79.89	\$15.87	\$95.76
1060 CMS Contintail	\$89,379.76	0.001200	\$125.81	\$24.99	\$150.80
1082 Copan	\$29,674.80	0.000398	\$41.77	\$8.30	\$50.07
1205 Danville, KS	\$2,196.95	0.000029	\$3.09	\$0.61	\$3.70
1272 Denison	\$5,470.33	0.000073	\$7.70	\$1.53	\$9.23
1440 Eckert	\$1,325.91	0.000018	\$1.87	\$0.37	\$2.24
1511 Empire Dist Elec	\$673,516.72	0.009039	\$948.01	\$188.33	\$1,136.34
1687 Flint Hills	\$1,706.76	0.000023	\$2.40	\$0.48	\$2.88
1711 Ford	\$9,957.32	0.000134	\$14.02	\$2.78	\$16.80
1816 Gate	\$5,686.55	0.000076	\$8.00	\$1.59	\$9.59
1838 General Motors	\$283,784.26	0.003809	\$399.44	\$79.35	\$478.79
1981 Greeley Gas Co.	\$809,787.08	0.010868	\$1,139.82	\$226.43	\$1,366.25
1948 Granby	\$29,976.27	0.000402	\$42.19	\$8.38	\$50.57
2080 Hamilton	\$689.52	0.000009	\$0.97	\$0.20	\$1.17
2181 Heartland Cement	\$7,278.77	0.000098	\$10.25	\$2.04	\$12.29
2344 Howard	\$1,945.26	0.000026	\$2.74	\$0.53	\$3.27
2456 Iola	\$119,828.81	0.001608	\$168.67	\$33.51	\$202.18
2626 WRI	\$30,403,093.04	0.408028	\$42,793.93	\$8,501.37	\$51,295.30
2643 KSPL	\$10,681.37	0.000143	\$15.03	\$2.99	\$18.02
2643A KSPL	\$97,989.54	0.001315	\$137.93	\$27.40	\$165.33
2645 KGS	\$15,785.28	0.000212	\$22.22	\$4.41	\$26.63
2675 Kechi, KS	\$33,150.15	0.000445	\$46.66	\$9.27	\$55.93
2900 Leann Gas	\$149,925.08	0.002012	\$211.03	\$41.92	\$252.95
2905 Lebo	\$1,428.12	0.000019	\$2.01	\$0.40	\$2.41
2945 Liberal	\$6,820.08	0.000092	\$9.60	\$1.91	\$11.51
3097 Mannford	\$98,891.16	0.001327	\$139.19	\$27.65	\$166.84
3245 McLouth	\$2,129.81	0.000029	\$3.00	\$0.60	\$3.60
3391 Mo Public Service	\$296,825.67	0.003984	\$417.80	\$83.00	\$500.80
3407 Bayer Corp	\$28,413.50	0.000381	\$39.99	\$7.95	\$47.94
3472 Mountain Energy	\$543,440.42	0.007293	\$764.92	\$151.96	\$916.88
3481 Mulberry	\$6,820.08	0.000092	\$9.60	\$1.91	\$11.51
3549 Dynegy Marketing	\$14,726.59	0.000198	\$20.73	\$4.12	\$24.85
3569 Neodesha	\$8,967.82	0.000120	\$12.62	\$2.51	\$15.13
3642 Norwich KS	\$10,445.29	0.000140	\$14.70	\$2.92	\$17.62
3681 Oilton, OK	\$511.51	0.000007	\$0.72	\$0.14	\$0.86
3707 Olivet, KS	\$1,402.56	0.000019	\$1.97	\$0.39	\$2.36
3725 Orlando	\$6,600.81	0.000089	\$9.29	\$1.85	\$11.14
3765 Aquila Energy	\$21,076.27	0.000283	\$29.67	\$5.88	\$35.55
3852C Peoples natural Gas	\$21,973.02	0.000295	\$30.93	\$6.14	\$37.07
3914 Jane Phillips Memo Hosp	\$28,062.72	0.000377	\$39.50	\$7.85	\$47.35
3956 Plattsburg	\$48,286.17	0.000648	\$67.97	\$13.50	\$81.47
4034 Public Service Co	\$10,093.72	0.000135	\$14.21	\$2.82	\$17.03
4086 OneOk Gas Mktg	\$984,333.53	0.013210	\$1,385.50	\$275.24	\$1,660.74
4107 Reading	\$492.80	0.000007	\$0.69	\$0.14	\$0.83
4296 Nelagoney Rural	\$2,164.88	0.000029	\$3.05	\$0.61	\$3.66
4440 Severy Gas	\$4,705.86	0.000063	\$6.62	\$1.32	\$7.94

Customer Name	Reservation Charge by Customer	%	Principal	Interest	Total ITS Refund
4672 City Utilities	\$801,260.81	0.010753	\$1,127.82	\$224.05	\$1,351.87
5069 US Gypsum	\$422,835.03	0.005675	\$595.16	\$118.22	\$713.38
5073 Questar	\$584,640.00	0.007846	\$822.91	\$163.48	\$986.39
5120 PG&E Energy Trading	\$130,913.68	0.001757	\$184.27	\$36.61	\$220.88
5138 Viola	\$5,999.38	0.000081	\$8.44	\$1.68	\$10.12
5169 Wakita	\$20,203.64	0.000271	\$28.44	\$5.65	\$34.09
5216 Wann	\$2,697.24	0.000036	\$3.80	\$0.74	\$4.54
5338 WESCO	\$2,854,598.34	0.038310	\$4,018.00	\$798.21	\$4,816.21
5837 Vulcan	\$701,568.00	0.009415	\$987.49	\$196.17	\$1,183.66
5873 Union Pacific	\$2,671,921.73	0.035859	\$3,760.87	\$747.13	\$4,508.00
6515 United Cities	\$2,711,762.49	0.036393	\$3,816.95	\$758.27	\$4,575.22
7198 Freedom	\$14,332.52	0.000192	\$20.17	\$4.01	\$24.18
7274 Barrett Resources	\$288,549.00	0.003872	\$406.15	\$80.68	\$486.83
7315 Nebraska Public	\$279,747.00	0.003754	\$393.76	\$78.22	\$471.98
7397 GPM	\$336,635.71	0.004518	\$473.83	\$94.13	\$567.96
7484 Grove Municipal	\$303,845.57	0.004078	\$427.68	\$84.96	\$512.64
7560 KMG	\$430,124.71	0.005773	\$605.42	\$120.27	\$725.69
7573 Lawrence Paper	\$18,451.24	0.000248	\$25.97	\$5.17	\$31.14
7786 Utilicorp	\$257,865.16	0.003461	\$362.96	\$72.10	\$435.06
7812 WFS	\$166,899.33	0.002240	\$234.92	\$46.67	\$281.59
7831 MGE	11 \$20,583,373.69	0.276241	\$28,972.17	\$5,755.58	\$34,727.75
7844 Conagra Energy	\$65,415.38	0.000878	\$92.08	\$18.28	\$110.36
7884 Tartan Energy	\$350,784.00	0.004708	\$493.75	\$98.10	\$591.85
7921 Utilicorp United	11 \$3,250,632.98	0.043625	\$4,575.43	\$908.95	\$5,484.38
7954 Associated Purchasing	\$93,799.64	0.001259	\$132.03	\$26.23	\$158.26
8119A Excell Corporation	\$53,271.20	0.000715	\$74.98	\$14.90	\$89.88
8306 Petro Source	\$10,822.83	0.000145	\$15.23	\$3.04	\$18.27
8425 GS-WRI	\$1,461,600.00	0.019616	\$2,057.28	\$408.70	\$2,465.98
8427 Cotton Valley	\$24,789.47	0.000333	\$34.89	\$6.93	\$41.82
8443 Terra Nitrogen	\$135,000.00	0.001812	\$190.02	\$37.74	\$227.76
Total Production	\$74,512,349.58	1.000000	\$104,880.00	\$20,835.30	\$125,715.32
Grand Total	\$132,402,410.01		\$274,181.00	\$54,468.42	\$328,649.45

11 Missouri Customers' revenues reflect refunds to be made December 1, 1999 pursuant to the June 14, 1999 Stipulation and Agreement in Docket No. RP95-136 approved by Commission Order dated August 30, 1999.

**Williams Gas Pipelines Central
Allocation of ITS Refund by Shipper
October 97 through September 98**

Schedule A
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Cust #	Customer Name	Reservation Charge by Customer	%	Principal	Interest	Total ITS Refund
		Market				
18	Acme Brick	17,427.32	0.000306	\$42.43	\$4.33	\$46.76
52	AFG	16,225.38	0.000284	\$39.50	\$4.03	\$43.53
54	AG Processing	10,816.92	0.000190	\$26.34	\$2.69	\$29.03
97	Altamont	28,288.13	0.000496	\$68.87	\$7.02	\$75.89
123	Americus Gas	14,236.87	0.000250	\$34.66	\$3.53	\$38.19
127	Amoco Energy Trdg	150,890.52	0.002646	\$367.38	\$37.46	\$404.84
223	Auburn	51,150.60	0.000897	\$124.54	\$12.70	\$137.24
887	Certainfeed	67,305.28	0.001180	\$163.87	\$16.71	\$180.58
1043	Commissioners of the Land	3,605.64	0.000063	\$8.78	\$0.90	\$9.68
1053	Conoco	24,037.60	0.000421	\$58.52	\$5.97	\$64.49
1058	Enserch Energy Services	2,884.48	0.000051	\$7.02	\$0.72	\$7.74
1060	CMS Continental	45,431.28	0.000787	\$110.81	\$11.28	\$121.89
1511	Empire Dist Elec	1,038,424.32	0.018208	\$2,528.28	\$257.79	\$2,786.07
1272	Denison, KS	6,149.77	0.000108	\$14.97	\$1.53	\$16.50
1440	Eckert Gas	1,593.38	0.000028	\$3.88	\$0.40	\$4.28
1608	Farmland Industries	493,381.85	0.008651	\$1,201.25	\$122.48	\$1,323.73
1687	Flint Hills	1,633.49	0.000029	\$3.98	\$0.41	\$4.39
1838	General Motors	156,244.40	0.002740	\$380.41	\$38.79	\$419.20
1948	Granby	32,153.69	0.000564	\$78.29	\$7.98	\$86.27
1981	Greeley Gas Co.	628,122.93	0.011013	\$1,529.31	\$155.93	\$1,685.24
2080	Hamilton, KS	6,167.15	0.000108	\$15.02	\$1.53	\$16.55
2181	Heartland Cement	8,833.88	0.000155	\$21.51	\$2.19	\$23.70
2344	Howard, KS	19,797.55	0.000347	\$48.20	\$4.91	\$53.11
2456	Iola, KS	173,912.04	0.003049	\$423.43	\$43.17	\$466.60
2626	WRI / KGS/oneok	14,938,942.63	0.261938	\$36,372.23	\$3,708.85	\$40,080.88
2843	KCP&L	17,427.26	0.000306	\$42.43	\$4.33	\$46.76
2643A	KCP&L	431,811.45	0.007571	\$1,051.34	\$107.20	\$1,158.54
2900	Leann Gas	27,042.38	0.000474	\$65.84	\$6.71	\$72.55
2905	Lebo	14,418.84	0.000253	\$35.11	\$3.58	\$38.69
2945	Liberal	9,889.08	0.000173	\$24.08	\$2.45	\$26.53
3245	McLouth	17,850.29	0.000313	\$43.46	\$4.43	\$47.89
3407	Bayer Corp	14,422.56	0.000253	\$35.11	\$3.58	\$38.69
3472	Mountain Energy	123,962.28	0.002174	\$301.81	\$30.77	\$332.58
3481	Mulberry	9,889.12	0.000173	\$24.08	\$2.46	\$26.54
3549	Dynegy Marketing	8,112.72	0.000142	\$19.75	\$2.01	\$21.76
3569	Neodesha	106,455.00	0.001867	\$259.19	\$26.43	\$285.62
3726	Oronogo	5,599.77	0.000098	\$13.83	\$1.39	\$15.02
3765	Aquila Energy	100,032.01	0.001754	\$243.55	\$24.83	\$268.38
3956	Plattsburg	58,652.64	0.001028	\$142.80	\$14.58	\$157.38
4086	OneOk Gas Mktg	475,028.43	0.008329	\$1,156.56	\$117.83	\$1,274.49
4086	OneOk Gas Mktg	0.00	0.000000	\$0.00	\$0.00	\$0.00
4107	Reading	5,078.31	0.000089	\$12.36	\$1.26	\$13.62
4440	Severy Gas	5,626.56	0.000099	\$13.70	\$1.40	\$15.10
4672	City Utilities	3,546,886.24	0.062191	\$8,635.70	\$880.53	\$9,516.23
4868	Talbot Industries	1,622.52	0.000028	\$3.95	\$0.40	\$4.35
5069A	US Gypsum	4,486.50	0.000079	\$10.82	\$1.11	\$12.03
5216	Wann Public	2,437.53	0.000043	\$5.93	\$0.61	\$6.54
5219	OneOk Gas Mktg	14,742.38	0.000258	\$35.89	\$3.68	\$39.55
5338	WESCO	308,102.20	0.005402	\$750.14	\$78.49	\$828.63
6045	FAG Bearing	2,704.23	0.000047	\$6.58	\$0.67	\$7.25
6100	Tyson Food	13,521.15	0.000237	\$32.82	\$3.38	\$36.28
6515	United Cities	3,808,640.20	0.068534	\$9,516.47	\$970.33	\$10,486.80
6655	Marshall Municipal Utilities	5,552.64	0.000097	\$13.52	\$1.38	\$14.90
7315	Nebraska Public	217,390.08	0.003812	\$529.29	\$53.96	\$583.25
7484	Grove Municipal	239,202.60	0.004194	\$582.39	\$59.38	\$641.77
7560	KMGA	548,310.43	0.009814	\$1,334.99	\$136.12	\$1,471.11
7573	Lawrence Paper	7,484.91	0.000131	\$18.22	\$1.87	\$20.09
7786	Utilicorp	91,160.15	0.001598	\$221.95	\$22.63	\$244.58
7831	MGE	25,399,324.28	0.445350	\$61,840.39	\$6,305.46	\$68,145.85
7844	Conagra	23,586.97	0.000414	\$57.43	\$5.86	\$63.29
7884	Tartan Energy	30,347.47	0.000532	\$73.89	\$7.53	\$81.42
7921	Utilicorp United	2,850,072.07	0.049973	\$8,939.14	\$707.54	\$7,648.88
8257	Ozark Natural	13,551.23	0.000238	\$32.99	\$3.36	\$36.35
8258	So MO Gas co	333,822.17	0.005853	\$812.77	\$82.87	\$895.64
8278	Wheaton Natural Gas systems	12,169.08	0.000213	\$29.83	\$3.02	\$32.85
8306	Petro Source	34,108.85	0.000598	\$83.05	\$8.47	\$91.52
8310	LaCiede Gas Co	22,176.00	0.000389	\$53.99	\$5.52	\$59.51
8425	Generation services	5,272.30	0.000092	\$12.84	\$1.31	\$14.15
8489	PG&E Energy Services	26,686.75	0.000468	\$64.93	\$6.62	\$71.55
Total Market		\$57,032,298.71	1.000000	138,858.00	14,158.47	\$153,016.47

**Williams Gas Pipelines Central
Allocation of ITS Refund by Shipper
October 87 through September 88**

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Cust #	Customer Name	Reservation Charge by Customer	%	Principal	Interest	Total ITS Refund
Production						
18	Acme Brick	\$17,679.52	0.000253	\$140.03	\$14.28	\$154.31
52	AFG	\$31,991.49	0.000458	\$253.39	\$25.84	\$279.23
54	AG Processing	\$21,397.92	0.000308	\$169.48	\$17.28	\$186.76
97	Altamont	\$27,694.37	0.000396	\$219.36	\$22.37	\$241.73
123	Americus Gas	\$11,202.01	0.000160	\$88.73	\$9.05	\$97.78
126	Amoco Production Co	\$20,462.40	0.000293	\$162.07	\$16.53	\$178.60
127	Amoco Energy Trdg	\$392,062.12	0.005610	\$3,105.36	\$316.63	\$3,421.99
189	Argonia	\$25,905.15	0.000371	\$205.18	\$20.92	\$226.10
190	Arkla	\$101,869.45	0.001458	\$808.87	\$82.27	\$889.14
190D	Arkla	\$5,459.94	0.000078	\$43.25	\$4.41	\$47.66
223	Auburn	\$35,737.20	0.000511	\$283.06	\$28.86	\$311.92
227	Avant	\$10,043.38	0.000144	\$79.55	\$8.11	\$87.66
419	Billings	\$20,018.36	0.000286	\$158.56	\$16.16	\$174.72
728	Burlington OK	\$6,539.53	0.000094	\$51.80	\$5.28	\$57.08
887	Certainfeed	\$132,549.60	0.001897	\$1,049.87	\$107.05	\$1,156.92
979	Cleveland, OK	\$101,407.97	0.001451	\$803.21	\$81.80	\$885.11
1043	Commissioners of the Land	\$7,085.76	0.000101	\$56.12	\$5.72	\$61.84
1053	Conoco	\$53,629.57	0.000767	\$424.78	\$43.31	\$468.09
1056	Enserch Energy Services	\$5,706.08	0.000082	\$45.20	\$4.60	\$49.80
1060	CMS Continental	\$89,379.72	0.001279	\$707.94	\$72.18	\$780.12
1082	Copan Public Works	\$27,716.58	0.000397	\$219.53	\$22.38	\$241.91
1272	Denison, KS	\$5,487.36	0.000078	\$43.46	\$4.43	\$47.89
1440	Eckert Gas	\$1,531.14	0.000022	\$12.13	\$1.24	\$13.37
1511	Empire Dist Elec	\$996,108.78	0.014252	\$7,889.77	\$804.47	\$8,694.24
1608	Farmland Industries	\$664,241.70	0.013796	\$7,837.36	\$778.73	\$8,616.09
1687	Flint Hills	\$1,569.87	0.000022	\$12.43	\$1.27	\$13.70
1711	Ford, KS	\$9,957.36	0.000142	\$78.87	\$8.04	\$86.91
1816	Gate, OK	\$5,548.30	0.000079	\$43.95	\$4.48	\$48.43
1838	General Motors	\$309,169.36	0.004424	\$2,448.80	\$249.89	\$2,698.69
1948	Granby	\$29,380.04	0.000420	\$232.71	\$23.73	\$256.44
1981	Greeley Gas Co.	\$808,905.98	0.011574	\$6,407.01	\$653.28	\$7,060.29
2080	Hamilton, KS	\$4,416.17	0.000063	\$34.98	\$3.57	\$38.55
2181	Heartland Cement	\$17,469.12	0.000250	\$138.37	\$14.11	\$152.48
2344	Howard, KS	\$15,737.69	0.000225	\$124.65	\$12.71	\$137.36
2456	Iola, KS	\$119,828.76	0.001714	\$949.11	\$96.78	\$1,045.89
2626	WRI / KGS/oneok	\$25,882,059.37	0.370318	\$205,001.08	\$20,902.85	\$225,903.73
2843	KCP&L	\$13,072.54	0.000187	\$103.54	\$10.56	\$114.10
2643A	KCP&L	\$763,357.23	0.010922	\$6,048.24	\$616.50	\$6,664.74
2875	Kechi, KS	\$1,924.73	0.000028	\$15.25	\$1.55	\$16.80
2900	Leann Gas	\$149,925.24	0.002145	\$1,187.50	\$121.08	\$1,308.58
2905	Lebo	\$11,943.30	0.000171	\$94.60	\$9.65	\$104.25
2945	Liberal	\$6,820.08	0.000098	\$54.02	\$5.51	\$59.53
3097	Mannford	\$98,891.16	0.001415	\$783.28	\$79.87	\$863.15
3245	McLouth	\$13,071.88	0.000187	\$103.54	\$10.56	\$114.10
3407	Bayer Corp	\$28,413.60	0.000407	\$225.05	\$22.95	\$248.00
3472	Mountain Energy	\$320,185.64	0.004581	\$2,538.14	\$258.59	\$2,796.73
3481	Mulberry	\$6,820.08	0.000098	\$54.02	\$5.51	\$59.53
3549	Dynegy Marketing	\$18,065.96	0.000230	\$127.25	\$12.98	\$140.23
3569	Neodesha	\$66,783.26	0.000956	\$528.96	\$53.93	\$582.89
3725	Orlando, OK	\$6,089.88	0.000087	\$48.24	\$4.92	\$53.16
3765	Aquila Energy	\$136,427.99	0.001952	\$1,080.59	\$110.18	\$1,190.77
3914	Jane Phillips Memorial Hosp	\$28,062.72	0.000402	\$222.27	\$22.66	\$244.93
3956	Plattsburg	\$48,286.20	0.000691	\$382.46	\$39.00	\$421.46
4034	Pub Serv Co of CO	\$14,867.76	0.000213	\$117.76	\$12.01	\$129.77
4088	OneOk Gas Mktg	\$608,909.95	0.008684	\$4,807.08	\$490.15	\$5,297.23
4107	Reading	\$4,101.43	0.000059	\$32.49	\$3.31	\$35.80
4296	Nelagoney Rural	\$2,123.55	0.000030	\$18.82	\$1.72	\$18.54
4440	Severy Gas	\$4,705.80	0.000067	\$37.27	\$3.80	\$41.07
4672	City Utilities	\$801,260.76	0.011484	\$6,348.45	\$647.11	\$6,995.56
4868	Talbot Industries	\$3,209.67	0.000046	\$25.42	\$2.59	\$28.01
5069	US Gypsum	\$184,332.08	0.002637	\$1,460.02	\$148.87	\$1,608.89
5069A	Wann Public	\$11,012.60	0.000158	\$87.23	\$8.89	\$96.12
5073	Questar	\$378,649.98	0.005418	\$2,999.13	\$305.80	\$3,304.93
5138	Viola, KS	\$5,509.82	0.000079	\$43.64	\$4.45	\$48.09
5169	Wakita	\$18,214.77	0.000281	\$144.27	\$14.71	\$158.98
5216	Wann Public	\$2,307.05	0.000033	\$18.27	\$1.86	\$20.13
5219	OneOk Gas Mktg	\$15,868.70	0.000227	\$125.89	\$12.82	\$138.51
5338	WESCO	\$3,394,888.84	0.048574	\$26,889.51	\$2,741.75	\$29,631.26
5837	Vulcan	\$364,161.57	0.005210	\$2,884.37	\$294.10	\$3,178.47
5873	Union Pacific	\$2,747,745.85	0.039314	\$21,763.76	\$2,219.09	\$23,982.85
6045	FAG Bearing	\$5,367.06	0.000077	\$42.51	\$4.33	\$46.84
6100	Tyson Food	\$26,519.28	0.000379	\$210.05	\$21.42	\$231.47
6515	United Cities	\$2,630,736.85	0.040502	\$22,421.10	\$2,286.14	\$24,707.24

**Williams Gas Pipelines Central
Allocation of ITS Refund by Shipper
October 97 through September 98**

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Cust #	Customer Name	Reservation Charge by Customer	%	Principal	Interest	Total ITS Refund
7149	Tenaska Mktg Ventures	\$199,424.34	0.002853	\$1,579.56	\$161.06	\$1,740.62
7198	Freedom Municipal Trus	\$13,425.38	0.000182	\$106.34	\$10.84	\$117.18
7315	Nebraska Public	\$190,484.88	0.002725	\$1,508.75	\$153.84	\$1,662.59
7397	GPM Gas Corp	\$337,805.05	0.004833	\$2,675.61	\$272.62	\$2,948.43
7484	Grove	\$303,845.84	0.004347	\$2,406.64	\$245.39	\$2,652.03
7560	KMGA	\$476,558.37	0.008819	\$3,774.82	\$384.87	\$4,159.49
7560	KS Mun Gas Agency	\$0.00	0.000000	\$0.00	\$0.00	\$0.00
7573	Lawrence Paper	\$18,434.77	0.000264	\$148.01	\$14.89	\$160.90
7788	Utilicorp	\$106,917.26	0.001530	\$846.85	\$86.34	\$933.19
7801	Envirotek Fuel Systems	\$73,514.50	0.001052	\$582.28	\$58.36	\$641.64
7812	WFS	\$792,771.84	0.011343	\$6,279.22	\$640.25	\$6,919.47
7831	MGE	\$17,695,088.66	0.253180	\$140,155.47	\$14,280.76	\$154,446.23
7844	Conagra	\$46,813.34	0.000667	\$369.20	\$37.85	\$406.85
7884	Tartan Energy	\$58,484.00	0.000836	\$463.07	\$47.21	\$510.28
7921	Utilicorp United	\$4,007,478.70	0.057339	\$31,741.58	\$3,236.49	\$34,978.07
8119A	Excel Corporation	\$33,492.80	0.000479	\$265.28	\$27.05	\$282.33
8257	Ozark Natural	\$26,817.45	0.000384	\$212.41	\$21.85	\$234.06
8258	So MO Gas co	\$643,104.00	0.008201	\$5,093.76	\$519.38	\$5,613.14
8278	Wheaton Natural Gas systems	\$24,098.85	0.000345	\$190.88	\$19.46	\$210.34
8284	Duke Energy Trading & Mktg	\$105,264.44	0.001506	\$833.76	\$85.01	\$918.77
8306	Petro Source	\$86,367.36	0.000950	\$525.67	\$53.60	\$579.27
8310	LaCiede Gas Co	\$43,482.21	0.000622	\$344.40	\$35.12	\$379.52
8425	Generation services	\$448,925.00	0.008437	\$3,563.67	\$363.36	\$3,927.03
8427	Cotton Valley Compression	\$141,623.20	0.002026	\$1,121.74	\$114.36	\$1,236.12
8443	Terra Nitrogen	\$525,145.00	0.007514	\$4,159.45	\$424.11	\$4,583.58
8489	PG&E Energy Services	\$55,877.73	0.000797	\$441.00	\$44.87	\$485.97
Total Production		\$69,891,418.36	1.000000	553,581.00	56,445.12	\$610,026.12
Grand Total		\$126,923,715.06		\$692,439.00	\$70,603.59	\$763,042.59

11 Missouri Customers' revenues reflect refunds to be made December 1, 1999 pursuant to the June 14, 1999 Stipulation and Agreement in Docket No. RP95-136 approved by Commission Order dated August 30, 1999.

**WILLIAMS GAS PIPELINES CENTRAL
INTEREST CALCULATION
ITS REFUND OCTOBER 1996 THROUGH SEPTEMBER 1997**

Market Area

<u>Year</u>	<u>Prod Quarter</u>	<u>Original Principal</u>	<u>End of Quarter Principal</u>	<u>Interest Rate</u>	<u>Interest thru 12/20/1999</u>	<u>Interest Subtotal</u>	<u>Total Amount</u>
1997	4th QTR	\$169,301.00	\$169,301.00	0.0850	\$3,627.22	\$3,627.22	
1998	1st QTR	\$0.00	\$172,928.22	0.0850	\$3,624.39	\$3,624.39	
	2nd QTR	\$0.00	\$176,552.61	0.0850	\$3,741.46	\$3,741.46	
	3rd QTR	\$0.00	\$180,294.07	0.0850	\$3,862.74	\$3,862.74	
	4th QTR	\$0.00	\$184,156.81	0.0850	\$3,945.50	\$3,945.50	
1999	1st QTR	\$0.00	\$188,102.31	0.0817	\$3,789.36	\$3,789.36	
	2nd QTR	\$0.00	\$191,891.67	0.0775	\$3,707.72	\$3,707.72	
	3rd QTR	\$0.00	\$195,599.39	0.0775	\$3,820.89	\$3,820.89	
	4th QTR	\$0.00	\$199,420.28	0.0794	\$3,513.84	\$3,513.84	
	TOTAL	\$169,301.00				\$33,633.12	\$202,934.12

Production Area

<u>Year</u>	<u>Prod Quarter</u>	<u>Original Principal</u>	<u>End of Quarter Principal</u>	<u>Interest Rate</u>	<u>Interest thru 10/31/1999</u>	<u>Interest Subtotal</u>	<u>Total Amount</u>
	4th QTR	\$104,880.00	\$104,880.00	0.0850	\$2,247.02	\$2,247.02	
1998	1st QTR	\$0.00	\$107,127.02	0.0850	\$2,245.26	\$2,245.26	
	2nd QTR	\$0.00	\$109,372.28	0.0850	\$2,317.79	\$2,317.79	
	3rd QTR	\$0.00	\$111,690.07	0.0850	\$2,392.92	\$2,392.92	
	4th QTR	\$0.00	\$114,082.99	0.0850	\$2,444.19	\$2,444.19	
1999	1st QTR	\$0.00	\$116,527.18	0.0817	\$2,347.46	\$2,347.46	
	2nd QTR	\$0.00	\$118,874.64	0.0775	\$2,296.89	\$2,296.89	
	3rd QTR	\$0.00	\$121,171.53	0.0775	\$2,366.99	\$2,366.99	
	4th QTR	\$0.00	\$123,538.52	0.0794	\$2,176.78	\$2,176.78	
	TOTAL	\$104,880.00				\$20,835.30	\$125,715.30
		\$274,181.00				\$54,468.42	\$328,649.42

**WILLIAMS GAS PIPELINES CENTRAL
INTEREST CALCULATION
ITS REFUND OCTOBER 1997 THROUGH SEPTEMBER 98**

Market Area

<u>Year</u>	<u>Prod Quarter</u>	<u>Original Principal</u>	<u>End of Quarter Principal</u>	<u>Interest Rate</u>	<u>Interest thru 12/20/1999</u>	<u>Interest Subtotal</u>	<u>Total Amount</u>
1998	4th QTR	\$138,858.00	\$138,858.00	0.0850	\$2,974.99	\$2,974.99	
1999	1st QTR	\$0.00	\$141,832.99	0.0817	\$2,857.25	\$2,857.25	
	2nd QTR	\$0.00	\$144,690.24	0.0775	\$2,795.69	\$2,795.69	
	3rd QTR	\$0.00	\$147,485.93	0.0775	\$2,881.03	\$2,881.03	
	4th QTR	\$0.00	\$150,366.96	0.0794	\$2,649.51	\$2,649.51	
	TOTAL	\$138,858.00				\$14,158.47	\$153,016.47

Production Area

<u>Year</u>	<u>Prod Quarter</u>	<u>Original Principal</u>	<u>End of Quarter Principal</u>	<u>Interest Rate</u>	<u>Interest thru 12/20/1999</u>	<u>Interest Subtotal</u>	<u>Total Amount</u>
1998	4th QTR	\$553,581.00	\$553,581.00	0.0850	\$11,860.28	\$11,860.28	
1999	1st QTR	\$0.00	\$565,441.28	0.0817	\$11,390.93	\$11,390.93	
	2nd QTR	\$0.00	\$576,832.21	0.0775	\$11,145.50	\$11,145.50	
	3rd QTR	\$0.00	\$587,977.71	0.0775	\$11,485.70	\$11,485.70	
	4th QTR	\$0.00	\$599,463.41	0.0794	\$10,562.71	\$10,562.71	
	TOTAL	\$553,581.00				\$56,445.12	\$610,026.12
		<u><u>\$692,439.00</u></u>				<u><u>\$70,603.59</u></u>	<u><u>\$763,042.59</u></u>

WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCTOBER 1996 THROUGH SEPTEMBER 1997

Customer Name	Number	ISS REF Allocation	Allocation Percentage	ISS REF Principal	ISS REF Interest	ISS REF Total Amount
Altamont	97	\$5,923.80	0.00041089	\$ 72.50	\$ 14.40	\$ 86.90
Americus Gas	123	\$3,696.00	0.00025636	\$ 45.23	\$ 8.99	\$ 54.22
Argonia	189	\$2,924.11	0.00020282	\$ 35.79	\$ 7.11	\$ 42.90
Arkla	190	\$13,663.13	0.00094771	\$ 167.22	\$ 33.22	\$ 200.44
Auburn	223	\$11,994.55	0.00083197	\$ 146.80	\$ 29.16	\$ 175.96
Avant	227	\$1,508.48	0.00010463	\$ 18.46	\$ 3.67	\$ 22.13
Billings	419	\$2,094.83	0.00014530	\$ 25.64	\$ 5.09	\$ 30.73
Burlingame	726	\$186.75	0.00001295	\$ 2.29	\$ 0.45	\$ 2.74
Burlington	728	\$935.20	0.00006487	\$ 11.45	\$ 2.27	\$ 13.72
Cleveland	979	\$10,782.21	0.00074788	\$ 131.96	\$ 26.22	\$ 158.18
Copan	1082	\$3,318.95	0.00023021	\$ 40.62	\$ 8.07	\$ 48.69
Danville	1205	\$245.72	0.00001704	\$ 3.01	\$ 0.60	\$ 3.60
Denison	1272	\$1,368.84	0.00009495	\$ 16.75	\$ 3.33	\$ 20.08
Eckert Gas	1440	\$300.58	0.00002085	\$ 3.68	\$ 0.73	\$ 4.41
Flint Hills	1687	\$397.08	0.00002754	\$ 4.86	\$ 0.97	\$ 5.83
Ford	1711	\$1,451.91	0.00010071	\$ 17.77	\$ 3.53	\$ 21.30
Gate	1816	\$636.01	0.00004412	\$ 7.78	\$ 1.55	\$ 9.33
Granby	1948	\$7,047.21	0.00048881	\$ 86.25	\$ 17.13	\$ 103.38
Greeley Gas Co.	1981	\$144,285.99	0.01000802	\$ 1,765.87	\$ 350.81	\$ 2,116.68
Hamilton	2080	\$1,379.37	0.00009568	\$ 16.88	\$ 3.35	\$ 20.24
Howard	2344	\$4,392.15	0.00030465	\$ 53.75	\$ 10.68	\$ 64.43
Iola	2456	\$39,503.40	0.00274005	\$ 483.47	\$ 96.05	\$ 579.52
WRI / KS Gas Servic	2626	\$5,415,136.06	0.37560690	\$ 66,274.30	\$ 13,165.96	\$ 79,440.26
Kechi	2675	\$3,707.64	0.00025717	\$ 45.38	\$ 9.01	\$ 54.39
Lebo	2905	\$3,214.59	0.00022297	\$ 39.34	\$ 7.82	\$ 47.16
Liberal	2945	\$2,414.21	0.00016746	\$ 29.55	\$ 5.87	\$ 35.42
Mannford	3097	\$12,286.40	0.00085221	\$ 150.37	\$ 29.87	\$ 180.24
McLouth	3245	\$3,837.24	0.00026616	\$ 46.96	\$ 9.33	\$ 56.29
Mulberry	3481	\$2,574.14	0.00017855	\$ 31.50	\$ 6.26	\$ 37.76
Neodesha	3569	\$20,120.80	0.00139563	\$ 246.25	\$ 48.92	\$ 295.17
Norwich	3642	\$1,168.24	0.00008103	\$ 14.30	\$ 2.84	\$ 17.14
Oilton	3681	\$50.37	0.00000349	\$ 0.62	\$ 0.12	\$ 0.74
Olivet	3707	\$374.05	0.00002595	\$ 4.58	\$ 0.91	\$ 5.49
Orlando	3725	\$738.26	0.00005121	\$ 9.04	\$ 1.79	\$ 10.83
Oronogo	3726	\$1,210.30	0.00008395	\$ 14.81	\$ 2.94	\$ 17.76
Plattsburg	3956	\$15,295.69	0.00106095	\$ 187.20	\$ 37.19	\$ 224.39
Public Service Co.	4034	\$1,001.70	0.00006948	\$ 12.26	\$ 2.44	\$ 14.69
Reading	4107	\$1,116.52	0.00007744	\$ 13.66	\$ 2.71	\$ 16.38
Nelagoney Rural	4296	\$242.13	0.00001679	\$ 2.96	\$ 0.59	\$ 3.55
Severy Gas	4440	\$1,379.83	0.00009571	\$ 16.89	\$ 3.35	\$ 20.24
City Utilities	4672	\$911,999.46	0.06325848	\$ 11,161.70	\$ 2,217.37	\$ 13,379.07
Viola	5138	\$670.99	0.00004654	\$ 8.21	\$ 1.63	\$ 9.84
Wakita	5169	\$2,259.65	0.00015673	\$ 27.66	\$ 5.49	\$ 33.15
Wann Public Works	5216	\$574.22	0.00003983	\$ 7.03	\$ 1.40	\$ 8.42
United Cities	6515	\$982,862.18	0.06817369	\$ 12,028.97	\$ 2,389.66	\$ 14,418.63
Freedom Municipal	7198	\$1,603.01	0.00011119	\$ 19.62	\$ 3.90	\$ 23.52
Nebraska Public	7315	\$46,211.47	0.00320534	\$ 565.57	\$ 112.36	\$ 677.92
Grove Municipal	7484	\$37,309.41	0.00258787	\$ 456.62	\$ 90.71	\$ 547.33
KMGA	7560	\$130,301.18	0.00903800	\$ 1,594.72	\$ 316.80	\$ 1,911.52
MGE	7831	\$5,981,884.09	0.41491792	\$ 73,210.57	\$ 14,543.91	\$ 87,754.48
Utilicorp	7921	\$574,361.74	0.03983912	\$ 7,029.45	\$ 1,396.46	\$ 8,425.91
Arkla	190d	\$630.75	0.00004375	\$ 7.72	\$ 1.53	\$ 9.25
Peoples Natural	3852c	\$2,457.55	0.00017046	\$ 30.08	\$ 5.98	\$ 36.05
Total		\$14,417,030.14	1.00000000	\$ 176,445.91	\$ 35,052.60	\$211,498.41

WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCTOBER 1997 THROUGH SEPTEMBER 1998

Customer Name	Number	ISS REF Allocation	Allocation Percentage	ISS REF Principal	ISS REF Interest	ISS REF Total Amount
Altamont	97	5,756.64	0.00036984	\$ 28.25	\$ 2.88	\$ 31.14
Americus Gas	123	\$4,137.81	0.00026584	\$ 20.31	\$ 2.07	\$ 22.38
Argonia	189	2,897.33	0.00018614	\$ 14.22	\$ 1.45	\$ 15.67
Arkla	190	11,359.48	0.00072980	\$ 55.75	\$ 5.68	\$ 61.44
Arkla	190d	610.66	0.00003923	\$ 3.00	\$ 0.31	\$ 3.30
Auburn	223	\$12,657.75	0.00081321	\$ 62.13	\$ 6.33	\$ 68.46
Avant	227	1,123.29	0.00007217	\$ 5.51	\$ 0.56	\$ 6.08
Billings	419	2,238.93	0.00014384	\$ 10.99	\$ 1.12	\$ 12.11
Burlington, OK	728	731.41	0.00004699	\$ 3.59	\$ 0.37	\$ 3.96
Cleveland, OK	979	11,341.87	0.00072867	\$ 55.67	\$ 5.68	\$ 61.34
Copan Public Works	1082	3,099.93	0.00019916	\$ 15.22	\$ 1.55	\$ 16.77
Ford	1711	\$1,402.21	0.00009009	\$ 6.88	\$ 0.70	\$ 7.58
Denison, KS	1272	1,251.48	0.00008040	\$ 6.14	\$ 0.63	\$ 6.77
Eckert Gas	1440	324.25	0.00002083	\$ 1.59	\$ 0.16	\$ 1.75
Flint Hills	1687	332.42	0.00002136	\$ 1.63	\$ 0.17	\$ 1.80
Gate, OK	1816	620.54	0.00003987	\$ 3.05	\$ 0.31	\$ 3.36
Granby	1948	6,543.28	0.00042038	\$ 32.12	\$ 3.27	\$ 35.39
Greeley Gas Co.	1981	\$133,465.22	0.00857457	\$ 655.07	\$ 66.79	\$ 721.87
Hamilton, KS	2080	1,255.02	0.00008063	\$ 6.16	\$ 0.63	\$ 6.79
Howard, KS	2344	4,028.80	0.00025883	\$ 19.77	\$ 2.02	\$ 21.79
Iola	2456	\$42,329.24	0.00271947	\$ 207.76	\$ 21.18	\$ 228.94
WRI/KS Gas Serv.	2626	\$5,318,456.84	0.34168808	\$ 26,104.02	\$ 2,661.66	\$ 28,765.68
Kechi, KS	2675	215.27	0.00001383	\$ 1.06	\$ 0.11	\$ 1.16
Lebo	2905	2,934.24	0.00018851	\$ 14.40	\$ 1.47	\$ 15.87
Liberal	2945	\$2,485.02	0.00015965	\$ 12.20	\$ 1.24	\$ 13.44
Mannford	3097	\$10,072.32	0.00064710	\$ 49.44	\$ 5.04	\$ 54.48
McLouth	3245	3,632.54	0.00023337	\$ 17.83	\$ 1.82	\$ 19.65
Mulberry	3481	\$2,523.42	0.00016212	\$ 12.39	\$ 1.26	\$ 13.65
Neodesha	3569	21,663.60	0.00139179	\$ 106.33	\$ 10.84	\$ 117.17
Orlando	3725	681.12	0.00004376	\$ 3.34	\$ 0.34	\$ 3.68
Oronogo	3726	1,139.55	0.00007321	\$ 5.59	\$ 0.57	\$ 6.16
Plattsburg	3956	\$14,947.26	0.00096030	\$ 73.36	\$ 7.48	\$ 80.84
Public Service Co.	4034	\$1,580.32	0.00010153	\$ 7.76	\$ 0.79	\$ 8.55
OneOk Gas Mktg	4086	\$36,357.61	0.00233582	\$ 178.45	\$ 18.20	\$ 196.65
Reading	4107	1,033.44	0.00006639	\$ 5.07	\$ 0.52	\$ 5.59
Nelagoney Rural	4296	237.51	0.00001526	\$ 1.17	\$ 0.12	\$ 1.28
Severy Gas	4440	\$1,175.19	0.00007550	\$ 5.77	\$ 0.59	\$ 6.36
City Utilities	4672	\$890,319.28	0.05719920	\$ 4,369.86	\$ 445.57	\$ 4,815.43
Viola	5138	616.24	0.00003959	\$ 3.02	\$ 0.31	\$ 3.33
Wakita	5169	2,037.21	0.00013088	\$ 10.00	\$ 1.02	\$ 11.02
Wann Public Works	5216	496.04	0.00003187	\$ 2.43	\$ 0.25	\$ 2.68
OneOk Gas Mktg	5219	\$31,191.05	0.00200389	\$ 153.09	\$ 15.61	\$ 168.70
WESCO	5338	\$618,087.01	0.03970944	\$ 3,033.69	\$ 309.33	\$ 3,343.02
United Cities	6515	\$1,086,523.01	0.06980445	\$ 5,332.87	\$ 543.76	\$ 5,876.62
Tenaska Gas Mktg	7149	\$129,559.99	0.00832367	\$ 635.91	\$ 64.84	\$ 700.74
Freedom Municipal	7198	1,501.55	0.00009647	\$ 7.37	\$ 0.75	\$ 8.12
Nebraska Public	7315	\$46,568.61	0.00299183	\$ 228.57	\$ 23.31	\$ 251.87
Grove Municipal	7484	\$34,311.62	0.00220437	\$ 168.41	\$ 17.17	\$ 185.58
KMGA	7560	\$134,640.75	0.00865009	\$ 660.84	\$ 67.38	\$ 728.22
KMGA	7560	951.44	0.00006113	\$ 4.67	\$ 0.48	\$ 5.15
KMGA	7560	3,600.37	0.00023131	\$ 17.67	\$ 1.80	\$ 19.47
KMGA	7560	2,135.88	0.00013722	\$ 10.48	\$ 1.07	\$ 11.55
Lawrence Paper	7573	\$4,013.40	0.00025784	\$ 19.70	\$ 2.01	\$ 21.71
MGE	7831	\$6,328,608.26	0.40658598	\$ 31,062.04	\$ 3,167.20	\$ 34,229.24
Utilicorp	7921	\$579,703.96	0.03724350	\$ 2,845.30	\$ 290.12	\$ 3,135.42
Utilicorp	7921	341.58	0.00002194	\$ 1.68	\$ 0.17	\$ 1.85
Utilicorp	7921	3,389.64	0.00021777	\$ 16.64	\$ 1.70	\$ 18.33
Total		\$15,565,239.72	1.00000000	\$ 76,397.23	\$ 7,789.73	\$84,186.96

WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCTOBER 1998 THROUGH SEPTEMBER 1999

Customer Name	Number	ISS REF Allocation	Allocation Percentage	ISS REF Principal	ISS REF Interest	ISS REF Total Amount
Altamont	97	4,918.93	0.00030664	\$ 18.93	\$ 0.33	\$ 19.27
Americus Gas	123	\$4,255.44	0.00026528	\$ 16.38	\$ 0.29	\$ 16.67
Argonia	189	2,254.23	0.00014052	\$ 8.68	\$ 0.15	\$ 8.83
Arkla	190	11,028.97	0.00068752	\$ 42.45	\$ 0.75	\$ 43.20
Arkla	190d	501.23	0.00003125	\$ 1.93	\$ 0.03	\$ 1.96
Auburn	223	\$12,690.37	0.00079109	\$ 48.84	\$ 0.86	\$ 49.70
Avant	227	1,135.33	0.00007077	\$ 4.37	\$ 0.08	\$ 4.45
Billings	419	1,955.60	0.00012191	\$ 7.53	\$ 0.13	\$ 7.66
Burlington, OK	728	751.17	0.00004683	\$ 2.89	\$ 0.05	\$ 2.94
Cleveland, OK	979	10,399.89	0.00064831	\$ 40.03	\$ 0.71	\$ 40.73
Copan Public Works	1082	2,887.61	0.00018001	\$ 11.11	\$ 0.20	\$ 11.31
Denison, KS	1272	1,200.32	0.00007483	\$ 4.62	\$ 0.08	\$ 4.70
Ford	1711	\$1,396.98	0.00008708	\$ 5.38	\$ 0.09	\$ 5.47
Eckert Gas	1440	287.52	0.00001792	\$ 1.11	\$ 0.02	\$ 1.13
Flint Hills	1687	253.78	0.00001582	\$ 0.98	\$ 0.02	\$ 0.99
Gate, OK	1816	492.55	0.00003070	\$ 1.90	\$ 0.03	\$ 1.93
Granby	1948	6,417.30	0.00040004	\$ 24.70	\$ 0.44	\$ 25.13
Greeley Gas Co.	1981	\$115,548.62	0.00720305	\$ 444.73	\$ 7.84	\$ 452.57
Hamilton, KS	2080	1,197.60	0.00007466	\$ 4.61	\$ 0.08	\$ 4.69
Howard, KS	2344	3,631.55	0.00022638	\$ 13.98	\$ 0.25	\$ 14.22
Iola	2456	\$36,232.34	0.00225865	\$ 139.45	\$ 2.46	\$ 141.91
WRI / KS Gas Serv	2626	\$5,083,066.40	0.31686750	\$ 19,564.08	\$ 344.72	\$ 19,908.80
Lebo	2905	2,706.13	0.00016869	\$ 10.42	\$ 0.18	\$ 10.60
Liberal	2945	\$2 606.94	0.00016251	\$ 10.03	\$ 0.18	\$ 10.21
Mannford	3097	\$10,757.17	0.00067058	\$ 41.40	\$ 0.73	\$ 42.13
McLouth	3245	3,300.12	0.00020572	\$ 12.70	\$ 0.22	\$ 12.93
Mulberry	3481	\$2,483.95	0.00015484	\$ 9.56	\$ 0.17	\$ 9.73
Neodesha	3569	20,096.58	0.00125278	\$ 77.35	\$ 1.36	\$ 78.71
Oriando	3725	602.21	0.00003754	\$ 2.32	\$ 0.04	\$ 2.36
Oronogo	3726	1,072.26	0.00006684	\$ 4.13	\$ 0.07	\$ 4.20
Plattsburg	3956	\$13,950.81	0.00086966	\$ 53.69	\$ 0.95	\$ 54.64
Public Service Co.	4034	\$1,642.91	0.00010242	\$ 6.32	\$ 0.11	\$ 6.43
Reading	4107	985.00	0.00006140	\$ 3.79	\$ 0.07	\$ 3.86
Nelagoney Rural	4296	213.91	0.00001333	\$ 0.82	\$ 0.01	\$ 0.84
Severy Gas	4440	\$1,442.52	0.00008992	\$ 5.55	\$ 0.10	\$ 5.65
City Utilities	4672	\$895,334.67	0.05581325	\$ 3,446.03	\$ 60.72	\$ 3,506.75
Viola	5138	571.05	0.00003560	\$ 2.20	\$ 0.04	\$ 2.24
Wakita	5169	1,804.25	0.00011247	\$ 6.94	\$ 0.12	\$ 7.07
Wann Public Works	5216	423.48	0.00002640	\$ 1.63	\$ 0.03	\$ 1.66
OneOk Gas Mktg	5219	\$72,495.99	0.00451925	\$ 279.03	\$ 4.92	\$ 283.94
WESCO	5338	\$1,143,978.90	0.07131320	\$ 4,403.03	\$ 77.58	\$ 4,480.61
United Cities	6515	\$950,366.54	0.05924382	\$ 3,657.84	\$ 64.45	\$ 3,722.29
Tenaska Gas Mktg	7149	\$181,495.03	0.01131401	\$ 698.55	\$ 12.31	\$ 710.86
Freedom Municipal	7198	1,299.59	0.00008101	\$ 5.00	\$ 0.09	\$ 5.09
Nebraska Public	7315	\$47,713.88	0.00297438	\$ 183.64	\$ 3.24	\$ 186.88
Grove Municipal	7484	\$32,090.14	0.00200043	\$ 123.51	\$ 2.18	\$ 125.69
KMGA	7560	4,900.27	0.00030547	\$ 18.86	\$ 0.33	\$ 19.19
KMGA	7560	\$133,946.39	0.00834993	\$ 515.54	\$ 9.08	\$ 524.63
KMGA	7560	34.10	0.00000213	\$ 0.13	\$ 0.00	\$ 0.13
KMGA	7560	502.43	0.00003132	\$ 1.93	\$ 0.03	\$ 1.97
KMGA	7560	410.06	0.00002556	\$ 1.58	\$ 0.03	\$ 1.61
Lawrence Paper	7573	\$3,950.40	0.00024626	\$ 15.20	\$ 0.27	\$ 15.47
MGE	7831	\$6,632,938.70	0.41348323	\$ 25,529.34	\$ 449.83	\$ 25,979.17
Utilicorp	7921	\$569,428.35	0.03549695	\$ 2,191.66	\$ 38.62	\$ 2,230.27
Utilicorp	7921	328.33	0.00002047	\$ 1.26	\$ 0.02	\$ 1.29
Utilicorp	7921	3,237.97	0.00020185	\$ 12.46	\$ 0.22	\$ 12.68
Total		\$16,041,614.76	1.00000000	\$ 61,742.14	\$ 1,087.91	\$62,830.05

**WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCT 1996 - SEPT 1997**

MTH	Billed Dth	Billed Amount
Oct-96	132,556	\$ 4,492.24
Nov-96	73,697	\$ 2,456.54
Dec-96	144,648	\$ 5,785.92
Jan-97	214,752	\$ 9,147.18
Feb-97	214,596	\$ 9,138.01
Mar-97	828,894	\$ 21,097.26
Apr-97	1,211,088	\$ 26,192.14
May-97	929,638	\$ 19,537.22
Jun-97	696,923	\$ 14,592.00
Jul-97	659,757	\$ 13,867.12
Aug-97	737,185	\$ 19,078.87
Sep-97	954,973	\$ 31,061.41

Total ISS to Refund

\$ 176,445.91

**WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCT 1997 - SEPT 1998**

MTH	Billed Dth	Billed Amount
Oct-97	606,054	\$ 12,134.97
Nov-97	605,696	\$ 12,113.92
Dec-97	5,800	\$ 116.00
Jan-98	14,114	\$ 829.90
Feb-98	176,492	\$ 7,059.68
Mar-98	183,946	\$ 10,816.02
Apr-98	147,122	\$ 8,650.77
May-98	279,655	\$ 14,294.48
Jun-98	131,917	\$ 6,515.52
Jul-98	700,269	\$ 3,314.37
Aug-98	9,381	\$ 551.60
Sep-98		
Total ISS to Refund		<u>\$ 76,397.23</u>

**WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCT 1998 - SEPT 1999**

MTH	Billed Dth	Billed Amount
Oct-98	0	\$ -
Nov-98	0	\$ 360.30
Dec-98	93,195	\$ 5,840.17
Jan-99	106,080	\$ 4,479.24
Feb-99	56,080	\$ 1,539.24
Mar-99	29,815	\$ 1,753.12
Apr-99	744,802	\$ 43,645.39
May-99	2,005	\$ 117.49
Jun-99	1,430	\$ 83.80
Jul-99	1,430	\$ 83.80
Aug-99	1,430	\$ 83.80
Sep-99	64,092	\$ 3,755.79
Total ISS to Refund		<u>\$ 61,742.14</u>

**WILLIAMS GAS PIPELINES CENTRAL
INTEREST CALCULATION
ISS REFUND OCTOBER 1996 - SEPTEMBER 1997**

<u>Year</u>	<u>Prod Month</u>	<u>Original Principal</u>	<u>End of Month Principal</u>	<u>Interest Rate</u>	<u>Interest thru 12/20/1999</u>	<u>Interest Subtotal</u>	<u>Total Amount</u>
	4th QTR	176,445.91	176,445.91	0.0850	3,780.29	3,780.29	
1998	1st QTR	0.00	180,226.20	0.0850	3,777.34	3,777.34	
	2nd QTR	0.00	184,003.54	0.0850	3,899.36	3,899.36	
	3rd QTR	0.00	187,902.90	0.0850	4,025.76	4,025.76	
	4th QTR	0.00	191,928.66	0.0850	4,112.01	4,112.01	
1999	1st QTR	0.00	196,040.67	0.0817	3,949.28	3,949.28	
	2nd QTR	0.00	199,989.95	0.0775	3,864.19	3,864.19	
	3rd QTR	0.00	203,854.14	0.0775	3,982.14	3,982.14	
	4th QTR	0.00	207,836.28	0.0794	3,662.13	3,662.13	
TOTAL		\$ 176,445.91				\$ 35,052.50	\$ 211,498.41

WILLIAMS GAS PIPELINES CENTRAL
INTEREST CALCULATION
ISS REFUND OCTOBER 1997 - SEPTEMBER 1998

<u>Year</u>	<u>Prod Month</u>	<u>Original Principal</u>	<u>End of Month Principal</u>	<u>Interest Rate</u>	<u>Interest thru 12/20/1999</u>	<u>Interest Subtotal</u>	<u>Total Amount</u>
	4th QTR	76,397.23	76,397.23	0.0850	1,636.78	1,636.78	
1999	1st QTR	0.00	78,034.01	0.0817	1,572.01	1,572.01	
	2nd QTR	0.00	79,606.02	0.0775	1,538.14	1,538.14	
	3rd QTR	0.00	81,144.16	0.0775	1,585.09	1,585.09	
	4th QTR	0.00	82,729.25	0.0794	1,457.71	1,457.71	
TOTAL		\$ 76,397.23				\$ 7,789.73	\$ 84,186.96

WILLIAMS GAS PIPELINES CENTRAL
INTEREST CALCULATION
ISS REFUND OCTOBER 1998 - SEPTEMBER 1999

<u>Year</u>	<u>Prod Month</u>	<u>Original Principal</u>	<u>End of Month Principal</u>	<u>Interest Rate</u>	<u>Interest through 12/20/1999</u>	<u>Interest Subtotal</u>	<u>Total Amount</u>
1999	4th QTR	61,742.14	61,742.14	0.0794	1,087.91	1,087.91	
TOTAL		\$ 61,742.14				\$ 1,087.91	\$ 62,830.05

WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCTOBER 1997 THROUGH SEPTEMBER 1998

Customer Name	Number	ISS REF Allocation	Allocation Percentage	ISS REF Principal	ISS REF Interest	ISS REF Total Amount
Altamont	97	5,756.64	0.00036984	\$ 28.25	\$ 2.88	\$ 31.14
Americus Gas	123	\$4,137.81	0.00026584	\$ 20.31	\$ 2.07	\$ 22.38
Argonia	189	2,897.33	0.00018614	\$ 14.22	\$ 1.45	\$ 15.67
Arkla	190	11,359.48	0.00072980	\$ 55.75	\$ 5.68	\$ 61.44
Arkla	190d	610.66	0.00003923	\$ 3.00	\$ 0.31	\$ 3.30
Auburn	223	\$12,657.75	0.00081321	\$ 62.13	\$ 6.33	\$ 68.46
Avant	227	1,123.29	0.00007217	\$ 5.51	\$ 0.56	\$ 6.08
Billings	419	2,238.93	0.00014384	\$ 10.99	\$ 1.12	\$ 12.11
Burlington, OK	728	731.41	0.00004699	\$ 3.59	\$ 0.37	\$ 3.96
Cleveland, OK	979	11,341.87	0.00072867	\$ 55.67	\$ 5.68	\$ 61.34
Copan Public Works	1082	3,099.93	0.00019916	\$ 15.22	\$ 1.55	\$ 16.77
Ford	1711	\$1,402.21	0.00009009	\$ 6.88	\$ 0.70	\$ 7.58
Denison, KS	1272	1,251.48	0.00008040	\$ 6.14	\$ 0.63	\$ 6.77
Eckert Gas	1440	324.25	0.00002083	\$ 1.59	\$ 0.16	\$ 1.75
Flint Hills	1687	332.42	0.00002136	\$ 1.63	\$ 0.17	\$ 1.80
Gate, OK	1816	620.54	0.00003987	\$ 3.05	\$ 0.31	\$ 3.36
Granby	1948	6,543.28	0.00042038	\$ 32.12	\$ 3.27	\$ 35.39
Greeley Gas Co.	1981	\$133,465.22	0.00857457	\$ 655.07	\$ 66.79	\$ 721.87
Hamilton, KS	2080	1,255.02	0.00008063	\$ 6.16	\$ 0.63	\$ 6.79
Howard, KS	2344	4,028.80	0.00025883	\$ 19.77	\$ 2.02	\$ 21.79
Iola	2456	\$42,329.24	0.00271947	\$ 207.76	\$ 21.18	\$ 228.94
WRI/KS Gas Serv.	2626	\$5,318,456.84	0.34168808	\$ 26,104.02	\$ 2,661.66	\$ 28,765.68
Kechi, KS	2675	215.27	0.00001383	\$ 1.06	\$ 0.11	\$ 1.16
Lebo	2905	2,934.24	0.00018851	\$ 14.40	\$ 1.47	\$ 15.87
Liberal	2945	\$2,485.02	0.00015965	\$ 12.20	\$ 1.24	\$ 13.44
Mannford	3097	\$10,072.32	0.00064710	\$ 49.44	\$ 5.04	\$ 54.48
McLouth	3245	3,632.54	0.00023337	\$ 17.83	\$ 1.82	\$ 19.65
Mulberry	3481	\$2,523.42	0.00016212	\$ 12.39	\$ 1.26	\$ 13.65
Neodesha	3569	21,663.60	0.00139179	\$ 106.33	\$ 10.84	\$ 117.17
Orlando	3725	681.12	0.00004376	\$ 3.34	\$ 0.34	\$ 3.68
Oronogo	3726	1,139.55	0.00007321	\$ 5.59	\$ 0.57	\$ 6.16
Plattsburg	3956	\$14,947.26	0.00096030	\$ 73.36	\$ 7.48	\$ 80.84
Public Service Co.	4034	\$1,580.32	0.00010153	\$ 7.76	\$ 0.79	\$ 8.55
OneOk Gas Mktg	4086	\$36,357.61	0.00233582	\$ 178.45	\$ 18.20	\$ 196.65
Reading	4107	1,033.44	0.00006639	\$ 5.07	\$ 0.52	\$ 5.59
Nelagoney Rural	4296	237.51	0.00001526	\$ 1.17	\$ 0.12	\$ 1.28
Severy Gas	4440	\$1,175.19	0.00007550	\$ 5.77	\$ 0.59	\$ 6.36
City Utilities	4672	\$890,319.28	0.05719920	\$ 4,369.86	\$ 445.57	\$ 4,815.43
Viola	5138	616.24	0.00003959	\$ 3.02	\$ 0.31	\$ 3.33
Wakita	5169	2,037.21	0.00013088	\$ 10.00	\$ 1.02	\$ 11.02
Wann Public Works	5216	496.04	0.00003187	\$ 2.43	\$ 0.25	\$ 2.68
OneOk Gas Mktg	5219	\$31,191.05	0.00200389	\$ 153.09	\$ 15.61	\$ 168.70
WESCO	5338	\$618,087.01	0.03970944	\$ 3,033.69	\$ 309.33	\$ 3,343.02
United Cities	6515	\$1,086,523.01	0.06980445	\$ 5,332.87	\$ 543.76	\$ 5,876.62
Tenaska Gas Mktg	7149	\$129,559.99	0.00832367	\$ 635.91	\$ 64.84	\$ 700.74
Freedom Municipal	7198	1,501.55	0.00009647	\$ 7.37	\$ 0.75	\$ 8.12
Nebraska Public	7315	\$46,568.61	0.00299183	\$ 228.57	\$ 23.31	\$ 251.87
Grove Municipal	7484	\$34,311.62	0.00220437	\$ 168.41	\$ 17.17	\$ 185.58
KMGA	7560	\$134,640.75	0.00865009	\$ 660.84	\$ 67.38	\$ 728.22
KMGA	7560	951.44	0.00006113	\$ 4.67	\$ 0.48	\$ 5.15
KMGA	7560	3,600.37	0.00023131	\$ 17.67	\$ 1.80	\$ 19.47
KMGA	7560	2,135.88	0.00013722	\$ 10.48	\$ 1.07	\$ 11.55
Lawrence Paper	7573	\$4,013.40	0.00025784	\$ 19.70	\$ 2.01	\$ 21.71
MGE	7831	\$6,328,608.26	0.40658598	\$ 31,062.04	\$ 3,167.20	\$ 34,229.24
Utilicorp	7921	\$579,703.96	0.03724350	\$ 2,845.30	\$ 290.12	\$ 3,135.42
Utilicorp	7921	341.58	0.00002194	\$ 1.68	\$ 0.17	\$ 1.85
Utilicorp	7921	3,389.64	0.00021777	\$ 16.64	\$ 1.70	\$ 18.33
Total		\$15,565,239.72	1.00000000	\$ 76,397.23	\$ 7,789.73	\$84,186.96

TSS - FSS & SFT - STS SHIPPERS

TSS & FSS Billed REC & RED:

ALLOCATION OF ISS REFUND BY SHIPPER

October 1997 - September 1998

Party	Type Chg	Billed Dth	Billed Rate	Settled Amt	Type Chg	Billed Dth	Billed Rate	Settled Amt	ISS REF Allocation	
Americus Gas	123 REC	85,963	0.029400	2,527.29	RED	3,120	0.516200	1,610.51	4,137.81	89,083
Auburn	223 REC	219,842	0.029400	6,463.35	RED	12,000	0.516200	6,194.40	12,657.75	231,842
Ford	1711 REC	28,377	0.029400	826.09	RED	1,116	0.516200	576.12	1,402.21	29,493
Greeley Gas Co.	1981 REC	2,516,127	0.029400	73,974.14	RED	115,248	0.516200	59,491.08	133,465.22	2,631,375
Iola	2456 REC	723,411	0.029400	21,268.28	RED	40,800	0.516200	21,060.96	42,329.24	764,211
WRI	2626 REC	95,657,782	0.029400	2,812,338.80	RED	4,854,936	0.516200	2,506,118.04	5,318,456.84	100,512,718
Liberal	2945 REC	43,859	0.029400	1,289.46	RED	2,316	0.516200	1,195.56	2,485.02	46,175
Mannford	3097 REC	180,151	0.029400	5,296.44	RED	9,252	0.516200	4,775.88	10,072.32	189,403
Mulberry	3481 REC	45,166	0.029400	1,327.86	RED	2,316	0.516200	1,195.56	2,523.42	47,482
Plattsburg	3956 REC	291,186	0.029400	8,560.86	RED	12,372	0.516200	6,386.41	14,947.26	303,558
Public Service Co.	4034 REC	27,205	0.029400	799.84	RED	1,512	0.516200	780.48	1,580.32	28,717
OneOk Gas Mktg	4086 REC	513,323	0.029400	23,200.69	RED	25,488	0.516200	13,156.92	36,357.61	538,811
Severy Gas	4440 REC	19,115	0.029400	561.99	RED	1,188	0.516200	613.20	1,175.19	20,303
City Utilities	4672 REC	16,205,037	0.029400	476,428.09	RED	801,804	0.516200	413,891.19	890,319.28	17,006,841
OneOk Gas Mktg	5219 REC	613,406	0.029400	18,034.14	RED	25,488	0.516200	13,156.92	31,191.05	638,894
WESCO	5338 REC	13,122,347	0.029400	385,797.01	RED	450,000	0.516200	232,290.00	618,087.01	13,572,347
United Cities	6515 REC	21,619,528	0.029400	635,614.11	RED	873,516	0.516200	450,908.90	1,086,523.01	22,493,044
Tenaska Gas Mktg	7149 REC	1,905,519	0.029400	41,965.02	RED	169,692	0.516200	87,594.97	129,559.99	2,075,211
Nebraska Public	7315 REC	814,301	0.029400	23,940.45	RED	43,836	0.516200	22,628.16	46,568.61	858,137
Grove Municipal	7484 REC	619,678	0.029400	18,218.54	RED	31,176	0.516200	16,093.08	34,311.62	650,854
KMGA	7560 REC	2,423,584	0.029400	71,253.39	RED	122,796	0.516200	63,387.37	134,640.75	2,546,380
Lawrence Paper	7573 REC	73,302	0.029400	2,155.08	RED	3,600	0.516200	1,858.32	4,013.40	76,902
MGE	7831 REC	110,649,767	0.029400	3,253,103.14	RED	5,957,972	0.516200	3,075,505.12	6,328,608.26	116,607,739
Utilicorp	7921 REC	10,243,972	0.029400	301,172.77	RED	539,580	0.516200	278,531.20	579,703.96	10,783,552
		278,641,948		8,186,116.84		14,101,124		7,279,000.34	15,465,117.18	292,743,072

STS - CMD - Billed

Party	Billed Dth	AREA	Billed Rate	Storage Rate	Amount	ISS REF Allocation
97 TA 501	63,469	M	0.550800	0.0907	\$5,756.64	5,756.64
189 TA 504	36,353	P	0.737000	0.0797	\$2,897.33	2,897.33
190 TA 506	142,528	P	0.737000	0.0797	\$11,359.48	11,359.48

TSS - FSS & SFT - STS SHIPPERS

190d	TA 606	7,662	P	0.737000	0.0797	\$610.66	610.66
227	TA 510	14,094	P	0.737000	0.0797	\$1,123.29	1,123.29
419	TA 511	28,092	P	0.737000	0.0797	\$2,238.93	2,238.93
728	TA 516	9,177	P	0.737000	0.0797	\$731.41	731.41
979	TA 850	142,307	P	0.737000	0.0797	\$11,341.87	11,341.87
1082	TA 530	38,895	P	0.737000	0.0797	\$3,099.93	3,099.93
1272	TA 532	13,798	M	0.550800	0.0907	\$1,251.48	1,251.48
1440	TA 533	3,575	M	0.550800	0.0907	\$324.25	324.25
1687	TA 534	3,665	M	0.550800	0.0907	\$332.42	332.42
1816	TA 538	7,786	P	0.737000	0.0797	\$620.54	620.54
1948	TA 543	72,142	M	0.550800	0.0907	\$6,543.28	6,543.28
2080	TA 548	13,837	M	0.550800	0.0907	\$1,255.02	1,255.02
2344	TA 550	44,419	M	0.550800	0.0907	\$4,028.80	4,028.80
2675	TA 558	2,701	P	0.737000	0.0797	\$215.27	215.27
2905	TA 567	32,351	M	0.550800	0.0907	\$2,934.24	2,934.24
3245	TA 571	40,050	M	0.550800	0.0907	\$3,632.54	3,632.54
3569	TA 585	238,849	M	0.550800	0.0907	\$21,663.60	21,663.60
3725	TA 589	8,546	P	0.737000	0.0797	\$681.12	681.12
3726	TA 839	12,564	M	0.550800	0.0907	\$1,139.55	1,139.55
4107	TA 604	11,394	M	0.550800	0.0907	\$1,033.44	1,033.44
4296	TA 605	2,980	P	0.737000	0.0797	\$237.51	237.51
5138	TA 616	7,732	P	0.737000	0.0797	\$616.24	616.24
5169	TA 618	25,561	P	0.737000	0.0797	\$2,037.21	2,037.21
5216	TA 619	5,469	M	0.550800	0.0907	\$496.04	496.04
7198	TA 537	18,840	P	0.737000	0.0797	\$1,501.55	1,501.55
7560	TA 517	10,490	M	0.550800	0.0907	\$951.44	951.44
7560	TA 558	45,174	P	0.737000	0.0797	\$3,600.37	3,600.37
7560	TA 559	26,799	P	0.737000	0.0797	\$2,135.88	2,135.88
7921	TA 588	3,766	M	0.550800	0.0907	\$341.58	341.58
7921	TA591	42,530	P	0.737000	0.0797	\$3,389.64	3,389.64
1,177,595						100,122.54	100,122.54

WILLIAMS GAS PIPELINE CENTRAL
ISS REFUND FOR OCTOBER 1998 THROUGH SEPTEMBER 1999

Customer Name	Number	ISS REF Allocation	Allocation Percentage	ISS REF Principal	ISS REF Interest	ISS REF Total Amount
Altamont	97	4,918.93	0.00030664	\$ 18.93	\$ 0.33	\$ 19.27
Americus Gas	123	\$4,255.44	0.00026528	\$ 16.38	\$ 0.29	\$ 16.67
Argonia	189	2,254.23	0.00014052	\$ 8.68	\$ 0.15	\$ 8.83
Arkla	190	11,028.97	0.00068752	\$ 42.45	\$ 0.75	\$ 43.20
Arkla	190d	501.23	0.00003125	\$ 1.93	\$ 0.03	\$ 1.96
Auburn	223	\$12,690.37	0.00079109	\$ 48.84	\$ 0.86	\$ 49.70
Avant	227	1,135.33	0.00007077	\$ 4.37	\$ 0.08	\$ 4.45
Billings	419	1,955.60	0.00012191	\$ 7.53	\$ 0.13	\$ 7.66
Burlington, OK	728	751.17	0.00004683	\$ 2.89	\$ 0.05	\$ 2.94
Cleveland, OK	979	10,399.89	0.00064831	\$ 40.03	\$ 0.71	\$ 40.73
Copan Public Works	1082	2,887.61	0.00018001	\$ 11.11	\$ 0.20	\$ 11.31
Denison, KS	1272	1,200.32	0.00007483	\$ 4.62	\$ 0.08	\$ 4.70
Ford	1711	\$1,396.98	0.00008708	\$ 5.38	\$ 0.09	\$ 5.47
Eckert Gas	1440	287.52	0.00001792	\$ 1.11	\$ 0.02	\$ 1.13
Flint Hills	1687	253.78	0.00001582	\$ 0.98	\$ 0.02	\$ 0.99
Gate, OK	1816	492.55	0.00003070	\$ 1.90	\$ 0.03	\$ 1.93
Granby	1948	6,417.30	0.00040004	\$ 24.70	\$ 0.44	\$ 25.13
Greeley Gas Co.	1981	\$115,548.62	0.00720305	\$ 444.73	\$ 7.84	\$ 452.57
Hamilton, KS	2080	1,197.60	0.00007466	\$ 4.61	\$ 0.08	\$ 4.69
Howard, KS	2344	3,631.55	0.00022638	\$ 13.98	\$ 0.25	\$ 14.22
Iola	2456	\$36,232.34	0.00225865	\$ 139.45	\$ 2.46	\$ 141.91
WRI / KS Gas Serv	2626	\$5,083,066.40	0.31686750	\$ 19,564.08	\$ 344.72	\$ 19,908.80
Lebo	2905	2,706.13	0.00016869	\$ 10.42	\$ 0.18	\$ 10.60
Liberal	2945	\$2,606.94	0.00016251	\$ 10.03	\$ 0.18	\$ 10.21
Mannford	3097	\$10,757.17	0.00067058	\$ 41.40	\$ 0.73	\$ 42.13
McLouth	3245	3,300.12	0.00020572	\$ 12.70	\$ 0.22	\$ 12.93
Mulberry	3481	\$2,483.95	0.00015484	\$ 9.56	\$ 0.17	\$ 9.73
Neodesha	3569	20,096.58	0.00125278	\$ 77.35	\$ 1.36	\$ 78.71
Orlando	3725	602.21	0.00003754	\$ 2.32	\$ 0.04	\$ 2.36
Oronogo	3726	1,072.26	0.00006684	\$ 4.13	\$ 0.07	\$ 4.20
Plattsburg	3956	\$13,950.81	0.00086966	\$ 53.69	\$ 0.95	\$ 54.64
Public Service Co.	4034	\$1,642.91	0.00010242	\$ 6.32	\$ 0.11	\$ 6.43
Reading	4107	985.00	0.00006140	\$ 3.79	\$ 0.07	\$ 3.86
Nelagoney Rural	4296	213.91	0.00001333	\$ 0.82	\$ 0.01	\$ 0.84
Severy Gas	4440	\$1,442.52	0.00008992	\$ 5.55	\$ 0.10	\$ 5.65
City Utilities	4672	\$895,334.67	0.05581325	\$ 3,446.03	\$ 60.72	\$ 3,506.75
Viola	5138	571.05	0.00003560	\$ 2.20	\$ 0.04	\$ 2.24
Wakita	5169	1,804.25	0.00011247	\$ 6.94	\$ 0.12	\$ 7.07
Wann Public Works	5216	423.48	0.00002640	\$ 1.63	\$ 0.03	\$ 1.66
OneOk Gas Mktg	5219	\$72,495.99	0.00451925	\$ 279.03	\$ 4.92	\$ 283.94
WESCO	5338	\$1,143,978.90	0.07131320	\$ 4,403.03	\$ 77.58	\$ 4,480.61
United Cities	6515	\$950,366.54	0.05924382	\$ 3,657.84	\$ 64.45	\$ 3,722.29
Tenaska Gas Mktg	7149	\$181,495.03	0.01131401	\$ 698.55	\$ 12.31	\$ 710.86
Freedom Municipal	7198	1,299.59	0.00008101	\$ 5.00	\$ 0.09	\$ 5.09
Nebraska Public	7315	\$47,713.88	0.00297438	\$ 183.64	\$ 3.24	\$ 186.88
Grove Municipal	7484	\$32,090.14	0.00200043	\$ 123.51	\$ 2.18	\$ 125.69
KMGA	7560	4,900.27	0.00030547	\$ 18.86	\$ 0.33	\$ 19.19
KMGA	7560	\$133,946.39	0.00834993	\$ 515.54	\$ 9.08	\$ 524.63
KMGA	7560	34.10	0.00000213	\$ 0.13	\$ 0.00	\$ 0.13
KMGA	7560	502.43	0.00003132	\$ 1.93	\$ 0.03	\$ 1.97
KMGA	7560	410.06	0.00002556	\$ 1.58	\$ 0.03	\$ 1.61
Lawrence Paper	7573	\$3,950.40	0.00024626	\$ 15.20	\$ 0.27	\$ 15.47
MGE	7831	\$6,632,938.70	0.41348323	\$ 25,529.34	\$ 449.83	\$ 25,979.17
Utilicorp	7921	\$569,428.35	0.03549695	\$ 2,191.66	\$ 38.62	\$ 2,230.27
Utilicorp	7921	328.33	0.00002047	\$ 1.26	\$ 0.02	\$ 1.29
Utilicorp	7921	3,237.97	0.00020185	\$ 12.46	\$ 0.22	\$ 12.68
Total		\$16,041,614.76	1.00000000	\$ 61,742.14	\$ 1,087.91	\$62,830.05

TSS - FSS & SFT - STS SHIPPERS

TSS & FSS Billed REC & RED:

ALLOCATION OF ISS REFUND BY SHIPPER

October 1998 - September 1999

	Party	Type Chg	Billed Dth	Billed Rate	Billed Amt	Type Chg	Billed Dth	Billed Rate	Settled Amt	ISS REF Allocation	
Americus Gas	123	REC	73,260	0.029300	2,646.60	RED	3,120	0.515100	1,608.84	4,255.44	76,380
Auburn	223	REC	188,521	0.029300	6,502.57	RED	12,000	0.515100	6,187.80	12,690.37	200,521
Ford	1711	REC	24,918	0.029300	821.52	RED	1,116	0.515100	575.46	1,396.98	26,034
Greeley Gas Co.	1981	REC	1,861,517	0.029300	56,120.96	RED	115,248	0.515100	59,427.66	115,548.62	1,976,765
Iola	2456	REC	517,625	0.029300	15,193.82	RED	40,800	0.515100	21,038.52	36,232.34	558,425
WRI	2626	REC	75,277,222	0.029300	2,579,618.60	RED	4,854,936	0.515100	2,503,447.80	5,083,066.40	80,132,158
Liberal	2945	REC	41,765	0.029300	1,412.70	RED	2,316	0.515100	1,194.24	2,606.94	44,081
Mannford	3097	REC	178,530	0.029300	5,986.39	RED	9,252	0.515100	4,770.78	10,757.17	187,782
Mulberry	3481	REC	37,577	0.029300	1,289.71	RED	2,316	0.515100	1,194.24	2,483.95	39,893
Plattsburg	3956	REC	223,908	0.029300	7,571.19	RED	12,372	0.515100	6,379.62	13,950.81	236,280
Public Service Co.	4034	REC	29,421	0.029300	863.27	RED	1,512	0.515100	779.64	1,642.91	30,933
Severy Gas	4440	REC	25,006	0.029300	829.98	RED	1,188	0.515100	612.54	1,442.52	26,194
City Utilities	4672	REC	16,419,364	0.029300	481,884.39	RED	801,804	0.515100	413,450.28	895,334.67	17,221,168
OneOk Gas Mktg	5219	REC	1,574,548	0.029300	46,210.23	RED	50,976	0.515100	26,285.76	72,495.99	1,625,524
WESCO	5338	REC	23,161,977	0.029300	679,893.90	RED	900,000	0.515100	464,085.00	1,143,978.90	24,061,977
United Cities	6515	REC	17,029,423	0.029300	499,938.08	RED	873,516	0.515100	450,428.46	950,366.54	17,902,939
Tenaska Gas Mktg	7149	REC	2,843,473	0.029300	93,993.31	RED	169,692	0.515100	87,501.72	181,495.03	3,013,165
Nebraska Public	7315	REC	734,971	0.029300	25,109.84	RED	43,836	0.515100	22,604.04	47,713.88	778,807
Grove Municipal	7484	REC	545,858	0.029300	16,014.22	RED	31,176	0.515100	16,075.92	32,090.14	577,034
KMGA	7560	REC	2,393,785	0.029300	70,246.63	RED	123,533	0.515100	63,699.76	133,946.39	2,517,318
Lawrence Paper	7573	REC	71,336	0.029300	2,094.06	RED	3,600	0.515100	1,856.34	3,950.40	74,936
MGE	7831	REC	120,720,454	0.029300	3,543,178.34	RED	5,991,972	0.515100	3,089,760.36	6,632,938.70	126,712,426
Utilicorp	7921	REC	9,921,329	0.029300	291,193.95	RED	539,580	0.515100	278,234.40	569,428.35	10,460,909
			273,895,788		8,428,614.26		14,585,861		7,521,199.18	15,949,813.44	288,481,649

STS - CMD - Billed

	Party	Billed Dth	AREA	Billed Rate	Storage Rate	Amount	ISS REF Allocation
97	TA 501	54,233	M	0.550800	0.0907	\$4,918.93	4,918.93
189	TA 504	28,284	P	0.737000	0.0797	\$2,254.23	2,254.23
190	TA 506	138,381	P	0.737000	0.0797	\$11,028.97	11,028.97
190d	TA 606	6,289	P	0.737000	0.0797	\$501.23	501.23

TSS - FSS & SFT - STS SHIPPERS

227	TA 510	14,245	P	0.737000	0.0797	\$1,135.33	1,135.33
419	TA 511	24,537	P	0.737000	0.0797	\$1,955.60	1,955.60
728	TA 516	9,425	P	0.737000	0.0797	\$751.17	751.17
979	TA 850	130,488	P	0.737000	0.0797	\$10,399.89	10,399.89
1082	TA 530	36,231	P	0.737000	0.0797	\$2,887.61	2,887.61
1272	TA 532	13,234	M	0.550800	0.0907	\$1,200.32	1,200.32
1440	TA 533	3,170	M	0.550800	0.0907	\$287.52	287.52
1687	TA 534	2,798	M	0.550800	0.0907	\$253.78	253.78
1816	TA 538	6,180	P	0.737000	0.0797	\$492.55	492.55
1948	TA 543	70,753	M	0.550800	0.0907	\$6,417.30	6,417.30
2080	TA 548	13,204	M	0.550800	0.0907	\$1,197.60	1,197.60
2344	TA 550	40,039	M	0.550800	0.0907	\$3,631.54	3,631.54
2905	TA 567	29,836	M	0.550800	0.0907	\$2,706.13	2,706.13
3245	TA 571	36,385	M	0.550800	0.0907	\$3,300.12	3,300.12
3569	TA 585	221,572	M	0.550800	0.0907	\$20,096.58	20,096.58
3725	TA 589	7,556	P	0.737000	0.0797	\$602.21	602.21
3726	TA 839	11,822	M	0.550800	0.0907	\$1,072.26	1,072.26
4107	TA 604	10,860	M	0.550800	0.0907	\$985.00	985.00
4296	TA 605	2,684	P	0.737000	0.0797	\$213.91	213.91
5138	TA 616	7,165	P	0.737000	0.0797	\$571.05	571.05
5169	TA 618	22,638	P	0.737000	0.0797	\$1,804.25	1,804.25
5216	TA 619	4,669	M	0.550800	0.0907	\$423.48	423.48
7198	TA 537	16,306	P	0.737000	0.0797	\$1,299.59	1,299.59
7560	TA 020	61,484	P	0.737000	0.0797	\$4,900.27	4,900.27
7560	TA 517	376	M	0.550800	0.0907	\$34.10	34.10
7560	TA 558	6,304	P	0.737000	0.0797	\$502.43	502.43
7560	TA 559	5,145	P	0.737000	0.0797	\$410.06	410.06
7921	TA 588	3,620	M	0.550800	0.0907	\$328.33	328.33
7921	TA591	40,627	P	0.737000	0.0797	\$3,237.97	3,237.97
1,080,540						91,801.32	91,801.32